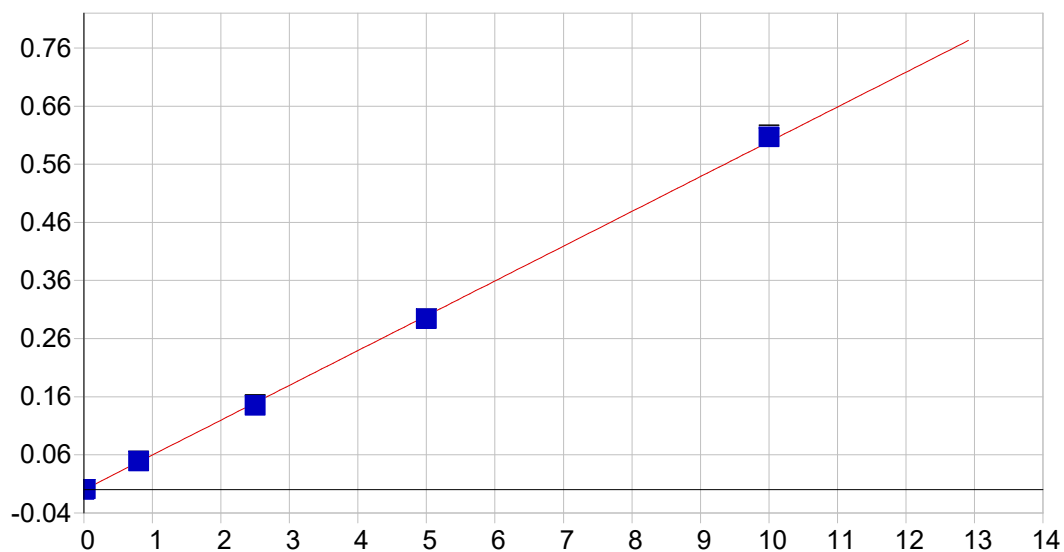


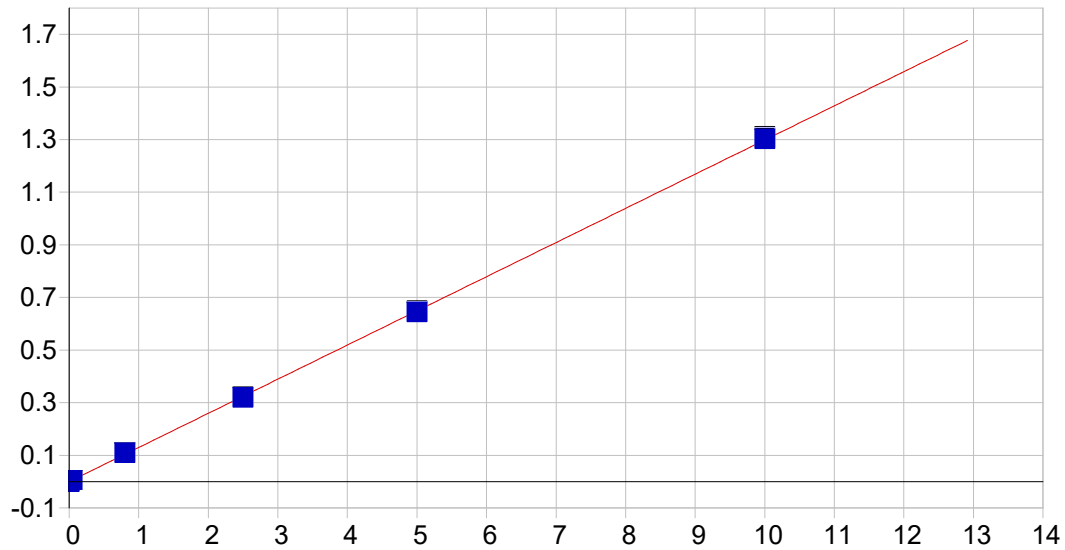


### As 189.042 {479}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.059867 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999827 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.001957  
 Predicted MQL: 0.006522

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00004 | .000    | 1        |
| S1        | .02000       | .02184      | .002       | 9.21    | .00128  | .000    | 1        |
| S3        | 2.5000       | 2.4242      | -.076      | -3.03   | .14508  | .001    | 1        |
| S4        | 5.0000       | 4.9145      | -.085      | -1.71   | .29416  | .001    | 1        |
| S5        | 10.000       | 10.141      | .141       | 1.41    | .60705  | .003    | 1        |
| S2        | .80000       | .81819      | .018       | 2.27    | .04894  | .000    | 1        |

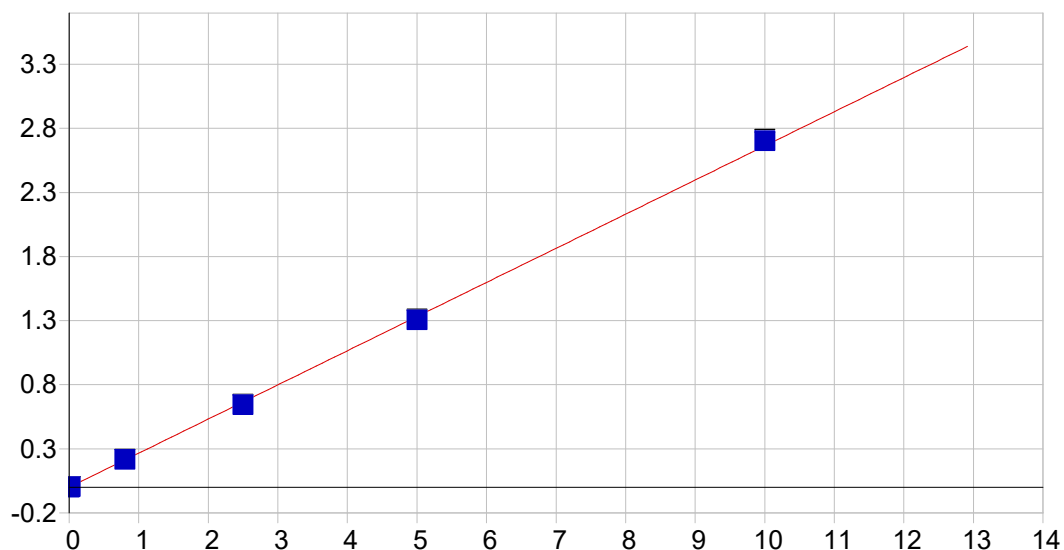


TI 190.856 {477}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000227 Re-Slope: 1.000000  
 A1 (Gain): 0.129860 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999905 Status: OK.  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.001029  
 Predicted MQL: 0.003430

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .04000       | .04377      | .004       | 9.43    | .00544  | .000    | 1        |
| S3        | 2.5000       | 2.4633      | -.037      | -1.47   | .32136  | .001    | 1        |
| S4        | 5.0000       | 4.9607      | -.039      | -.787   | .64736  | .002    | 1        |
| S5        | 10.000       | 10.030      | .030       | .302    | 1.3091  | .003    | 1        |
| S2        | .80000       | .84214      | .042       | 5.27    | .10968  | .000    | 1        |

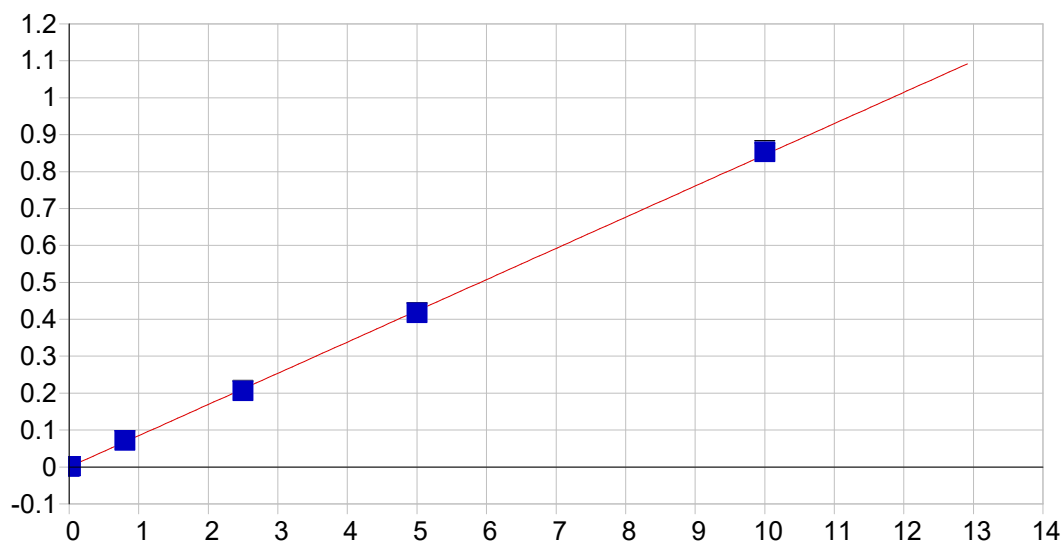


**Pb 220.353 {453}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000152 Re-Slope: 1.000000  
 A1 (Gain): 0.266376 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999784 Status: OK.  
 Std Error of Est: 0.000101  
 Predicted MDL: 0.001106  
 Predicted MQL: 0.003687

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00015 | .000    | 1        |
| S1        | .01200       | .01539      | .003       | 28.2    | .00387  | .000    | 1        |
| S3        | 2.5000       | 2.4210      | -.079      | -3.16   | .64415  | .003    | 1        |
| S4        | 5.0000       | 4.9060      | -.094      | -1.88   | 1.3055  | .006    | 1        |
| S5        | 10.000       | 10.153      | .153       | 1.53    | 2.7019  | .011    | 1        |
| S2        | .80000       | .81699      | .017       | 2.12    | .21728  | .001    | 1        |

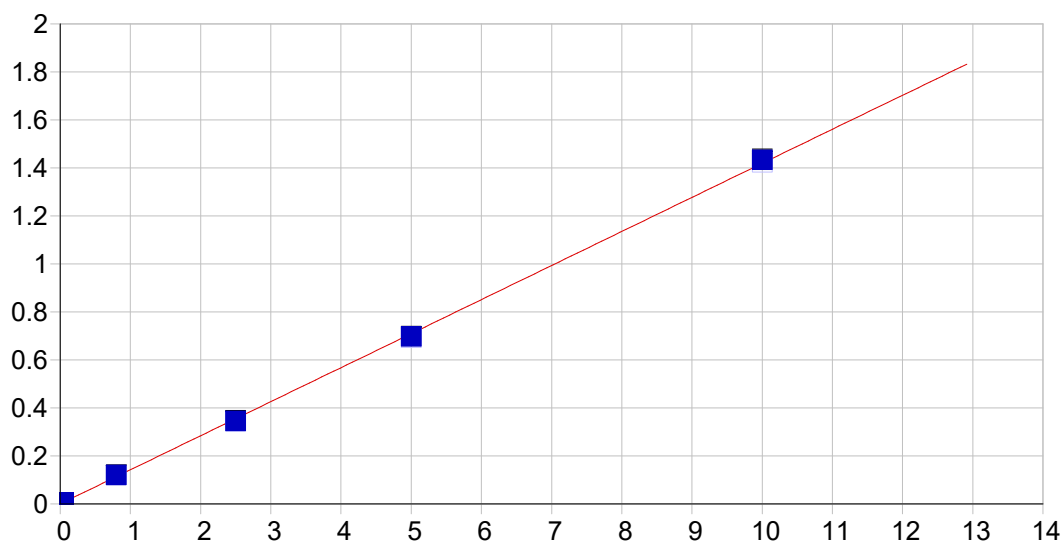


**Se 196.090 {472}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000226 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.084529 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999846 | Status:   | OK.      |
| Std Error of Est: | 0.000035 |           |          |
| Predicted MDL:    | 0.002081 |           |          |
| Predicted MQL:    | 0.006938 |           |          |

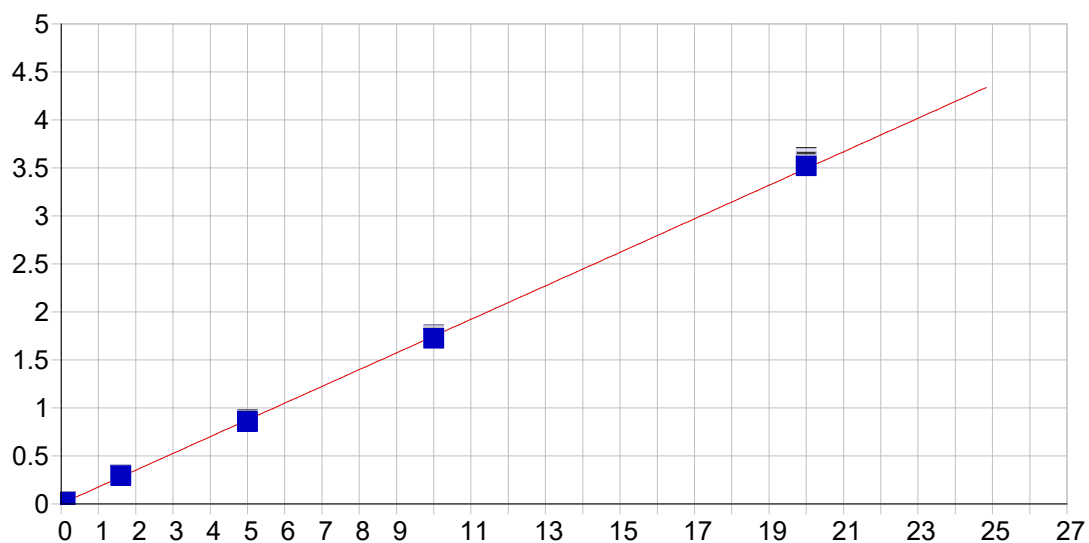
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .02000       | .02217      | .002       | 10.8    | .00210 | .000    | 1        |
| S3        | 2.5000       | 2.4383      | -.062      | -2.47   | .20627 | .002    | 1        |
| S4        | 5.0000       | 4.9307      | -.069      | -1.39   | .41690 | .001    | 1        |
| S5        | 10.000       | 10.087      | .087       | .875    | .85268 | .004    | 1        |
| S2        | .80000       | .84140      | .041       | 5.17    | .07133 | .000    | 1        |



Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000159 Re-Slope: 1.000000  
 A1 (Gain): 0.141874 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999797 Status: OK.  
 Std Error of Est: 0.000105  
 Predicted MDL: 0.001547  
 Predicted MQL: 0.005158

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00016 | .000    | 1        |
| S1        | .05000       | .05533      | .005       | 10.7    | .00797 | .000    | 1        |
| S3        | 2.5000       | 2.4348      | -.065      | -2.61   | .34317 | .002    | 1        |
| S4        | 5.0000       | 4.9152      | -.085      | -1.70   | .69264 | .001    | 1        |
| S5        | 10.000       | 10.098      | .098       | .982    | 1.4231 | .005    | 1        |
| S2        | .80000       | .84638      | .046       | 5.80    | .11946 | .001    | 1        |

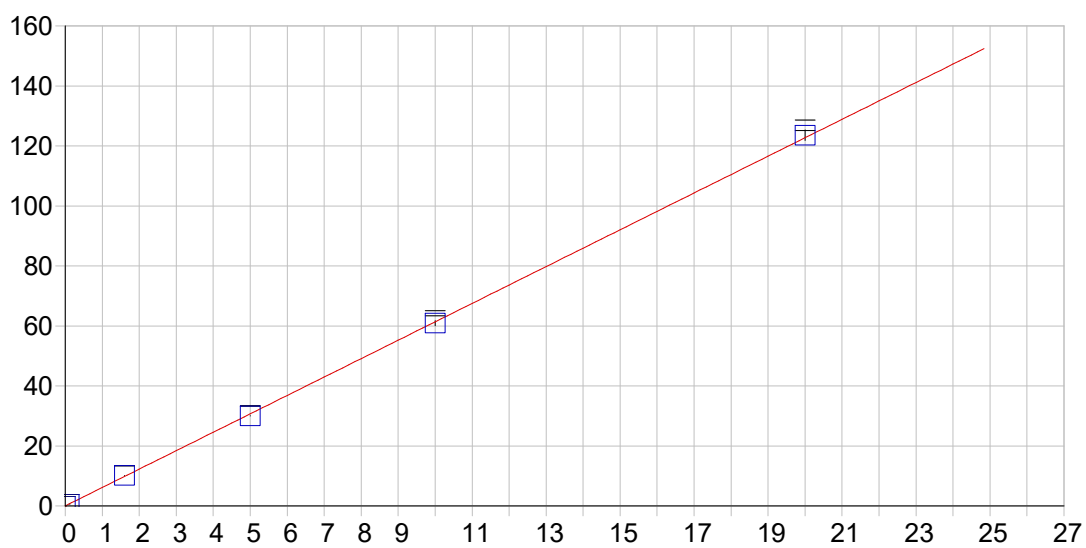


AI 396.152 { 85}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001871 Re-Slope: 1.000000  
 A1 (Gain): 0.174589 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999877 Status: OK.  
 Std Error of Est: 0.000207  
 Predicted MDL: 0.009629  
 Predicted MQL: 0.032097

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00187 | .001    | 1        |
| S1        | .10000       | .11077      | .011       | 10.8    | .02257 | .002    | 1        |
| S3        | 5.0000       | 4.8972      | -.103      | -2.06   | .87255 | .005    | 1        |
| S4        | 10.000       | 9.8683      | -.132      | -1.32   | 1.7561 | .004    | 1        |
| S5        | 20.000       | 20.151      | .151       | .757    | 3.5828 | .023    | 1        |
| S2        | 1.6000       | 1.6718      | .072       | 4.49    | .29877 | .002    | 1        |

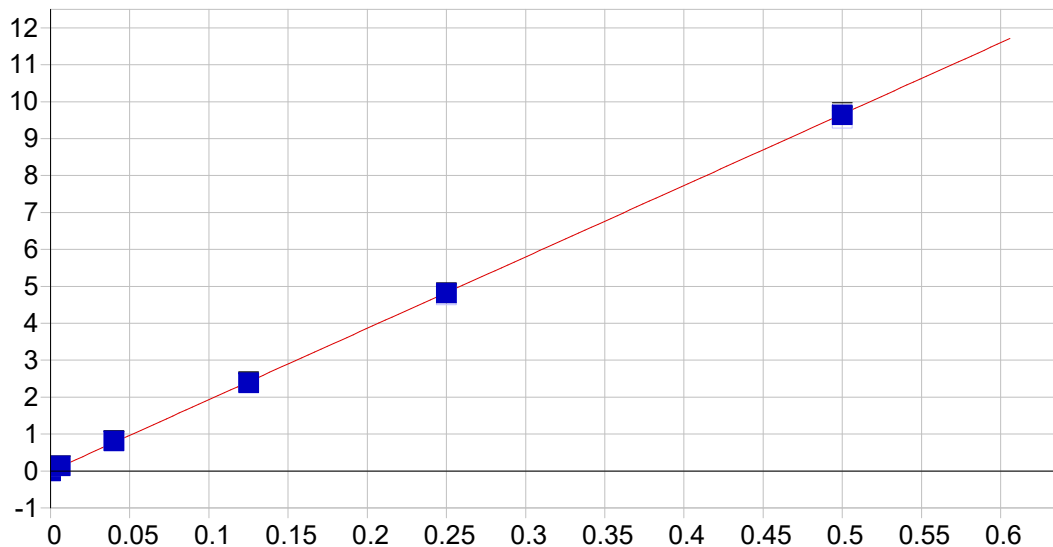


**Ba 493.409 { 68}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003535 Re-Slope: 1.000000  
 A1 (Gain): 6.137525 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.005516  
 Predicted MDL: 0.000510  
 Predicted MQL: 0.001699

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00351 | .001    | 1        |
| S1        | .10000       | .10331      | .003       | 3.31    | .63760 | .007    | 1        |
| S3        | 5.0000       | 4.8892      | -.111      | -2.22   | 30.011 | .069    | 1        |
| S4        | 10.000       | 9.9256      | -.074      | -.744   | 60.922 | .881    | 1        |
| S5        | 20.000       | 20.135      | .135       | .677    | 123.59 | 1.79    | 1        |
| S2        | 1.6000       | 1.6465      | .047       | 2.91    | 10.109 | .038    | 1        |



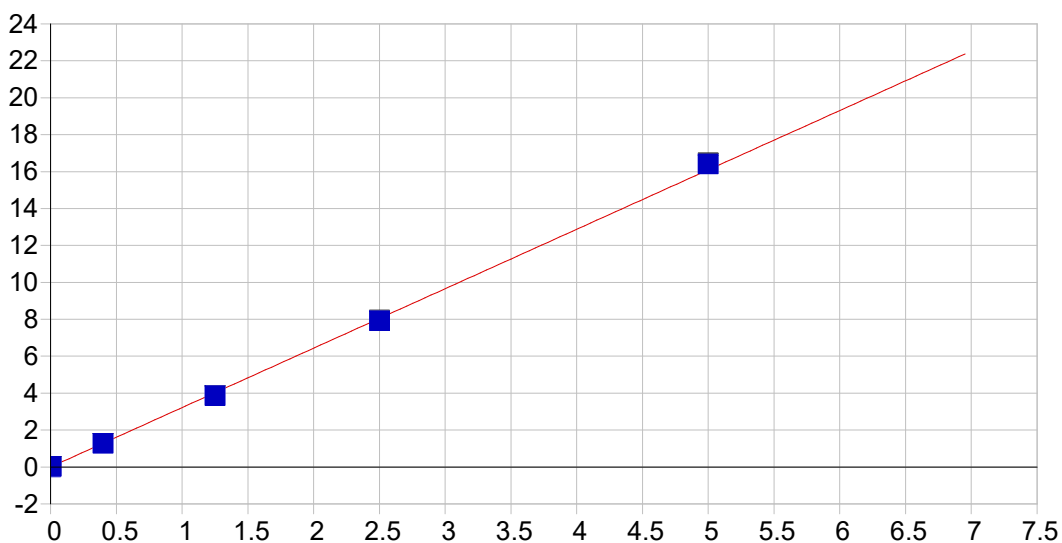
### Be 234.861 {144}

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002832 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 19.329191 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999812  | Status:   | OK.      |
| Std Error of Est: | 0.001067  |           |          |
| Predicted MDL:    | 0.000039  |           |          |
| Predicted MQL:    | 0.000130  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00286 | .000    | 1        |
| S1        | .00600       | .00715      | .001       | 19.2    | .13353  | .001    | 1        |
| S3        | .12500       | .12388      | -.001      | -.895   | 2.3667  | .023    | 1        |
| S4        | .25000       | .24901      | -.001      | -.398   | 4.7603  | .014    | 1        |
| S5        | .50000       | .49896      | -.001      | -.208   | 9.5418  | .060    | 1        |
| S2        | .04000       | .04200      | .002       | 5.01    | .80108  | .009    | 1        |



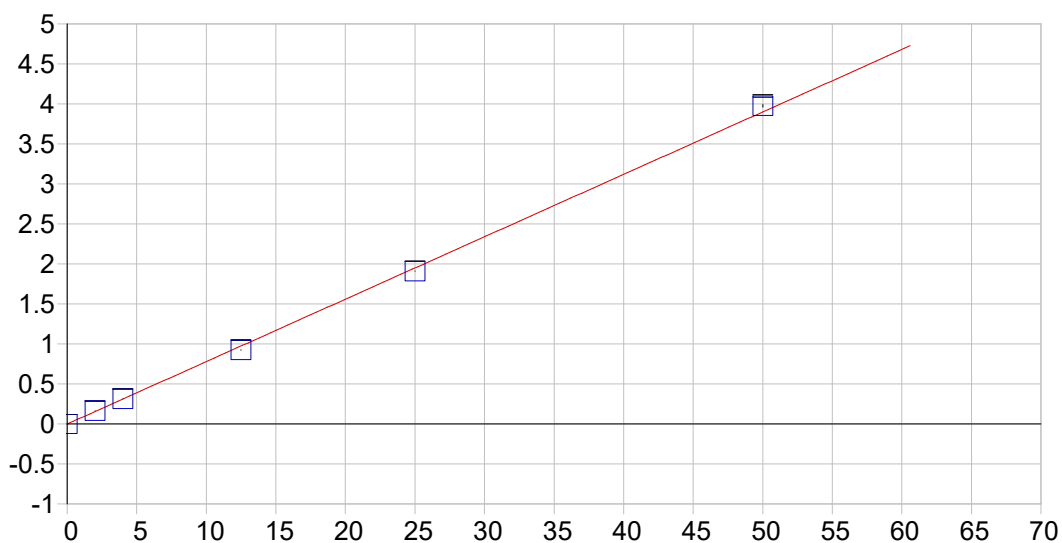


**Cd 226.502 {449}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000154 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 3.218346 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999735 | Status:   | OK.      |
| Std Error of Est: | 0.000672 |           |          |
| Predicted MDL:    | 0.000076 |           |          |
| Predicted MQL:    | 0.000254 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .00600       | .00670      | .001       | 11.7    | .02173 | .000    | 1        |
| S3        | 1.2500       | 1.1974      | -.053      | -4.21   | 3.8540 | .018    | 1        |
| S4        | 2.5000       | 2.4593      | -.041      | -1.63   | 7.9152 | .031    | 1        |
| S5        | 5.0000       | 5.0964      | .096       | 1.93    | 16.403 | .065    | 1        |
| S2        | .40000       | .39623      | -.004      | -.943   | 1.2754 | .005    | 1        |

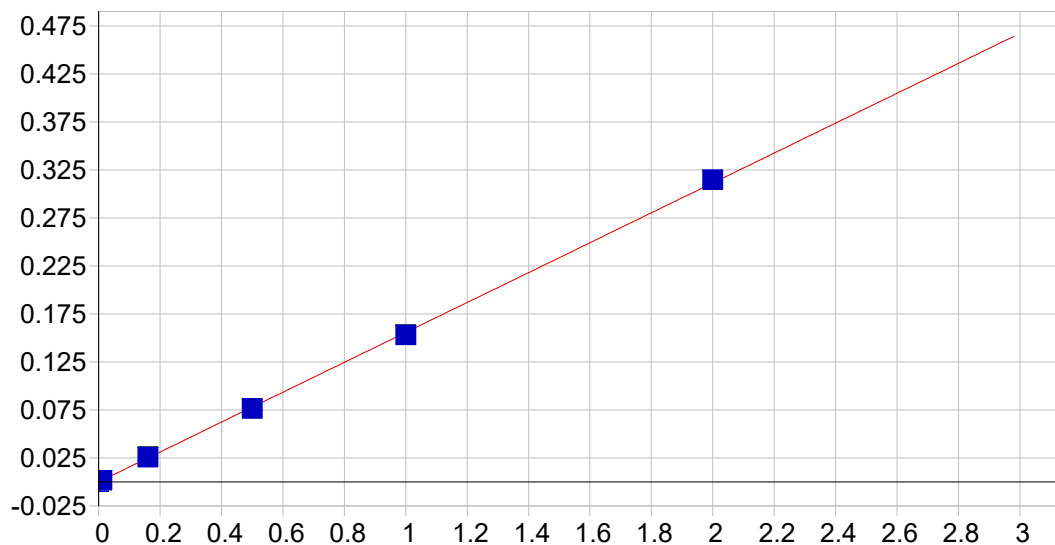


Ca 373.690 { 90}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001307 Re-Slope: 1.000000  
 A1 (Gain): 0.078019 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999649 Status: OK.  
 Std Error of Est: 0.001094  
 Predicted MDL: 0.015732  
 Predicted MQL: 0.052440

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00131 | .001    | 1        |
| S2        | 4.0000       | 4.0403      | .040       | 1.01    | .31391  | .003    | 1        |
| S3        | 12.500       | 11.880      | -.620      | -4.96   | .92557  | .004    | 1        |
| S4        | 25.000       | 24.496      | -.504      | -2.02   | 1.9099  | .003    | 1        |
| S5        | 50.000       | 50.983      | .983       | 1.97    | 3.9764  | .016    | 1        |
| S1        | 2.0000       | 2.1007      | .101       | 5.04    | .16259  | .001    | 1        |

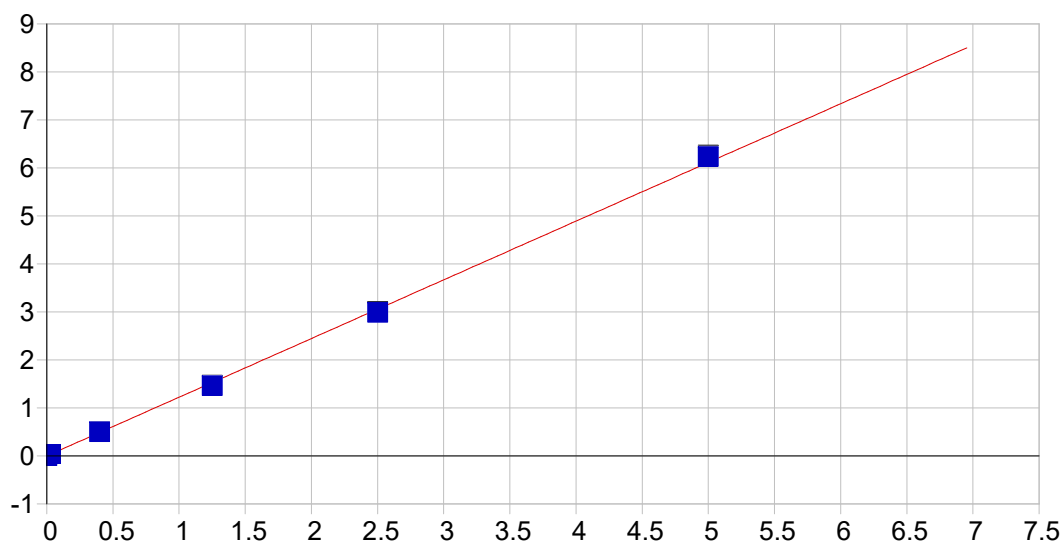


**Cr 267.716 {126}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000005 Re-Slope: 1.000000  
 A1 (Gain): 0.155731 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999860 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.000387  
 Predicted MQL: 0.001292

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00000 | .000    | 1        |
| S1        | .01000       | .01104      | .001       | 10.4    | .00172  | .000    | 1        |
| S3        | .50000       | .48955      | -.010      | -2.09   | .07628  | .000    | 1        |
| S4        | 1.0000       | .98292      | -.017      | -1.71   | .15315  | .000    | 1        |
| S5        | 2.0000       | 2.0209      | .021       | 1.05    | .31488  | .000    | 1        |
| S2        | .16000       | .16558      | .006       | 3.49    | .02579  | .000    | 1        |

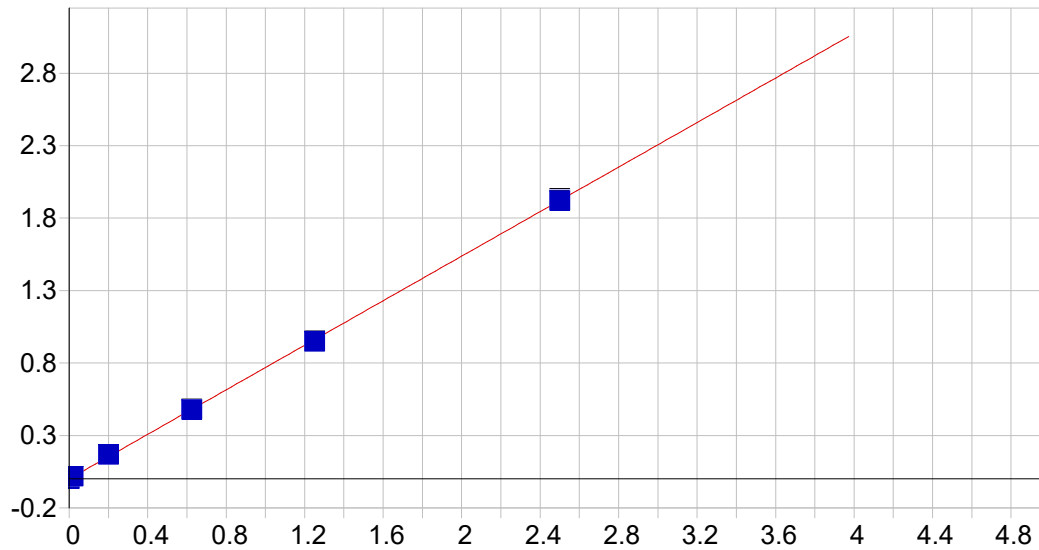


Co 228.616 {448}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000143 Re-Slope: 1.000000  
 A1 (Gain): 1.222712 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999678 Status: OK.  
 Std Error of Est: 0.000632  
 Predicted MDL: 0.000180  
 Predicted MQL: 0.000600

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .03000       | .03145      | .001       | 4.83    | .03849 | .000    | 1        |
| S3        | 1.2500       | 1.1952      | -.055      | -4.38   | 1.4645 | .006    | 1        |
| S4        | 2.5000       | 2.4443      | -.056      | -2.23   | 2.9947 | .011    | 1        |
| S5        | 5.0000       | 5.0981      | .098       | 1.96    | 6.2454 | .020    | 1        |
| S2        | .40000       | .41103      | .011       | 2.76    | .50365 | .002    | 1        |

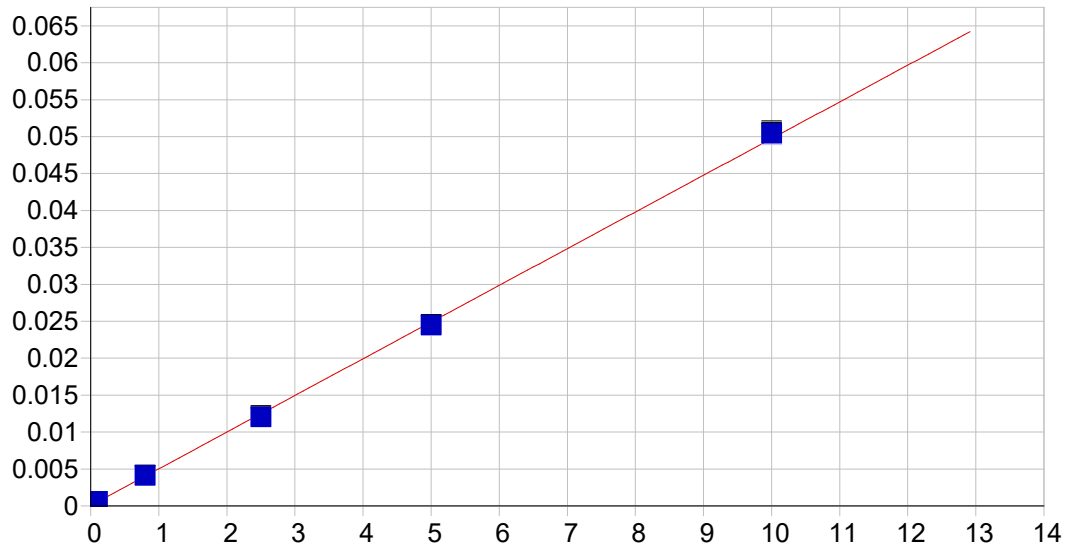


**Cu 224.700 {450}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000154 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.768646 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999699 | Status:   | OK.      |
| Std Error of Est: | 0.000222 |           |          |
| Predicted MDL:    | 0.000390 |           |          |
| Predicted MQL:    | 0.001300 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00015 | .000    | 1        |
| S1        | .02000       | .02422      | .004       | 21.1    | .01889 | .001    | 1        |
| S3        | .62500       | .62161      | -.003      | -.543   | .48025 | .002    | 1        |
| S4        | 1.2500       | 1.2326      | -.017      | -1.40   | .95215 | .003    | 1        |
| S5        | 2.5000       | 2.4985      | -.002      | -.060   | 1.9298 | .006    | 1        |
| S2        | .20000       | .21812      | .018       | 9.06    | .16854 | .001    | 1        |

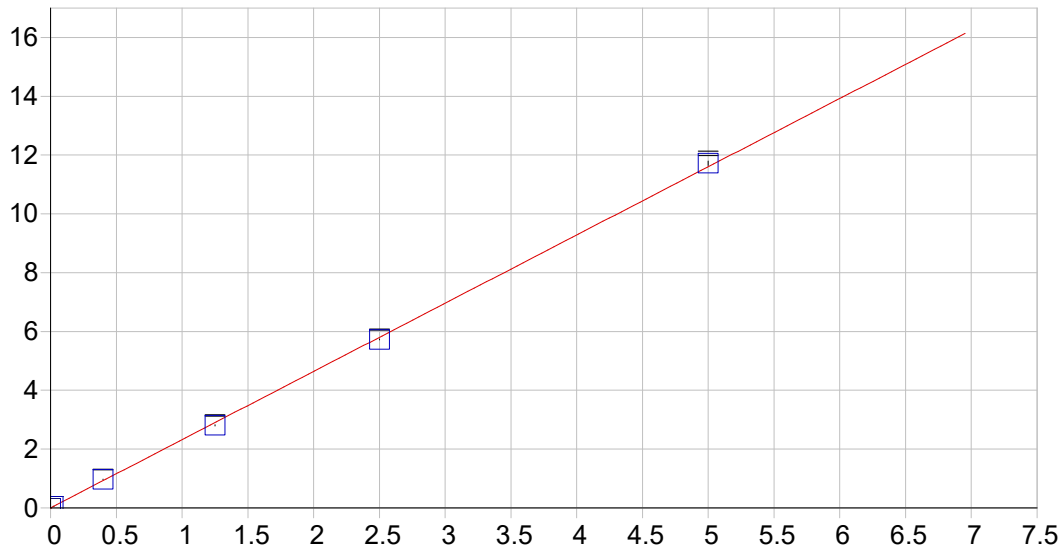


**Fe 240.488 {140}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000052 Re-Slope: 1.000000  
 A1 (Gain): 0.004968 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999795 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.005747  
 Predicted MQL: 0.019158

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00005 | .000    | 1        |
| S1        | .10000       | .11055      | .011       | 10.6    | .00060 | .000    | 1        |
| S3        | 2.5000       | 2.4153      | -.085      | -3.39   | .01199 | .000    | 1        |
| S4        | 5.0000       | 4.9199      | -.080      | -1.60   | .02438 | .000    | 1        |
| S5        | 10.000       | 10.139      | .139       | 1.39    | .05019 | .000    | 1        |
| S2        | .80000       | .81506      | .015       | 1.88    | .00408 | .000    | 1        |

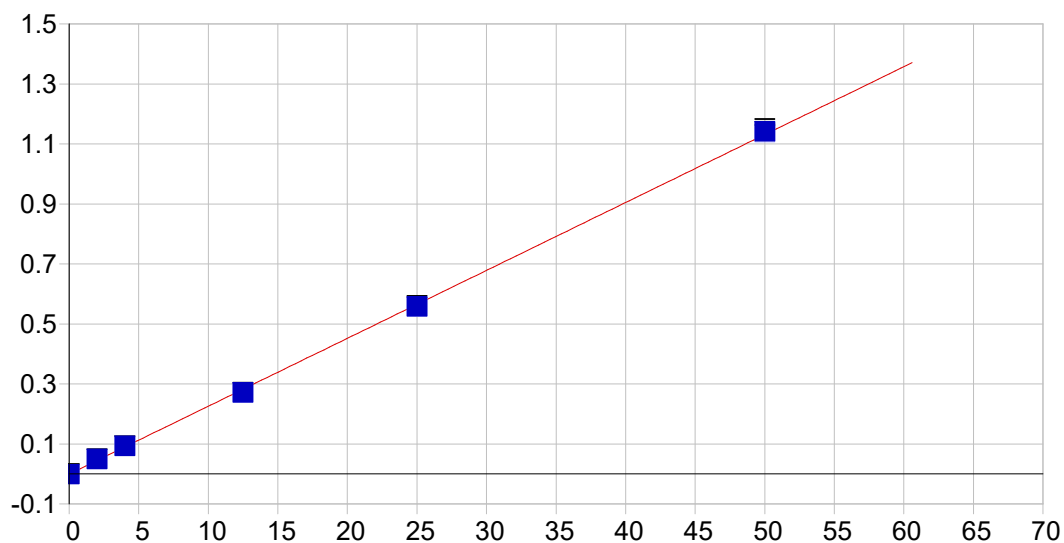


**Mn 257.610 {131}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000712 Re-Slope: 1.000000  
 A1 (Gain): 2.320533 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999796 Status: OK.  
 Std Error of Est: 0.000777  
 Predicted MDL: 0.000275  
 Predicted MQL: 0.000915

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00070 | .000    | 1        |
| S1        | .02000       | .02322      | .003       | 16.1    | .05459 | .001    | 1        |
| S3        | 1.2500       | 1.2082      | -.042      | -3.35   | 2.8043 | .022    | 1        |
| S4        | 2.5000       | 2.4681      | -.032      | -1.28   | 5.7280 | .019    | 1        |
| S5        | 5.0000       | 5.0519      | .052       | 1.04    | 11.724 | .075    | 1        |
| S2        | .40000       | .41869      | .019       | 4.67    | .97230 | .011    | 1        |



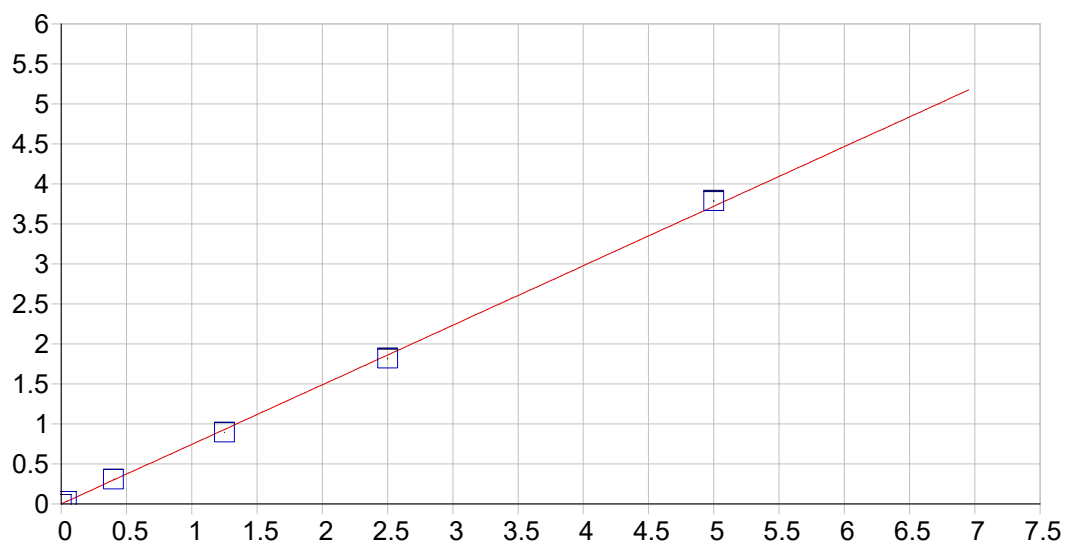
### Mg 279.079 {121}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000654 Re-Slope: 1.000000  
 A1 (Gain): 0.022632 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999704 Status: OK.  
 Std Error of Est: 0.000291  
 Predicted MDL: 0.023947  
 Predicted MQL: 0.079824

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00019     | -.000      | .000    | -.00066 | .000    | 1        |
| S2        | 4.0000       | 4.1285      | .128       | 3.21    | .09255  | .001    | 1        |
| S3        | 12.500       | 11.992      | -.508      | -4.07   | .27002  | .002    | 1        |
| S4        | 25.000       | 24.709      | -.291      | -1.16   | .55713  | .003    | 1        |
| S5        | 50.000       | 50.457      | .457       | .914    | 1.1384  | .010    | 1        |
| S1        | 2.0000       | 2.2130      | .213       | 10.6    | .04937  | .000    | 1        |



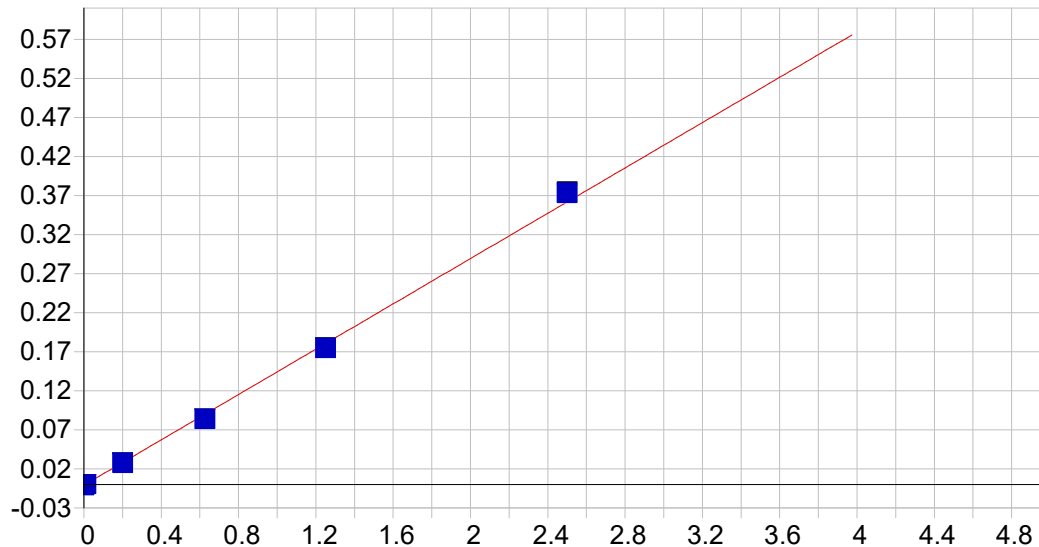


**Ni 231.604 {446}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000139 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.744310 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999709 | Status:   | OK.      |
| Std Error of Est: | 0.000422 |           |          |
| Predicted MDL:    | 0.000291 |           |          |
| Predicted MQL:    | 0.000969 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .04000       | .04170      | .002       | 4.26    | .03118 | .000    | 1        |
| S3        | 1.2500       | 1.2015      | -.049      | -3.88   | .89441 | .002    | 1        |
| S4        | 2.5000       | 2.4433      | -.057      | -2.27   | 1.8187 | .005    | 1        |
| S5        | 5.0000       | 5.0891      | .089       | 1.78    | 3.7880 | .008    | 1        |
| S2        | .40000       | .41447      | .014       | 3.62    | .30863 | .001    | 1        |

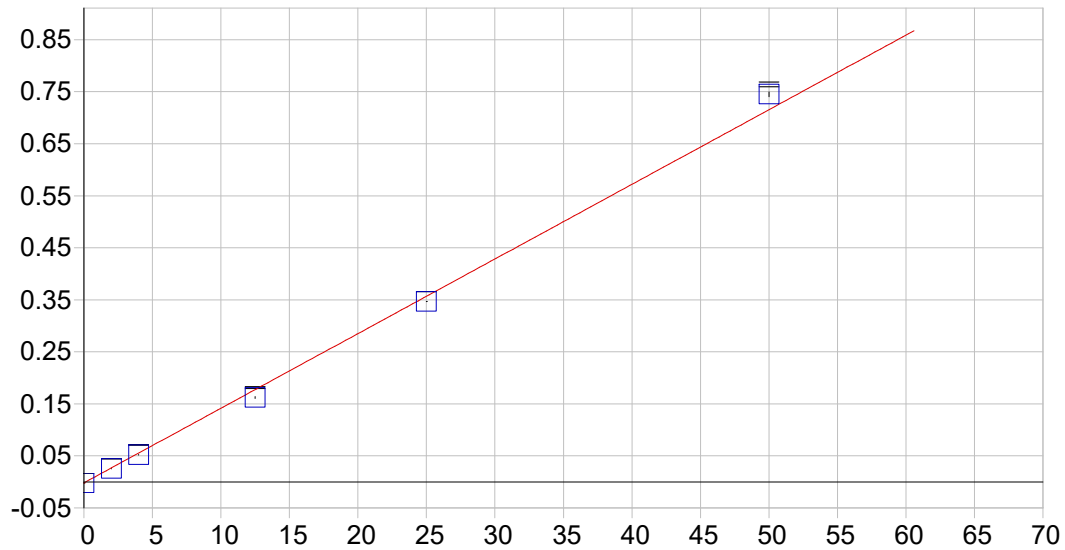


Ag 328.068 {103}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000880 Re-Slope: 1.000000  
 A1 (Gain): 0.145071 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999266 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.000656  
 Predicted MQL: 0.002186

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00088 | .000    | 1        |
| S1        | .01000       | .01143      | .001       | 14.3    | .00077  | .000    | 1        |
| S3        | .62500       | .58511      | -.040      | -6.38   | .08378  | .000    | 1        |
| S4        | 1.2500       | 1.2107      | -.039      | -3.15   | .17431  | .001    | 1        |
| S5        | 2.5000       | 2.5814      | .081       | 3.26    | .37272  | .001    | 1        |
| S2        | .20000       | .19638      | -.004      | -1.81   | .02754  | .000    | 1        |

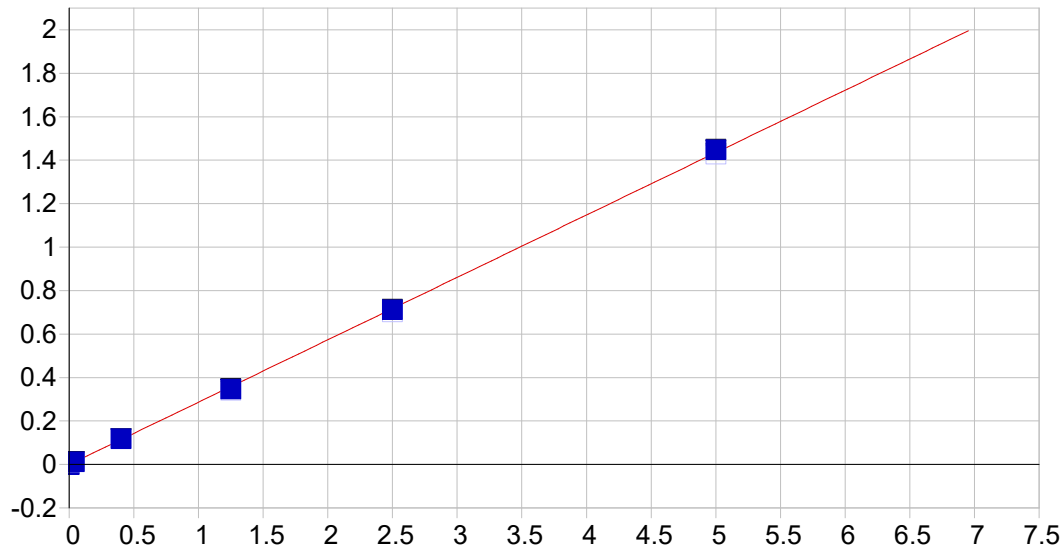


### Na 589.592 { 57}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001877 Re-Slope: 1.000000  
 A1 (Gain): 0.014344 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998864 Status: OK.  
 Std Error of Est: 0.000362  
 Predicted MDL: 0.016513  
 Predicted MQL: 0.055042

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00036      | .000       | .000    | -.00187 | .000    | 1        |
| S2        | 4.0000       | 3.7719      | -.228      | -5.70   | .05223  | .000    | 1        |
| S3        | 12.500       | 11.449      | -1.05      | -8.41   | .16235  | .002    | 1        |
| S4        | 25.000       | 24.301      | -.699      | -2.80   | .34670  | .000    | 1        |
| S5        | 50.000       | 52.080      | 2.08       | 4.16    | .74517  | .005    | 1        |
| S1        | 2.0000       | 1.8981      | -.102      | -5.10   | .02535  | .001    | 1        |

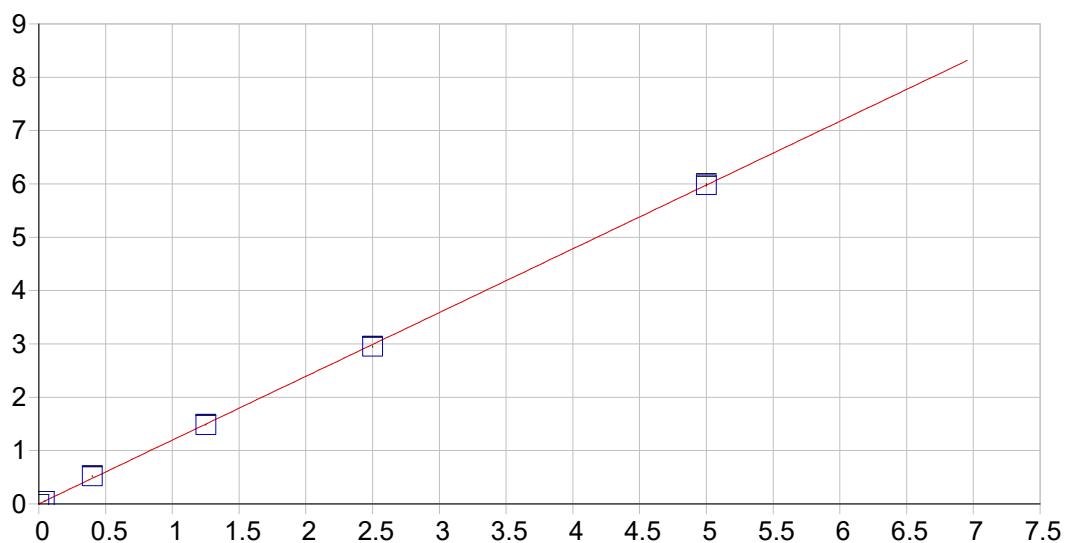


**V 292.402 {115}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000639 Re-Slope: 1.000000  
 A1 (Gain): 0.287102 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999861 Status: OK.  
 Std Error of Est: 0.000111  
 Predicted MDL: 0.002385  
 Predicted MQL: 0.007949

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00064 | .000    | 1        |
| S1        | .04000       | .04243      | .002       | 6.08    | .01112  | .000    | 1        |
| S3        | 1.2500       | 1.2084      | -.042      | -3.33   | .34101  | .004    | 1        |
| S4        | 2.5000       | 2.4813      | -.019      | -.749   | .70119  | .002    | 1        |
| S5        | 5.0000       | 5.0455      | .045       | .910    | 1.4268  | .003    | 1        |
| S2        | .40000       | .41251      | .013       | 3.13    | .11610  | .002    | 1        |

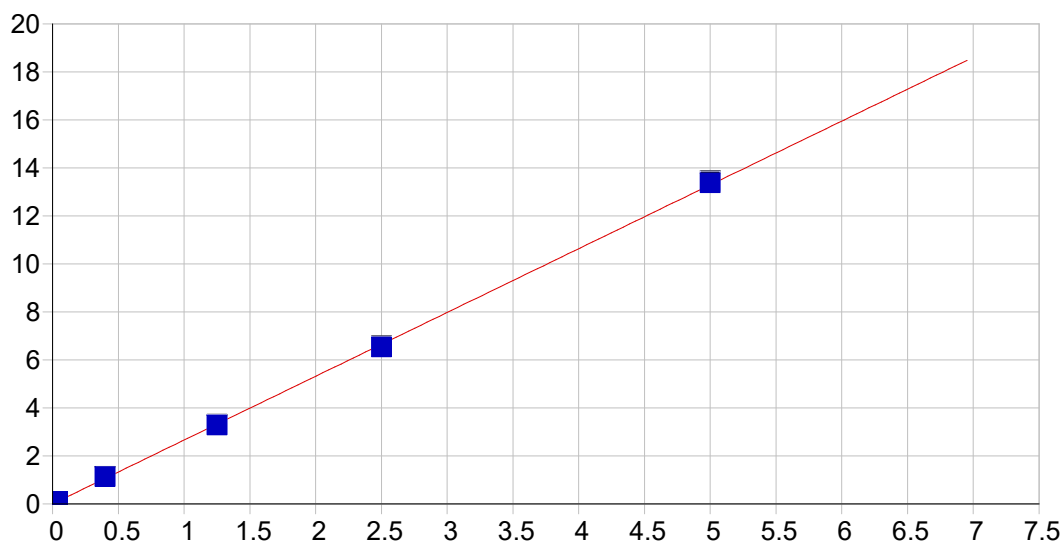


**Zn 206.200 {464}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000929 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 1.195561 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999771 | Status:   | OK.      |
| Std Error of Est: | 0.000601 |           |          |
| Predicted MDL:    | 0.000152 |           |          |
| Predicted MQL:    | 0.000508 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00092 | .000    | 1        |
| S1        | .04000       | .04589      | .006       | 14.7    | .05579 | .000    | 1        |
| S3        | 1.2500       | 1.2412      | -.009      | -.707   | 1.4848 | .006    | 1        |
| S4        | 2.5000       | 2.4666      | -.033      | -1.34   | 2.9499 | .010    | 1        |
| S5        | 5.0000       | 5.0027      | .003       | .054    | 5.9819 | .025    | 1        |
| S2        | .40000       | .43369      | .034       | 8.42    | .51944 | .009    | 1        |

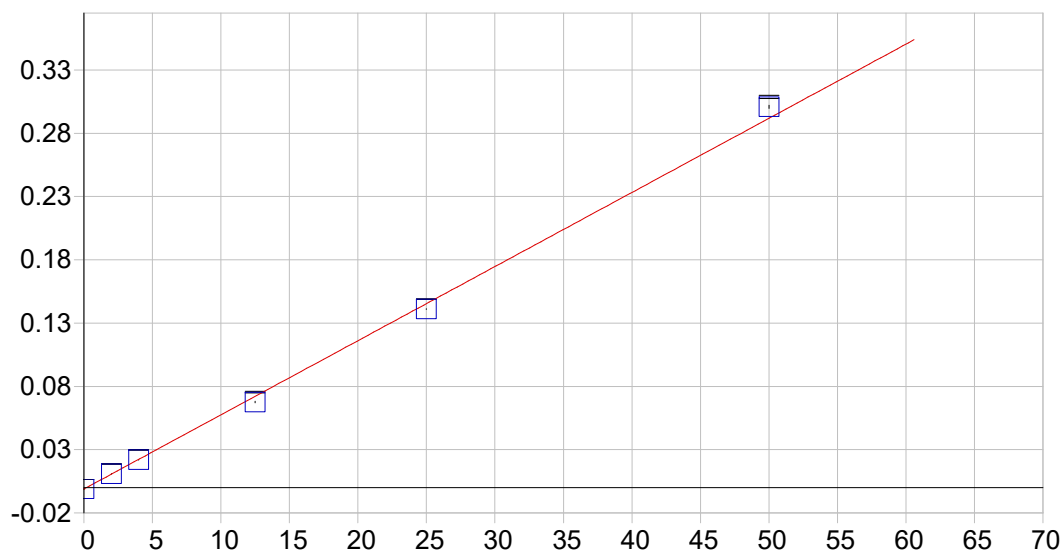


**Zn 213.856 {158}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001986 Re-Slope: 1.000000  
 A1 (Gain): 2.658235 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999844 Status: OK.  
 Std Error of Est: 0.001108  
 Predicted MDL: 0.000178  
 Predicted MQL: 0.000593

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00197 | .001    | 1        |
| S1        | .04000       | .04378      | .004       | 9.44    | .11908 | .001    | 1        |
| S3        | 1.2500       | 1.2341      | -.016      | -1.27   | 3.3031 | .011    | 1        |
| S4        | 2.5000       | 2.4575      | -.043      | -1.70   | 6.5758 | .013    | 1        |
| S5        | 5.0000       | 5.0308      | .031       | .616    | 13.458 | .008    | 1        |
| S2        | .40000       | .42386      | .024       | 5.97    | 1.1353 | .005    | 1        |

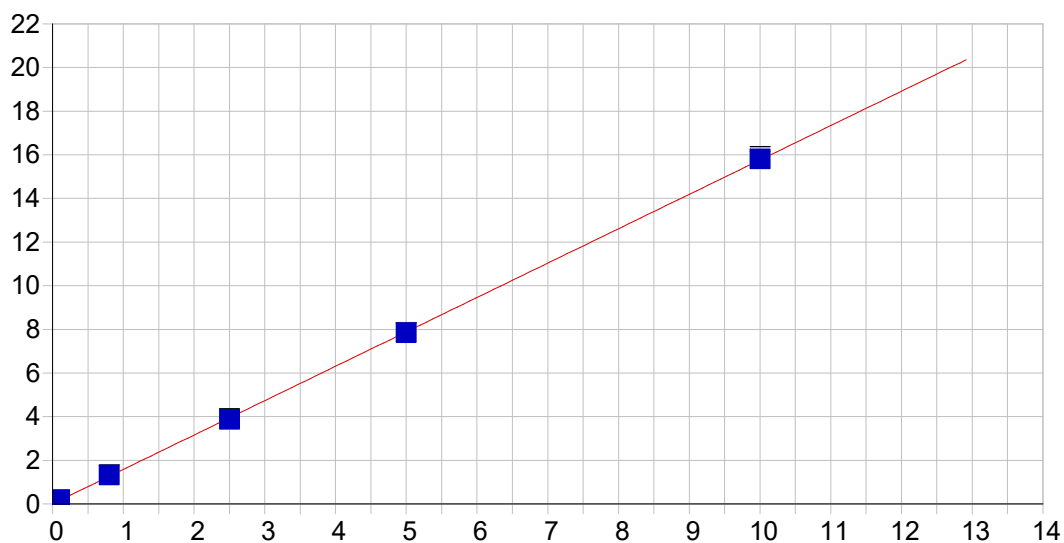


**K 766.490 { 44}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001094 Re-Slope: 1.000000  
 A1 (Gain): 0.005859 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999354 Status: OK.  
 Std Error of Est: 0.000111  
 Predicted MDL: 0.038450  
 Predicted MQL: 0.128166

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00012      | .000       | .000    | -.00109 | .000    | 1        |
| S2        | 4.0000       | 3.9306      | -.069      | -1.74   | .02193  | .000    | 1        |
| S3        | 12.500       | 11.718      | -.782      | -6.26   | .06756  | .001    | 1        |
| S4        | 25.000       | 24.261      | -.739      | -2.95   | .14104  | .000    | 1        |
| S5        | 50.000       | 51.550      | 1.55       | 3.10    | .30092  | .001    | 1        |
| S1        | 2.0000       | 2.0398      | .040       | 1.99    | .01086  | .000    | 1        |



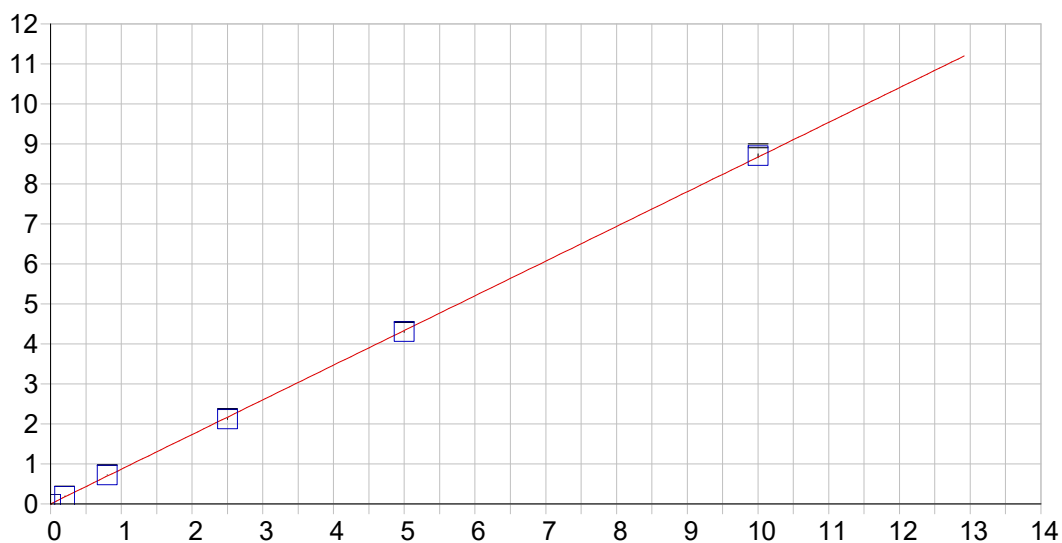
**B 249.678 {135}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004580 Re-Slope: 1.000000  
 A1 (Gain): 1.575885 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999870 Status: OK.  
 Std Error of Est: 0.001331  
 Predicted MDL: 0.000547  
 Predicted MQL: 0.001824

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00455 | .000    | 1        |
| S1        | .10000       | .11474      | .015       | 14.7    | .18483 | .002    | 1        |
| S3        | 2.5000       | 2.4505      | -.050      | -1.98   | 3.8632 | .042    | 1        |
| S4        | 5.0000       | 4.9734      | -.027      | -.532   | 7.8361 | .021    | 1        |
| S5        | 10.000       | 10.028      | .028       | .281    | 15.796 | .113    | 1        |
| S2        | .80000       | .83332      | .033       | 4.16    | 1.3168 | .013    | 1        |



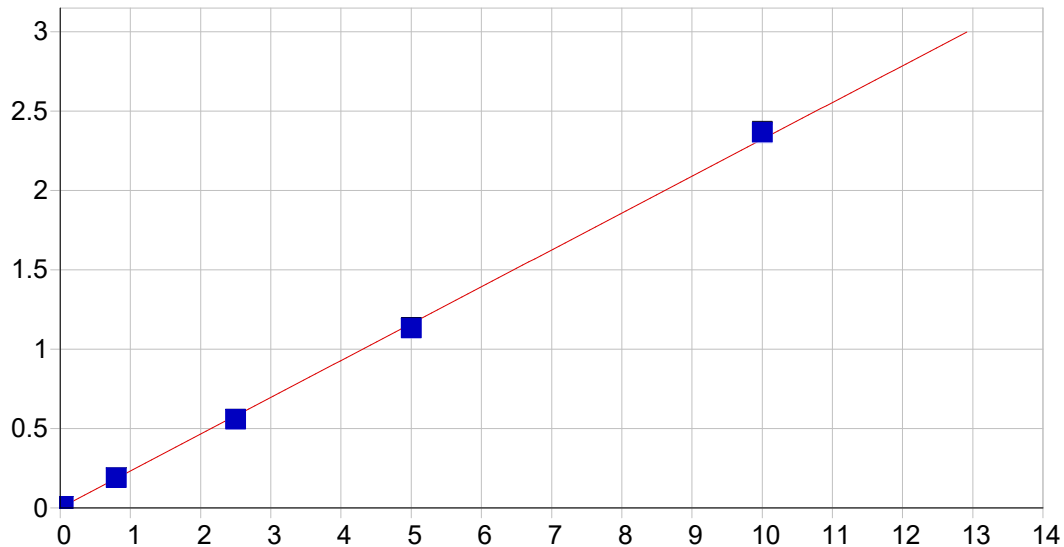


### Mo 202.030 {467}

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000379 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.867057 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999853 | Status:   | OK.      |
| Std Error of Est: | 0.001105 |           |          |
| Predicted MDL:    | 0.000221 |           |          |
| Predicted MQL:    | 0.000738 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00003     | -.000      | .000    | .00036 | .000    | 1        |
| S1        | .20000       | .22179      | .022       | 10.9    | .19268 | .001    | 1        |
| S3        | 2.5000       | 2.4472      | -.053      | -2.11   | 2.1222 | .013    | 1        |
| S4        | 5.0000       | 4.9593      | -.041      | -.814   | 4.3004 | .014    | 1        |
| S5        | 10.000       | 10.038      | .038       | .376    | 8.7035 | .046    | 1        |
| S2        | .80000       | .83413      | .034       | 4.27    | .72361 | .002    | 1        |

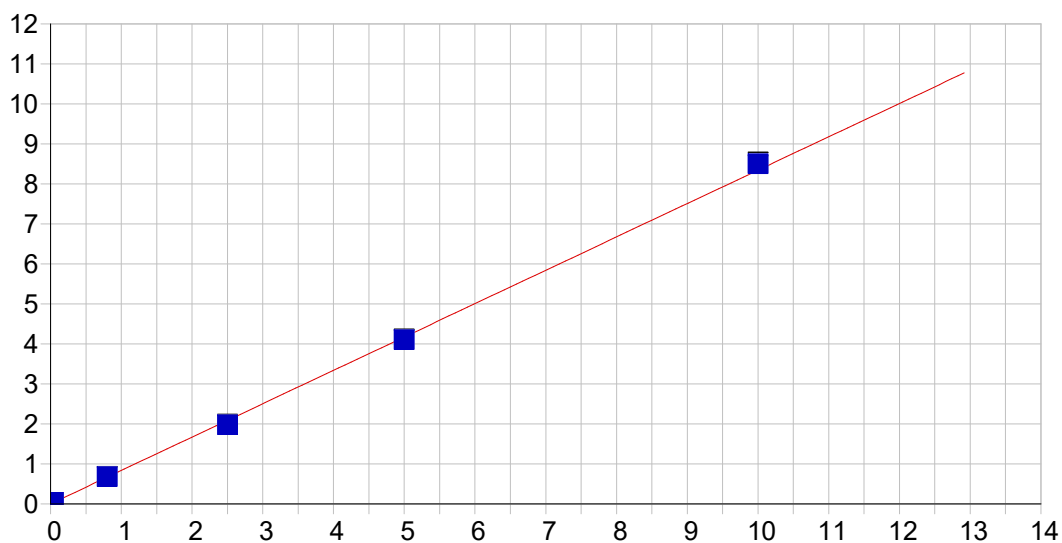


**Sn 189.989 {478}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000182 Re-Slope: 1.000000  
 A1 (Gain): 0.232210 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999703 Status: OK.  
 Std Error of Est: 0.000187  
 Predicted MDL: 0.000491  
 Predicted MQL: 0.001636

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00018 | .000    | 1        |
| S1        | .04000       | .04108      | .001       | 2.70    | .00969 | .000    | 1        |
| S3        | 2.5000       | 2.4022      | -.098      | -3.91   | .55641 | .001    | 1        |
| S4        | 5.0000       | 4.8828      | -.117      | -2.34   | 1.1309 | .003    | 1        |
| S5        | 10.000       | 10.195      | .195       | 1.95    | 2.3612 | .005    | 1        |
| S2        | .80000       | .81923      | .019       | 2.40    | .18991 | .000    | 1        |

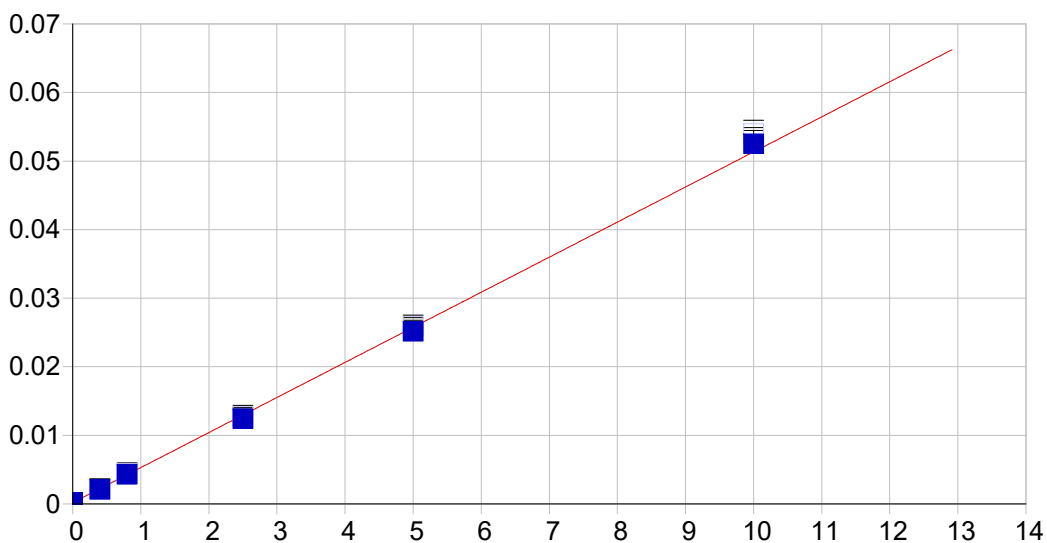


**Ti 336.121 {100}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002038 Re-Slope: 1.000000  
 A1 (Gain): 0.834097 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999677 Status: OK.  
 Std Error of Est: 0.000703  
 Predicted MDL: 0.001105  
 Predicted MQL: 0.003682

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00204 | .000    | 1        |
| S1        | .04000       | .04128      | .001       | 3.21    | .03643 | .001    | 1        |
| S3        | 2.5000       | 2.3708      | -.129      | -5.17   | 1.9790 | .011    | 1        |
| S4        | 5.0000       | 4.9221      | -.078      | -1.56   | 4.1066 | .012    | 1        |
| S5        | 10.000       | 10.190      | .190       | 1.90    | 8.4998 | .044    | 1        |
| S2        | .80000       | .81533      | .015       | 1.92    | .68194 | .008    | 1        |

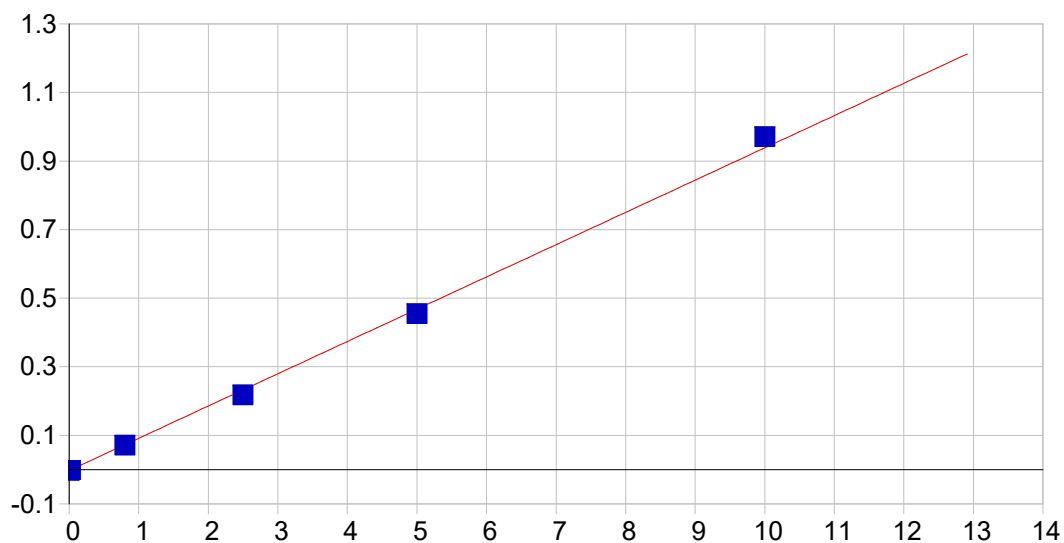


Si 288.158 {117}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000165 Re-Slope: 1.000000  
 A1 (Gain): 0.005116 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999645 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.011114  
 Predicted MQL: 0.037048

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00003      | .000       | .000    | .00017 | .000    | 1        |
| S1        | .40000       | .37837      | -.022      | -5.41   | .00211 | .000    | 1        |
| S3        | 2.5000       | 2.3899      | -.110      | -4.41   | .01276 | .000    | 1        |
| S4        | 5.0000       | 4.8886      | -.111      | -2.23   | .02591 | .000    | 1        |
| S5        | 10.000       | 10.232      | .232       | 2.32    | .05398 | .001    | 1        |
| S2        | .80000       | .81032      | .010       | 1.29    | .00443 | .000    | 1        |

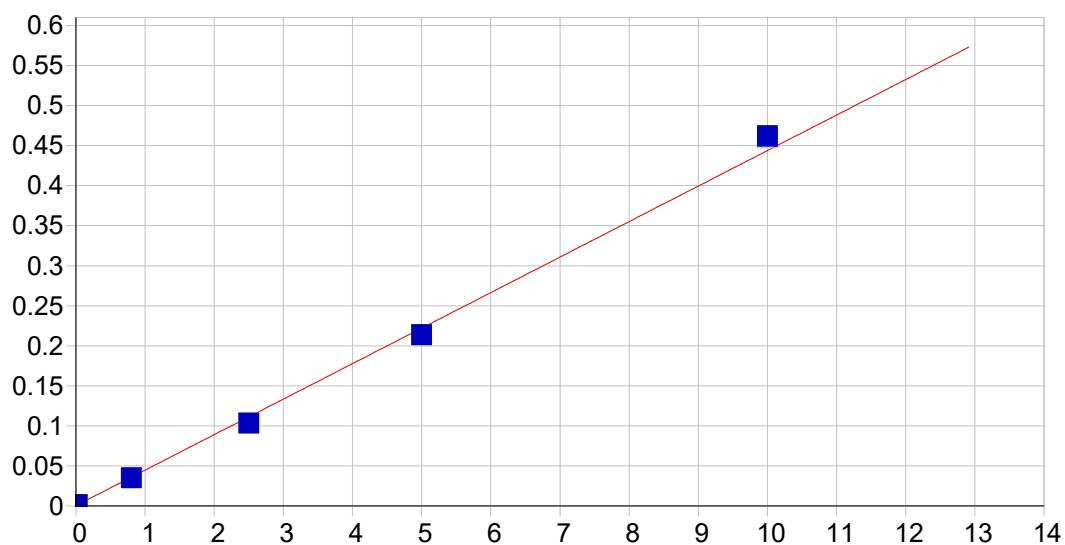


**P 177.495 {490}**

Date of Fit: 11/11/2022 4:49:00      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.002623 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.094110  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999257  | Status:   | OK.      |
| Std Error of Est: | 0.000085  |           |          |
| Predicted MDL:    | 0.001143  |           |          |
| Predicted MQL:    | 0.003810  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00262 | .000    | 1        |
| S1        | .02000       | .02010      | .000       | .498    | -.00073 | .000    | 1        |
| S3        | 2.5000       | 2.3342      | -.166      | -6.63   | .21709  | .000    | 1        |
| S4        | 5.0000       | 4.8519      | -.148      | -2.96   | .45405  | .000    | 1        |
| S5        | 10.000       | 10.336      | .336       | 3.36    | .97022  | .002    | 1        |
| S2        | .80000       | .77793      | -.022      | -2.76   | .07060  | .000    | 1        |

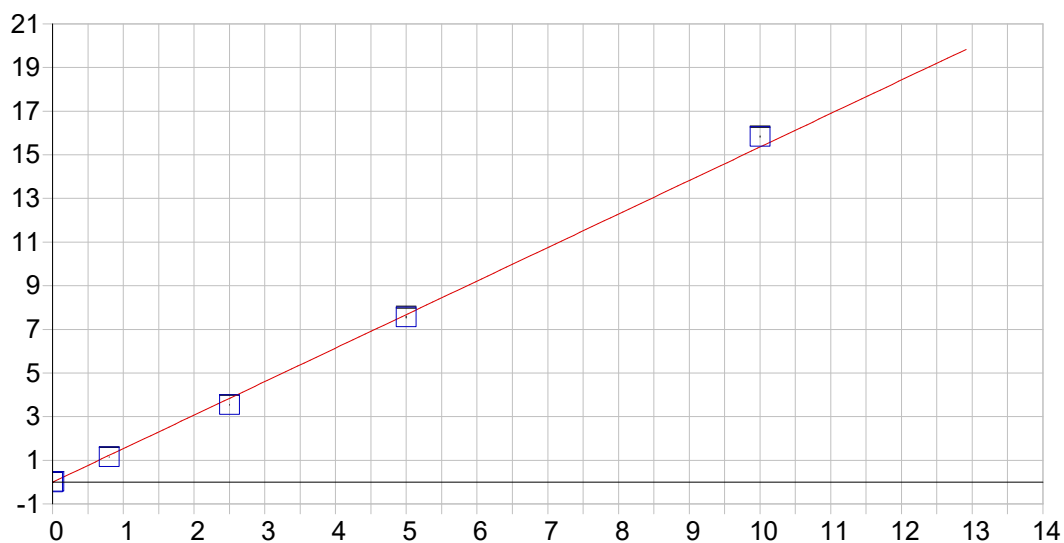


**S 182.034 {485}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000325 Re-Slope: 1.000000  
 A1 (Gain): 0.044353 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998995 Status: OK.  
 Std Error of Est: 0.000046  
 Predicted MDL: 0.002284  
 Predicted MQL: 0.007615

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00033 | .000    | 1        |
| S1        | .02000       | .02308      | .003       | 15.4    | .00130 | .000    | 1        |
| S3        | 2.5000       | 2.3205      | -.179      | -7.18   | .10279 | .000    | 1        |
| S4        | 5.0000       | 4.8074      | -.193      | -3.85   | .21264 | .000    | 1        |
| S5        | 10.000       | 10.390      | .390       | 3.90    | .45935 | .001    | 1        |
| S2        | .80000       | .77891      | -.021      | -2.64   | .03473 | .000    | 1        |

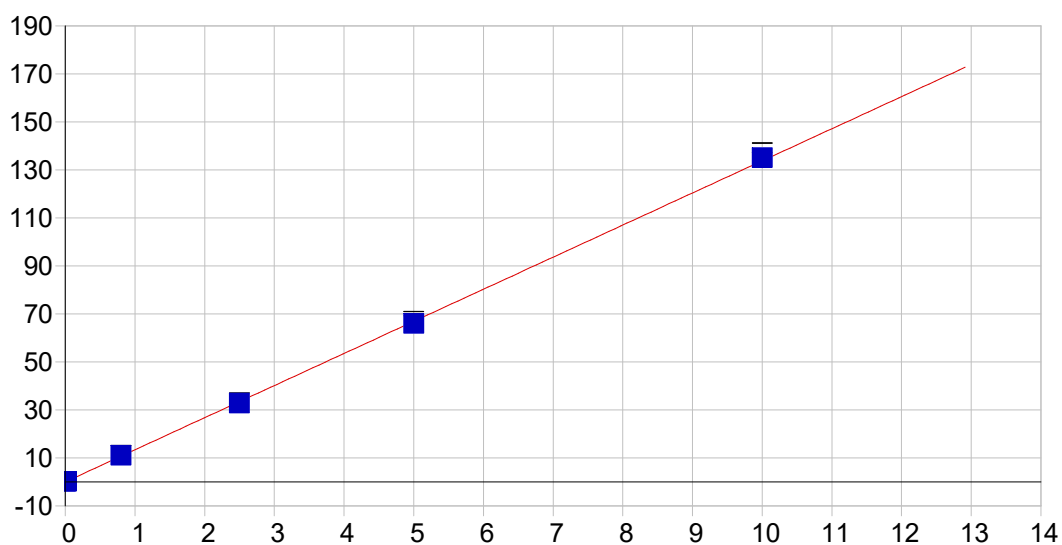


Li 670.784 { 50}

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003702 Re-Slope: 1.000000  
 A1 (Gain): 1.536045 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999234 Status: OK.  
 Std Error of Est: 0.001409  
 Predicted MDL: 0.002000  
 Predicted MQL: 0.006666

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00370 | .002    | 1        |
| S5        | 10.000       | 10.312      | .312       | 3.12    | 15.836  | .031    | 1        |
| S4        | 5.0000       | 4.9258      | -.074      | -1.48   | 7.5626  | .041    | 1        |
| S3        | 2.5000       | 2.3108      | -.189      | -7.57   | 3.5458  | .008    | 1        |
| S1        | .02000       | .01776      | -.002      | -11.2   | .02358  | .002    | 1        |
| S2        | .80000       | .75365      | -.046      | -5.79   | 1.1539  | .006    | 1        |



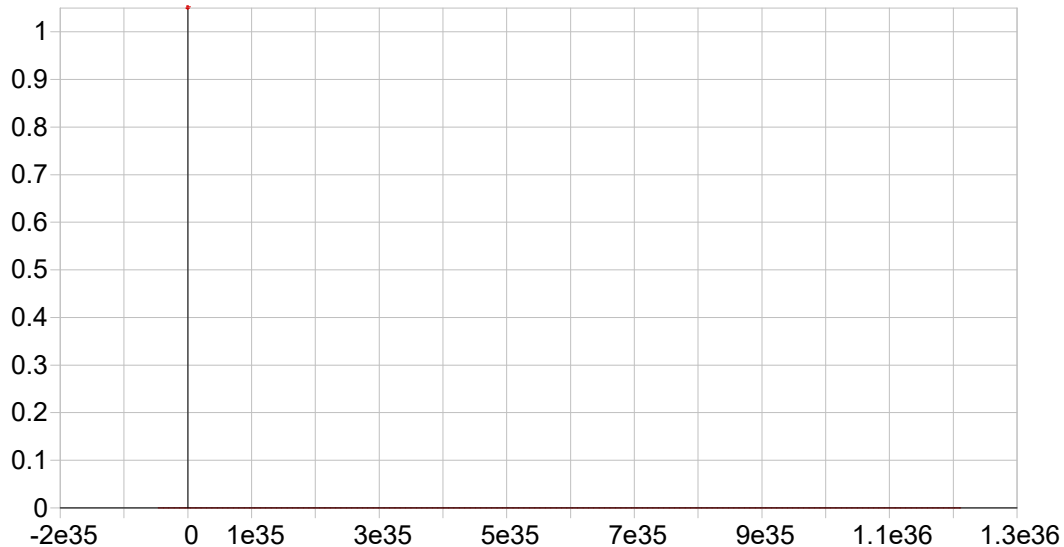
**Sr 407.771 { 83}**

Date of Fit: 11/11/2022 4:49:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000926 Re-Slope: 1.000000  
 A1 (Gain): 13.377591 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999902 Status: OK.  
 Std Error of Est: 0.004402  
 Predicted MDL: 0.000159  
 Predicted MQL: 0.000531

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00092 | .003    | 1        |
| S1        | .02000       | .01930      | -.001      | -3.51   | .25865  | .005    | 1        |
| S3        | 2.5000       | 2.4518      | -.048      | -1.93   | 32.833  | .117    | 1        |
| S4        | 5.0000       | 4.9297      | -.070      | -1.41   | 66.017  | .896    | 1        |
| S5        | 10.000       | 10.094      | .094       | .942    | 135.18  | 1.96    | 1        |
| S2        | .80000       | .82500      | .025       | 3.12    | 11.047  | .071    | 1        |



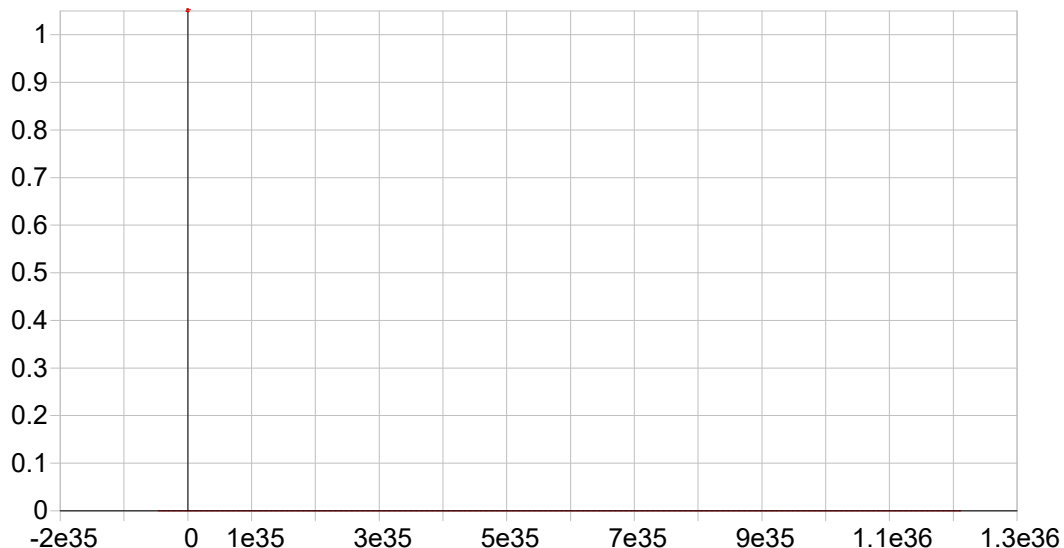


Y 224.306 {450}\*

Date of Fit: 11/11/2022 4:49:00 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      |           |                   |

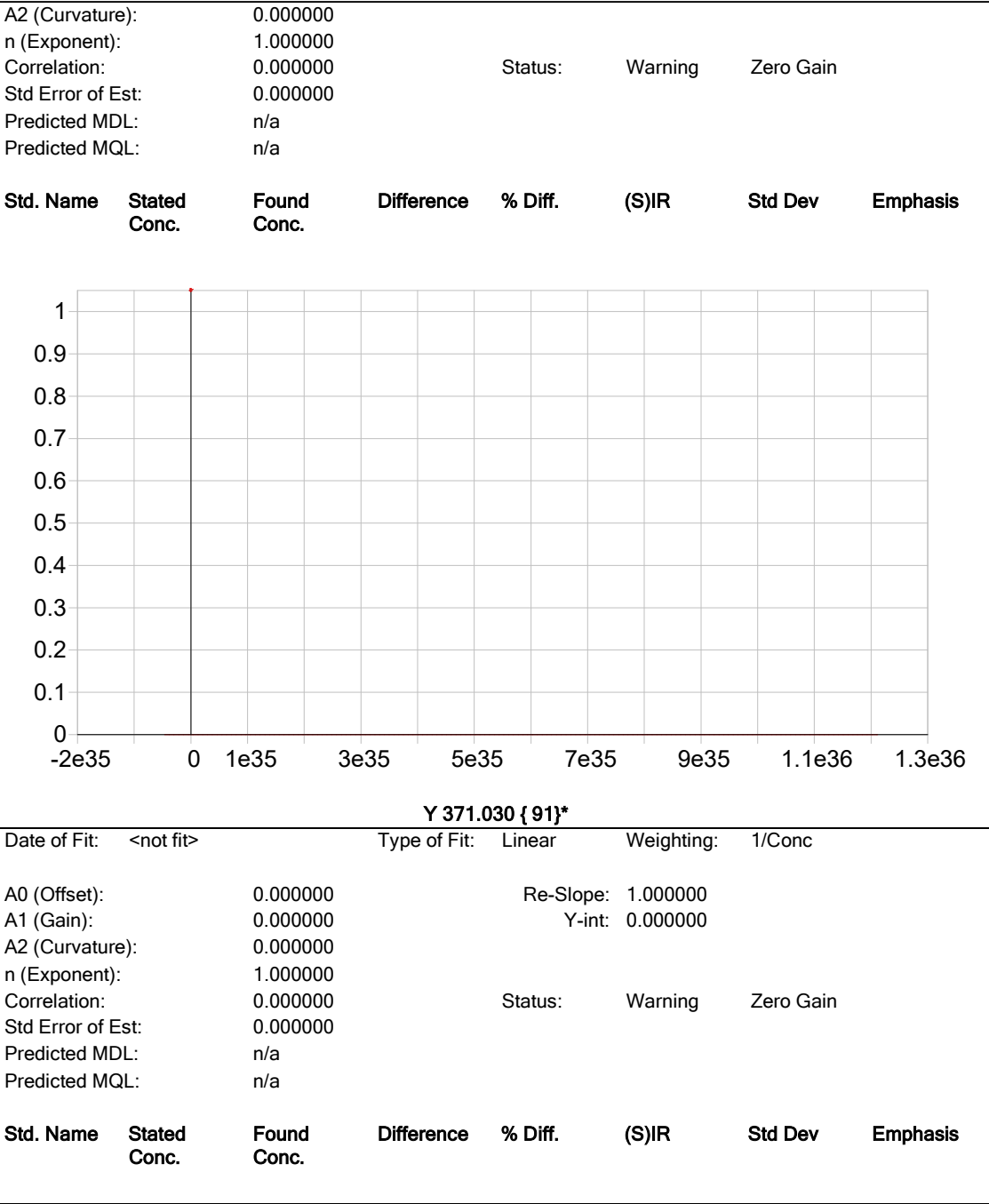
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

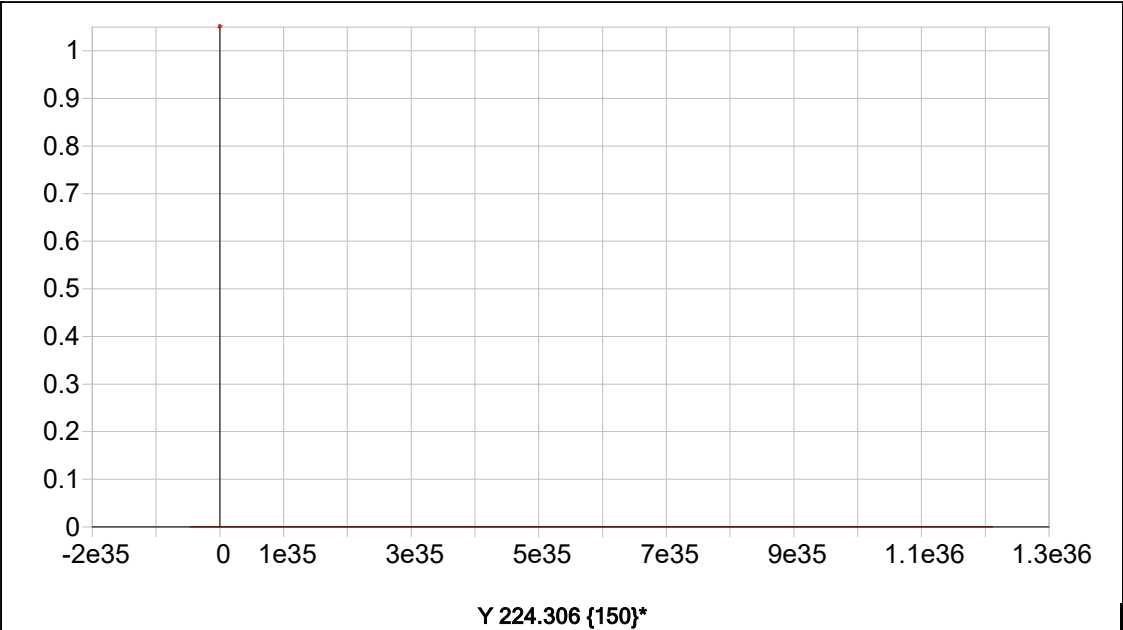


Y 360.073 { 94}\*

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 |





|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| 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}\*  
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    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| 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 |

Sample Name: S0      Acquired: 11/10/2022 12:40:15      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>-.00004</b> | <b>-.00023</b> | <b>-.00015</b> | <b>.00023</b> | <b>.00016</b> | <b>.00187</b> | <b>.00351</b> | <b>-.00286</b> |
| Stddev | .00001         | .00011         | .00016         | .00027        | .00008        | .00103        | .00070        | .00046         |
| %RSD   | 42.629         | 46.788         | 103.60         | 118.80        | 52.625        | 55.300        | 19.800        | 16.250         |

|    |                |                |                |                |               |               |               |                |
|----|----------------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|
| #1 | <b>-.00003</b> | <b>-.00030</b> | <b>-.00022</b> | <b>-.00006</b> | <b>.00013</b> | <b>.00116</b> | <b>.00400</b> | <b>-.00263</b> |
| #2 | <b>-.00002</b> | <b>-.00011</b> | <b>.00003</b>  | <b>.00026</b>  | <b>.00009</b> | <b>.00139</b> | <b>.00271</b> | <b>-.00339</b> |
| #3 | <b>-.00005</b> | <b>-.00028</b> | <b>-.00027</b> | <b>.00047</b>  | <b>.00025</b> | <b>.00305</b> | <b>.00382</b> | <b>-.00256</b> |

|        |               |                |                |               |               |               |               |                |
|--------|---------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | Cd2265        | Ca3736         | Cr2677         | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790         |
| Units  | Cts/S         | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>.00015</b> | <b>-.00131</b> | <b>-.00000</b> | <b>.00014</b> | <b>.00015</b> | <b>.00005</b> | <b>.00070</b> | <b>-.00066</b> |
| Stddev | .00017        | .00121         | .00005         | .00018        | .00025        | .00002        | .00045        | .00048         |
| %RSD   | 109.60        | 92.458         | 944.47         | 130.29        | 164.41        | 34.340        | 64.007        | 72.620         |

|    |                |                |                |                |                |               |               |                |
|----|----------------|----------------|----------------|----------------|----------------|---------------|---------------|----------------|
| #1 | <b>.00015</b>  | <b>-.00012</b> | <b>-.00003</b> | <b>.00023</b>  | <b>.00037</b>  | <b>.00007</b> | <b>.00020</b> | <b>-.00035</b> |
| #2 | <b>.00032</b>  | <b>-.00126</b> | <b>.00005</b>  | <b>.00027</b>  | <b>.00020</b>  | <b>.00005</b> | <b>.00107</b> | <b>-.00121</b> |
| #3 | <b>-.00001</b> | <b>-.00254</b> | <b>-.00003</b> | <b>-.00007</b> | <b>-.00012</b> | <b>.00004</b> | <b>.00084</b> | <b>-.00042</b> |

|        |               |                |                |                |               |                |               |               |
|--------|---------------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280         | Na5895         | V_2924         | Zn2138        | K_7664         | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S          | Cts/S         | Cts/S         |
| Avg    | <b>.00014</b> | <b>-.00088</b> | <b>-.00187</b> | <b>-.00064</b> | <b>.00197</b> | <b>-.00109</b> | <b>.00455</b> | <b>.00036</b> |
| Stddev | .00007        | .00004         | .00011         | .00024         | .00057        | .00013         | .00017        | .00029        |
| %RSD   | 52.382        | 4.1039         | 5.8388         | 37.163         | 29.024        | 12.160         | 3.8224        | 80.254        |

|    |               |                |                |                |               |                |               |               |
|----|---------------|----------------|----------------|----------------|---------------|----------------|---------------|---------------|
| #1 | <b>.00015</b> | <b>-.00091</b> | <b>-.00179</b> | <b>-.00087</b> | <b>.00201</b> | <b>-.00116</b> | <b>.00474</b> | <b>.00067</b> |
| #2 | <b>.00006</b> | <b>-.00084</b> | <b>-.00200</b> | <b>-.00065</b> | <b>.00138</b> | <b>-.00118</b> | <b>.00439</b> | <b>.00012</b> |
| #3 | <b>.00020</b> | <b>-.00089</b> | <b>-.00183</b> | <b>-.00040</b> | <b>.00252</b> | <b>-.00094</b> | <b>.00454</b> | <b>.00028</b> |

|        |               |               |               |                |               |                |                |  |
|--------|---------------|---------------|---------------|----------------|---------------|----------------|----------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774         | S_1820        | Li6707         | Sr4077         |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S          | Cts/S          |  |
| Avg    | <b>.00018</b> | <b>.00204</b> | <b>.00017</b> | <b>-.00262</b> | <b>.00033</b> | <b>-.00370</b> | <b>-.00092</b> |  |
| Stddev | .00010        | .00011        | .00003        | .00001         | .00007        | .00225         | .00277         |  |
| %RSD   | 55.970        | 5.1815        | 19.971        | .25828         | 22.978        | 60.769         | 301.20         |  |

|    |               |               |               |                |               |                |                |  |
|----|---------------|---------------|---------------|----------------|---------------|----------------|----------------|--|
| #1 | <b>.00026</b> | <b>.00204</b> | <b>.00017</b> | <b>-.00263</b> | <b>.00037</b> | <b>-.00436</b> | <b>-.00234</b> |  |
| #2 | <b>.00007</b> | <b>.00214</b> | <b>.00020</b> | <b>-.00262</b> | <b>.00024</b> | <b>-.00119</b> | <b>-.00269</b> |  |
| #3 | <b>.00022</b> | <b>.00193</b> | <b>.00013</b> | <b>-.00262</b> | <b>.00037</b> | <b>-.00554</b> | <b>.00227</b>  |  |

Sample Name: S0      Acquired: 11/10/2022 12:40:15      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 4009.1 | 64841. | 3803.8 | 4427.7 | 5062.3 |
| Stddev    | 11.6   | 100.   | 42.0   | 53.1   | 21.2   |
| %RSD      | .28954 | .15468 | 1.1043 | 1.1986 | .41966 |
| #1        | 4001.6 | 64835. | 3852.3 | 4377.7 | 5040.2 |
| #2        | 4003.3 | 64744. | 3779.8 | 4422.0 | 5064.1 |
| #3        | 4022.5 | 64944. | 3779.2 | 4483.4 | 5082.6 |

Sample Name: S1      Acquired: 11/10/2022 12:44:16      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>.00128</b> | <b>.00544</b> | <b>.00387</b> | <b>.00210</b>  | <b>.00797</b> | <b>.02257</b> | <b>.63760</b> | <b>.13353</b> |
| Stddev | .00003        | .00009        | .00015        | .00015         | .00032        | .00174        | .00676        | .00121        |
| %RSD   | 1.9724        | 1.6570        | 3.8687        | 7.1686         | 3.9997        | 7.7145        | 1.0598        | .90545        |
| #1     | .00125        | .00546        | .00396        | .00214         | .00762        | .02453        | .63676        | .13459        |
| #2     | .00128        | .00535        | .00395        | .00222         | .00824        | .02120        | .64473        | .13380        |
| #3     | .00130        | .00553        | .00370        | .00193         | .00805        | .02198        | .63130        | .13221        |
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286         | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.02173</b> | <b>.16259</b> | <b>.00172</b> | <b>.03849</b>  | <b>.01889</b> | <b>.00060</b> | <b>.05459</b> | <b>.04937</b> |
| Stddev | .00029        | .00144        | .00007        | .00031         | .00055        | .00001        | .00083        | .00048        |
| %RSD   | 1.3208        | .88568        | 3.9422        | .80851         | 2.9354        | 1.7932        | 1.5250        | .97094        |
| #1     | .02144        | .16097        | .00164        | .03855         | .01856        | .00061        | .05378        | .04884        |
| #2     | .02175        | .16308        | .00177        | .03816         | .01859        | .00060        | .05544        | .04951        |
| #3     | .02201        | .16373        | .00174        | .03877         | .01953        | .00059        | .05455        | .04977        |
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924         | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.03118</b> | <b>.00077</b> | <b>.02535</b> | <b>.01112</b>  | <b>.11908</b> | <b>.01086</b> | <b>.18483</b> | <b>.19268</b> |
| Stddev | .00009        | .00009        | .00050        | .00005         | .00106        | .00028        | .00236        | .00091        |
| %RSD   | .29473        | 11.185        | 1.9796        | .41275         | .89286        | 2.5904        | 1.2792        | .47277        |
| #1     | .03118        | .00080        | .02491        | .01112         | .11976        | .01061        | .18325        | .19208        |
| #2     | .03109        | .00084        | .02524        | .01117         | .11785        | .01079        | .18369        | .19223        |
| #3     | .03127        | .00067        | .02590        | .01108         | .11962        | .01116        | .18755        | .19373        |
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774         | S_1820        | Li6707        | Sr4077        |               |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         | Cts/S         | Cts/S         |               |
| Avg    | <b>.00969</b> | <b>.03643</b> | <b>.00211</b> | <b>-.00073</b> | <b>.00130</b> | <b>.02358</b> | <b>.25865</b> |               |
| Stddev | .00011        | .00051        | .00006        | .00005         | .00009        | .00162        | .00479        |               |
| %RSD   | 1.1650        | 1.4093        | 2.9803        | 7.4942         | 6.6851        | 6.8725        | 1.8524        |               |
| #1     | .00976        | .03622        | .00204        | -.00070        | .00133        | .02390        | .25353        |               |
| #2     | .00956        | .03702        | .00214        | -.00079        | .00120        | .02182        | .25939        |               |
| #3     | .00976        | .03606        | .00215        | -.00069        | .00136        | .02501        | .26303        |               |

Sample Name: S1      Acquired: 11/10/2022 12:44:16      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 3991.4 | 65090. | 3708.2 | 4415.8 | 4992.1 |
| Stddev    | 10.4   | 177.   | 21.3   | 66.0   | 9.1    |
| %RSD      | .25933 | .27121 | .57559 | 1.4935 | .18263 |
| #1        | 3985.4 | 65289. | 3692.2 | 4350.8 | 4990.1 |
| #2        | 4003.4 | 64952. | 3700.0 | 4414.0 | 5002.1 |
| #3        | 3985.5 | 65029. | 3732.4 | 4482.7 | 4984.2 |



Sample Name: S2      Acquired: 11/10/2022 12:48:14      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>.04894</b> | <b>.10968</b> | <b>.21728</b> | <b>.07133</b> | <b>.11946</b> | <b>.29877</b> | <b>10.109</b> | <b>.80108</b> |
| Stddev | .00021        | .00031        | .00085        | .00036        | .00051        | .00157        | .038          | .00909        |
| %RSD   | .43838        | .28567        | .39299        | .49931        | .42583        | .52490        | .37642        | 1.1347        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.04873</b> | <b>.10936</b> | <b>.21630</b> | <b>.07150</b> | <b>.11888</b> | <b>.29855</b> | <b>10.073</b> | <b>.80696</b> |
| #2 | <b>.04895</b> | <b>.10968</b> | <b>.21779</b> | <b>.07092</b> | <b>.11984</b> | <b>.30043</b> | <b>10.149</b> | <b>.80568</b> |
| #3 | <b>.04916</b> | <b>.10999</b> | <b>.21776</b> | <b>.07157</b> | <b>.11966</b> | <b>.29732</b> | <b>10.105</b> | <b>.79061</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.2754</b> | <b>.31391</b> | <b>.02579</b> | <b>.50365</b> | <b>.16854</b> | <b>.00408</b> | <b>.97230</b> | <b>.09255</b> |
| Stddev | .0048         | .00327        | .00006        | .00238        | .00075        | .00007        | .01083        | .00147        |
| %RSD   | .37396        | 1.0421        | .23147        | .47316        | .44595        | 1.8199        | 1.1137        | 1.5860        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.2701</b> | <b>.31172</b> | <b>.02584</b> | <b>.50095</b> | <b>.16786</b> | <b>.00400</b> | <b>.95997</b> | <b>.09106</b> |
| #2 | <b>1.2769</b> | <b>.31767</b> | <b>.02573</b> | <b>.50455</b> | <b>.16842</b> | <b>.00412</b> | <b>.97668</b> | <b>.09399</b> |
| #3 | <b>1.2793</b> | <b>.31234</b> | <b>.02582</b> | <b>.50546</b> | <b>.16935</b> | <b>.00413</b> | <b>.98025</b> | <b>.09261</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.30863</b> | <b>.02754</b> | <b>.05223</b> | <b>.11610</b> | <b>1.1353</b> | <b>.02193</b> | <b>1.3168</b> | <b>.72361</b> |
| Stddev | .00091        | .00011        | .00044        | .00156        | .0050         | .00031        | .0135         | .00194        |
| %RSD   | .29420        | .40357        | .85080        | 1.3409        | .44238        | 1.4289        | 1.0240        | .26741        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.30761</b> | <b>.02756</b> | <b>.05193</b> | <b>.11456</b> | <b>1.1374</b> | <b>.02168</b> | <b>1.3246</b> | <b>.72274</b> |
| #2 | <b>.30935</b> | <b>.02742</b> | <b>.05201</b> | <b>.11607</b> | <b>1.1296</b> | <b>.02184</b> | <b>1.3246</b> | <b>.72227</b> |
| #3 | <b>.30894</b> | <b>.02764</b> | <b>.05274</b> | <b>.11768</b> | <b>1.1390</b> | <b>.02228</b> | <b>1.3013</b> | <b>.72583</b> |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.18991</b> | <b>.68194</b> | <b>.00443</b> | <b>.07060</b> | <b>.03473</b> | <b>1.1539</b> | <b>11.047</b> |  |
| Stddev | .00045        | .00761        | .00008        | .00023        | .00016        | .0063         | .071          |  |
| %RSD   | .23559        | 1.1159        | 1.7100        | .33147        | .45740        | .54413        | .64707        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.18943</b> | <b>.67358</b> | <b>.00439</b> | <b>.07034</b> | <b>.03455</b> | <b>1.1546</b> | <b>11.020</b> |  |
| #2 | <b>.18997</b> | <b>.68377</b> | <b>.00438</b> | <b>.07079</b> | <b>.03479</b> | <b>1.1598</b> | <b>11.128</b> |  |
| #3 | <b>.19032</b> | <b>.68847</b> | <b>.00451</b> | <b>.07067</b> | <b>.03485</b> | <b>1.1473</b> | <b>10.993</b> |  |

Sample Name: S2      Acquired: 11/10/2022 12:48:14      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 3959.9 | 63952. | 3768.0 | 4232.5 | 4860.2 |
| Stddev    | 8.7    | 43.    | 31.9   | 2.3    | 9.0    |
| %RSD      | .21907 | .06690 | .84629 | .05405 | .18512 |
| #1        | 3965.4 | 63977. | 3743.4 | 4235.1 | 4870.3 |
| #2        | 3964.5 | 63976. | 3756.6 | 4230.6 | 4857.3 |
| #3        | 3949.9 | 63902. | 3804.0 | 4231.9 | 4853.0 |

Sample Name: S3      Acquired: 11/10/2022 12:51:57      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>.14508</b> | <b>.32136</b> | <b>.64415</b> | <b>.20627</b> | <b>.34317</b> | <b>.87255</b> | <b>30.011</b> | <b>2.3667</b> |
| Stddev | .00084        | .00120        | .00336        | .00157        | .00202        | .00534        | .069          | .0232         |
| %RSD   | .57684        | .37250        | .52104        | .75955        | .59002        | .61232        | .22891        | .98036        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14464 | .32009 | .64127 | .20518 | .34270 | .86969 | 29.942 | 2.3866 |
| #2 | .14456 | .32150 | .64334 | .20557 | .34141 | .86924 | 30.012 | 2.3412 |
| #3 | .14605 | .32247 | .64784 | .20807 | .34538 | .87871 | 30.079 | 2.3723 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.8540</b> | <b>.92557</b> | <b>.07628</b> | <b>1.4645</b> | <b>.48025</b> | <b>.01199</b> | <b>2.8043</b> | <b>.27002</b> |
| Stddev | .0181         | .00442        | .00018        | .0063         | .00194        | .00016        | .0225         | .00164        |
| %RSD   | .47017        | .47705        | .23151        | .42814        | .40373        | 1.3726        | .80151        | .60706        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8375 | .92235 | .07644 | 1.4590 | .47945 | .01183 | 2.7995 | .26857 |
| #2 | 3.8511 | .92375 | .07630 | 1.4631 | .47884 | .01200 | 2.7846 | .26970 |
| #3 | 3.8734 | .93060 | .07609 | 1.4713 | .48246 | .01216 | 2.8287 | .27180 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.89441</b> | <b>.08378</b> | <b>.16235</b> | <b>.34101</b> | <b>3.3031</b> | <b>.06756</b> | <b>3.8632</b> | <b>2.1222</b> |
| Stddev | .00218        | .00029        | .00178        | .00356        | .0108         | .00068        | .0424         | .0125         |
| %RSD   | .24390        | .34485        | 1.0980        | 1.0449        | .32742        | 1.0031        | 1.0969        | .58925        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .89338 | .08411 | .16029 | .34214 | 3.3052 | .06678 | 3.8982 | 2.1129 |
| #2 | .89294 | .08368 | .16343 | .33702 | 3.2914 | .06798 | 3.8161 | 2.1173 |
| #3 | .89692 | .08356 | .16333 | .34387 | 3.3127 | .06791 | 3.8754 | 2.1364 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>.55641</b> | <b>1.9790</b> | <b>.01276</b> | <b>.21709</b> | <b>.10279</b> | <b>3.5458</b> | <b>32.833</b> |  |
| Stddev | .00098        | .0114         | .00017        | .00025        | .00022        | .0080         | .117          |  |
| %RSD   | .17632        | .57514        | 1.3005        | .11357        | .21015        | .22632        | .35787        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .55571 | 1.9704 | .01257 | .21711 | .10268 | 3.5410 | 32.712 |  |
| #2 | .55599 | 1.9748 | .01287 | .21683 | .10266 | 3.5414 | 32.842 |  |
| #3 | .55753 | 1.9919 | .01284 | .21732 | .10304 | 3.5551 | 32.947 |  |

Sample Name: S3      Acquired: 11/10/2022 12:51:57      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 3886.2 | 62906. | 3748.1 | 4158.9 | 4618.4 |
| Stddev    | 14.0   | 254.   | 35.9   | 12.5   | 8.3    |
| %RSD      | .36096 | .40313 | .95896 | .29954 | .18048 |
| #1        | 3889.8 | 63041. | 3720.1 | 4161.4 | 4621.6 |
| #2        | 3898.0 | 63063. | 3788.7 | 4169.9 | 4624.6 |
| #3        | 3870.7 | 62613. | 3735.7 | 4145.4 | 4608.9 |

Sample Name: S4      Acquired: 11/10/2022 12:55:36      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>.29416</b> | <b>.64736</b> | <b>1.3055</b> | <b>.41690</b> | <b>.69264</b> | <b>1.7561</b> | <b>60.922</b> | <b>4.7603</b> |
| Stddev | .00071        | .00165        | .0057         | .00118        | .00054        | .0035         | .881          | .0140         |
| %RSD   | .24161        | .25420        | .43332        | .28227        | .07821        | .20133        | 1.4460        | .29432        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29344 | .64595 | 1.3007 | .41611 | .69217 | 1.7535 | 60.109 | 4.7678 |
| #2 | .29419 | .64697 | 1.3040 | .41633 | .69251 | 1.7601 | 61.858 | 4.7690 |
| #3 | .29486 | .64917 | 1.3118 | .41825 | .69323 | 1.7548 | 60.798 | 4.7442 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>7.9152</b> | <b>1.9099</b> | <b>.15315</b> | <b>2.9947</b> | <b>.95215</b> | <b>.02438</b> | <b>5.7280</b> | <b>.55713</b> |
| Stddev | .0311         | .0033         | .00002        | .0114         | .00314        | .00008        | .0188         | .00265        |
| %RSD   | .39224        | .17201        | .01449        | .38213        | .33013        | .33609        | .32903        | .47599        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.8888 | 1.9067 | .15315 | 2.9828 | .94984 | .02437 | 5.7249 | .55426 |
| #2 | 7.9074 | 1.9133 | .15313 | 2.9956 | .95088 | .02430 | 5.7482 | .55763 |
| #3 | 7.9495 | 1.9096 | .15317 | 3.0056 | .95573 | .02446 | 5.7109 | .55949 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.8187</b> | <b>.17431</b> | <b>.34670</b> | <b>.70119</b> | <b>6.5758</b> | <b>.14104</b> | <b>7.8361</b> | <b>4.3004</b> |
| Stddev | .0048         | .00054        | .00026        | .00238        | .0130         | .00024        | .0208         | .0136         |
| %RSD   | .26470        | .31150        | .07556        | .33890        | .19712        | .16776        | .26578        | .31687        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.8150 | .17442 | .34677 | .70017 | 6.5831 | .14129 | 7.8432 | 4.2927 |
| #2 | 1.8170 | .17479 | .34693 | .70391 | 6.5609 | .14101 | 7.8525 | 4.2923 |
| #3 | 1.8241 | .17372 | .34642 | .69949 | 6.5835 | .14082 | 7.8127 | 4.3161 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.1309</b> | <b>4.1066</b> | <b>.02591</b> | <b>.45405</b> | <b>.21264</b> | <b>7.5626</b> | <b>66.017</b> |
| Stddev | .0026         | .0119         | .00018        | .00044        | .00048        | .0412         | .896          |
| %RSD   | .23203        | .28977        | .69653        | .09660        | .22601        | .54474        | 1.3578        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1311 | 4.1059 | .02576 | .45359 | .21212 | 7.5900 | 67.049 |
| #2 | 1.1281 | 4.1188 | .02586 | .45410 | .21276 | 7.5825 | 65.428 |
| #3 | 1.1333 | 4.0950 | .02611 | .45446 | .21306 | 7.5152 | 65.575 |

Sample Name: S4      Acquired: 11/10/2022 12:55:36      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 3809.2 | 61395. | 3661.0 | 4068.1 | 4417.3 |
| Stddev    | 12.7   | 167.   | 14.8   | 14.6   | 13.6   |
| %RSD      | .33459 | .27272 | .40492 | .35838 | .30832 |
| #1        | 3812.1 | 61214. | 3645.4 | 4053.2 | 4424.5 |
| #2        | 3820.2 | 61545. | 3663.0 | 4082.4 | 4425.8 |
| #3        | 3795.3 | 61424. | 3674.8 | 4068.6 | 4401.6 |

Sample Name: S5      Acquired: 11/10/2022 12:59:30      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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    | <b>.60705</b> | <b>1.3091</b> | <b>2.7019</b> | <b>.85268</b> | <b>1.4231</b> | <b>3.5828</b> | <b>123.59</b> | <b>9.5418</b> |
| Stddev | .00315        | .0027         | .0108         | .00385        | .0047         | .0234         | 1.79          | .0603         |
| %RSD   | .51842        | .20351        | .40078        | .45133        | .32877        | .65401        | 1.4451        | .63155        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .60459 | 1.3065 | 2.6932 | .85028 | 1.4205 | 3.5621 | 124.41 | 9.5284 |
| #2 | .60596 | 1.3089 | 2.6985 | .85065 | 1.4203 | 3.5782 | 124.81 | 9.4894 |
| #3 | .61060 | 1.3118 | 2.7141 | .85712 | 1.4285 | 3.6082 | 121.54 | 9.6077 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2265        | Ca3736        | Cr2677        | Co2286        | Cu2247        | Fe2404        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>16.403</b> | <b>3.9764</b> | <b>.31488</b> | <b>6.2454</b> | <b>1.9298</b> | <b>.05019</b> | <b>11.724</b> | <b>1.1384</b> |
| Stddev | .065          | .0160         | .00018        | .0202         | .0056         | .00036        | .075          | .0096         |
| %RSD   | .39725        | .40288        | .05756        | .32300        | .29167        | .72149        | .64284        | .84285        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 16.343 | 3.9579 | .31504 | 6.2268 | 1.9247 | .04985 | 11.650 | 1.1274 |
| #2 | 16.393 | 3.9859 | .31491 | 6.2425 | 1.9289 | .05057 | 11.721 | 1.1426 |
| #3 | 16.472 | 3.9853 | .31468 | 6.2669 | 1.9358 | .05016 | 11.800 | 1.1452 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na5895        | V_2924        | Zn2138        | K_7664        | B_2496        | Mo2020        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.7880</b> | <b>.37272</b> | <b>.74517</b> | <b>1.4268</b> | <b>13.458</b> | <b>.30092</b> | <b>15.796</b> | <b>8.7035</b> |
| Stddev | .0082         | .00115        | .00453        | .0030         | .008          | .00134        | .113          | .0459         |
| %RSD   | .21546        | .30874        | .60728        | .20944        | .06113        | .44368        | .71844        | .52797        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.7797 | .37382 | .74395 | 1.4234 | 13.451 | .30028 | 15.768 | 8.6675 |
| #2 | 3.7884 | .37152 | .75018 | 1.4288 | 13.467 | .30245 | 15.698 | 8.6879 |
| #3 | 3.7960 | .37283 | .74138 | 1.4284 | 13.456 | .30002 | 15.920 | 8.7553 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Sn1899        | Ti3361        | Si2881        | P_1774        | S_1820        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.3612</b> | <b>8.4998</b> | <b>.05398</b> | <b>.97022</b> | <b>.45935</b> | <b>15.836</b> | <b>135.18</b> |
| Stddev | .0053         | .0436         | .00052        | .00169        | .00132        | .031          | 1.96          |
| %RSD   | .22426        | .51301        | .96777        | .17383        | .28724        | .19725        | 1.4492        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3559 | 8.4526 | .05338 | .96904 | .45807 | 15.800 | 132.93 |
| #2 | 2.3611 | 8.5082 | .05432 | .96948 | .45929 | 15.857 | 136.10 |
| #3 | 2.3665 | 8.5386 | .05423 | .97215 | .46070 | 15.851 | 136.50 |

Sample Name: S5      Acquired: 11/10/2022 12:59:30      Type: Cal  
Method: NON EPA-6010-200.7(v1621)      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       | 3689.3 | 59492. | 3619.8 | 3920.7 | 4135.1 |
| Stddev    | 10.5   | 84.    | 22.3   | 7.8    | 5.4    |
| %RSD      | .28408 | .14160 | .61618 | .19802 | .13097 |
| #1        | 3697.2 | 59564. | 3627.5 | 3928.0 | 4141.1 |
| #2        | 3693.2 | 59400. | 3637.3 | 3912.5 | 4133.5 |
| #3        | 3677.4 | 59513. | 3594.7 | 3921.6 | 4130.6 |



Sample Name: ICV01      Acquired: 11/10/2022 13:15:54      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.007505</b> | <b>1.038408</b> | <b>.9917740</b> | <b>1.010029</b> | <b>.9924124</b> | <b>2.408307</b> |
| Stddev | .003304         | .004924         | .0056045        | .010132         | .0091181        | .050324         |
| %RSD   | .3279095        | .4741904        | .5650968        | 1.003128        | .9187760        | 2.089609        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.008692 | 1.037393 | .9917934 | 1.000463 | .9834381 | 2.350269 |
| #2 | 1.003772 | 1.034071 | .9861598 | 1.008978 | .9921313 | 2.434836 |
| #3 | 1.010051 | 1.043761 | .9973687 | 1.020645 | 1.001668 | 2.439816 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4741306</b> | <b>.4821682</b> | <b>.4838331</b> | <b>9.167333</b> | <b>.5066418</b> | <b>.4907509</b> |
| Stddev | .0085337        | .0059218        | .0022665        | .179106         | .0006705        | .0073159        |
| %RSD   | 1.799863        | 1.228169        | .4684379        | 1.953746        | .1323359        | 1.490761        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4642773 | .4756033 | .4833520 | 8.960649 | .5059254 | .4853586 |
| #2 | .4789639 | .4871074 | .4818459 | 9.277039 | .5067460 | .4990786 |
| #3 | .4791506 | .4837937 | .4863016 | 9.264311 | .5072541 | .4878155 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5249409</b> | <b>9.439461</b> | <b>.4933244</b> | <b>5.649918</b> | <b>.5041576</b> | <b>.2377615</b> |
| Stddev | .0040644        | .128165         | .0100830        | .129846         | .0036013        | .0012761        |
| %RSD   | .7742537        | 1.357761        | 2.043896        | 2.298186        | .7143195        | .5367318        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5205523 | 9.315245 | .4817882 | 5.513583 | .5005657 | .2388518 |
| #2 | .5256948 | 9.431898 | .4977310 | 5.664053 | .5041389 | .2380749 |
| #3 | .5285755 | 9.571241 | .5004541 | 5.772118 | .5077682 | .2363579 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.178239</b> | <b>.4856365</b> | <b>1.018064</b> | <b>9.532474</b> | <b>2.327436</b> | <b>2.402711</b> |
| Stddev | .075584         | .0050578        | .000972         | .133268         | .027936         | .012117         |
| %RSD   | .8235094        | 1.041479        | .0954525        | 1.398038        | 1.200283        | .5043236        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.119556 | .4804032 | 1.019134 | 9.684591 | 2.297256 | 2.394170 |
| #2 | 9.151634 | .4860080 | 1.017822 | 9.436277 | 2.352389 | 2.397384 |
| #3 | 9.263528 | .4904983 | 1.017236 | 9.476553 | 2.332663 | 2.416580 |

Sample Name: ICV01      Acquired: 11/10/2022 13:15:54      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                   |                   |                   |                   |
|--------|-----------------|-----------------|-------------------|-------------------|-------------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881            | P_1774            | S_1820            | Li6707            |
| Units  | ppm             | ppm             | ppm               | ppm               | ppm               | ppm               |
| Avg    | <b>2.484336</b> | <b>2.357460</b> | <b>F 2.234939</b> | <b>F -.000588</b> | <b>F .0063389</b> | <b>F .0024192</b> |
| Stddev | .038594         | .045416         | .036609           | .000492           | .0014932          | .0024104          |
| %RSD   | 1.553483        | 1.926465        | 1.638010          | 83.67219          | 23.55620          | 99.63514          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.467897 | 2.305387 | 2.266292 | -.001076 | .0064926 | .0027798 |
| #2 | 2.528428 | 2.378119 | 2.194708 | -.000597 | .0077493 | .0046289 |
| #3 | 2.456684 | 2.388873 | 2.243816 | -.000092 | .0047748 | -.000151 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F -.008843</b> |
| Stddev | .000264           |
| %RSD   | 2.986998          |

|    |          |
|----|----------|
| #1 | -.008538 |
| #2 | -.009003 |
| #3 | -.008989 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3926.600</b> | <b>64544.08</b> | <b>3928.072</b> | <b>4050.386</b> | <b>4664.414</b> |
| Stddev    | 12.145          | 172.52          | 37.828          | 4.016           | 15.583          |
| %RSD      | .3092905        | .2672850        | .9630289        | .0991450        | .3340814        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3924.487 | 64375.62 | 3969.838 | 4046.483 | 4650.973 |
| #2 | 3939.662 | 64720.39 | 3896.113 | 4054.506 | 4681.495 |
| #3 | 3915.650 | 64536.23 | 3918.264 | 4050.170 | 4660.774 |

Sample Name: LLICV01      Acquired: 11/10/2022 13:19:35      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0229244 | .0444170 | .0149613 | .0210105 | .0578665 | .1100615 | .1014479 |
| Stddev | .0011852 | .0011475 | .0009168 | .0005332 | .0013011 | .0091625 | .0014073 |
| %RSD   | 5.169951 | 2.583402 | 6.127521 | 2.538015 | 2.248396 | 8.324901 | 1.387175 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0227572 | .0457236 | .0139155 | .0204087 | .0574478 | .1206385 | .1013691 |
| #2 | .0241843 | .0435730 | .0156262 | .0211984 | .0593254 | .1045565 | .1028930 |
| #3 | .0218317 | .0439545 | .0153423 | .0214243 | .0568264 | .1049895 | .1000818 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068241 | .0067395 | 2.084014 | .0114106 | .0318682 | .0244372 | .1127803 |
| Stddev | .0000891 | .0000124 | .045614  | .0001729 | .0000947 | .0003429 | .0038285 |
| %RSD   | 1.305639 | .1841670 | 2.188766 | 1.515166 | .2970754 | 1.403065 | 3.394642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0067978 | .0067252 | 2.045818 | .0115803 | .0318422 | .0243654 | .1104499 |
| #2 | .0069234 | .0067454 | 2.134520 | .0112347 | .0317893 | .0241359 | .1171989 |
| #3 | .0067512 | .0067478 | 2.071705 | .0114170 | .0319732 | .0248103 | .1106922 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0229923 | 2.159997 | .0424657 | .0115186 | 2.079889 | .0459814 | .0455559 |
| Stddev | .0002425 | .026077  | .0001105 | .0006914 | .029780  | .0009249 | .0002604 |
| %RSD   | 1.054884 | 1.207261 | .2601010 | 6.002443 | 1.431790 | 2.011554 | .5715228 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0227690 | 2.132789 | .0424657 | .0118716 | 2.061494 | .0454978 | .0456399 |
| #2 | .0232504 | 2.162429 | .0423552 | .0107220 | 2.063927 | .0470479 | .0457639 |
| #3 | .0229576 | 2.184772 | .0425761 | .0119623 | 2.114247 | .0453985 | .0452639 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.158118 | .1191885 | .2230220 | .0429715 | .0415687 | .4104561 | .0203397 |
| Stddev | .026195  | .0018666 | .0005682 | .0004604 | .0014166 | .0084594 | .0007221 |
| %RSD   | 1.213797 | 1.566092 | .2547882 | 1.071508 | 3.407938 | 2.060967 | 3.550238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.129775 | .1191456 | .2233092 | .0432253 | .0405940 | .4038411 | .0201669 |
| #2 | 2.163142 | .1210762 | .2223675 | .0424401 | .0431937 | .4075392 | .0197197 |
| #3 | 2.181438 | .1173437 | .2233894 | .0432493 | .0409182 | .4199879 | .0211326 |

Sample Name: LLICV01      Acquired: 11/10/2022 13:19:35      Type: Unk  
 Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0241911 | .0212065 | .0196107 |
| Stddev | .0025053 | .0022299 | .0000980 |
| %RSD   | 10.35621 | 10.51498 | .4996820 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0269928 | .0220656 | .0195602 |
| #2 | .0234145 | .0186749 | .0195483 |
| #3 | .0221661 | .0228791 | .0197236 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3935.977 | 65408.68 | 3915.060 | 4357.413 | 4859.374 |
| Stddev    | 9.662    | 171.44   | 44.418   | 11.114   | 5.699    |
| %RSD      | .2454697 | .2621094 | 1.134550 | .2550538 | .1172887 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3942.585 | 65275.53 | 3906.740 | 4365.925 | 4863.212 |
| #2 | 3940.457 | 65602.12 | 3875.390 | 4344.840 | 4862.084 |
| #3 | 3924.889 | 65348.38 | 3963.050 | 4361.476 | 4852.825 |

Sample Name: ICB01      Acquired: 11/10/2022 13:26:11      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000887 | .0001378 | .0009325 | .0005209 | .0022361 | .0060503 | .0003084 |
| Stddev | .000269  | .0003517 | .0006965 | .0008103 | .0021938 | .0060555 | .0003124 |
| %RSD   | 30.36341 | 255.2300 | 74.69851 | 155.5749 | 98.11097 | 100.0851 | 101.2987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001091 | -.000151 | .0001282 | .0010490 | .0000297 | .0095041 | .0002810 |
| #2 | -.000582 | .000530  | .0013281 | .0009257 | .0022614 | .0095886 | .0006337 |
| #3 | -.000987 | .000034  | .0013411 | -.000412 | .0044171 | -.000942 | .0000106 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000285 | -.000030 | .0084233 | .0000325 | .0000319 | -.000189 | .0078282 |
| Stddev | .0000209 | .000087  | .0089044 | .0002311 | .0001551 | .000112  | .0019707 |
| %RSD   | 73.33579 | 293.7343 | 105.7110 | 712.2783 | 485.8097 | 59.26910 | 25.17513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000078 | -.000081 | .0079514 | .0000979 | -.000025 | -.000315 | .0077736 |
| #2 | .0000281 | -.000079 | .0175542 | .0002238 | -.000087 | -.000146 | .0058852 |
| #3 | .0000496 | .000071  | -.000236 | -.000224 | .000208  | -.000104 | .0098256 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002080 | .0169134 | -.000197 | .0007944 | .0332425 | .0000368 | .0005320 |
| Stddev | .0001748 | .0134438 | .000078  | .0004113 | .0035005 | .0020655 | .0000827 |
| %RSD   | 84.05064 | 79.48567 | 39.80238 | 51.77227 | 10.53007 | 5607.408 | 15.54561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002743 | .0074989 | -.000218 | .0004472 | .0372420 | -.001583 | .0004365 |
| #2 | .0003400 | .0323099 | -.000262 | .0006873 | .0317487 | -.000669 | .0005785 |
| #3 | .0000097 | .0109315 | -.000110 | .0012486 | .0307368 | .002363  | .0005810 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0456380 | .0039989 | .0000468 | .0000150 | -.001266 | -.004674 | -.000161 |
| Stddev | .0308969 | .0002482 | .0000553 | .0005024 | .001351  | .005532  | .000533  |
| %RSD   | 67.70002 | 6.206955 | 118.2324 | 3345.372 | 106.7010 | 118.3685 | 330.2997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0759403 | .0038245 | .0000878 | -.000436 | -.000364 | -.002231 | .000222  |
| #2 | .0467948 | .0042831 | .0000686 | -.000076 | -.002818 | -.000783 | .000064  |
| #3 | .0141789 | .0038892 | -.000016 | .000556  | -.000615 | -.011007 | -.000770 |

Sample Name: ICB01      Acquired: 11/10/2022 13:26:11      Type: Unk  
 Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0010683</b> | <b>.0013826</b> | <b>.0000869</b> |
| Stddev | .0006417        | .0004252        | .0001329        |
| %RSD   | 60.06298        | 30.75156        | 152.9136        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0013109</b> | <b>.0010350</b> | <b>.0001357</b> |
| #2 | <b>.0015533</b> | <b>.0012562</b> | <b>.0001885</b> |
| #3 | <b>.0003407</b> | <b>.0018567</b> | <b>-.000063</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3927.101</b> | <b>66231.01</b> | <b>4027.247</b> | <b>4236.962</b> | <b>4893.836</b> |
| Stddev    | 12.241          | 521.68          | 50.224          | 119.874         | 11.192          |
| %RSD      | .3117072        | .7876712        | 1.247106        | 2.829246        | .2286959        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3914.342 | 66070.58 | 3985.150 | 4099.521 | 4881.338 |
| #2 | 3938.749 | 65808.38 | 4013.750 | 4291.464 | 4897.236 |
| #3 | 3928.214 | 66814.06 | 4082.840 | 4319.902 | 4902.933 |

Sample Name: CRI01      Acquired: 11/10/2022 13:30:13      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0224772 | .0442940 | .0158449 | .0230595 | .0572898 | F .1321835 |
| Stddev | .0012850 | .0011904 | .0003495 | .0005338 | .0008420 | .0066268   |
| %RSD   | 5.716985 | 2.687393 | 2.205867 | 2.315009 | 1.469678 | 5.013349   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0232451 | .0438976 | .0158340 | .0224859 | .0566982 | .1314289 |
| #2 | .0231928 | .0433525 | .0161997 | .0235418 | .0582538 | .1391553 |
| #3 | .0209937 | .0456320 | .0155009 | .0231507 | .0569175 | .1259662 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1005206 | .0065836 | .0067158 | 2.054527 | .0107054 | .0315968 |
| Stddev | .0010926 | .0001008 | .0000742 | .042358  | .0004217 | .0001667 |
| %RSD   | 1.086937 | 1.530817 | 1.104481 | 2.061689 | 3.939649 | .5275623 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0992760 | .0064860 | .0066730 | 2.009762 | .0102232 | .0314867 |
| #2 | .1013219 | .0066873 | .0066729 | 2.059845 | .0108873 | .0315151 |
| #3 | .1009638 | .0065774 | .0068014 | 2.093975 | .0110056 | .0317886 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0245073 | .1185199 | .0225733 | 2.129748 | .0421478 | .0117044 |
| Stddev | .0001832 | .0011524 | .0003722 | .021167  | .0002964 | .0004240 |
| %RSD   | .7474792 | .9723477 | 1.648758 | .9938572 | .7033158 | 3.622292 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0243761 | .1174534 | .0221470 | 2.107958 | .0424850 | .0118363 |
| #2 | .0247166 | .1197424 | .0227394 | 2.131055 | .0420302 | .0112301 |
| #3 | .0244293 | .1183639 | .0228335 | 2.150231 | .0419283 | .0120467 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.112363 | .0442959 | .0460890 | 2.139749 | .1065352 | .2177350 |
| Stddev | .016594  | .0021759 | .0003066 | .011586  | .0046099 | .0009958 |
| %RSD   | .7855556 | 4.912173 | .6652349 | .5414424 | 4.327092 | .4573654 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.117440 | .0423977 | .0463271 | 2.150311 | .1012213 | .2165868 |
| #2 | 2.093825 | .0438196 | .0457431 | 2.141579 | .1089229 | .2182540 |
| #3 | 2.125826 | .0466705 | .0461968 | 2.127358 | .1094614 | .2183641 |

Sample Name: CRI01      Acquired: 11/10/2022 13:30:13      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0429521</b> | <b>.0407301</b> | <b>.3980600</b> | <b>.0208377</b> | <b>.0216644</b> | <b>.0226899</b> |
| Stddev | .0001193        | .0002121        | .0043826        | .0007734        | .0007648        | .0014697        |
| %RSD   | .2776300        | .5207867        | 1.100998        | 3.711649        | 3.530035        | 6.477333        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0430859 | .0406310 | .3952014 | .0214732 | .0225243 | .0210144 |
| #2 | .0428571 | .0409737 | .3958729 | .0199766 | .0210603 | .0232944 |
| #3 | .0429133 | .0405857 | .4031058 | .0210634 | .0214087 | .0237610 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0196113</b> |
| Stddev | .0000786        |
| %RSD   | .4006793        |

|    |          |
|----|----------|
| #1 | .0195224 |
| #2 | .0196714 |
| #3 | .0196402 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3947.369</b> | <b>66195.48</b> | <b>4083.087</b> | <b>4234.176</b> | <b>4850.378</b> |
| Stddev    | 13.182          | 315.45          | 33.637          | 141.707         | 14.255          |
| %RSD      | .3339392        | .4765421        | .8238013        | 3.346753        | .2938968        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3955.561 | 65859.83 | 4113.330 | 4071.014 | 4853.863 |
| #2 | 3954.384 | 66485.82 | 4046.860 | 4305.052 | 4862.568 |
| #3 | 3932.164 | 66240.80 | 4089.070 | 4326.463 | 4834.704 |



Sample Name: ICSA01      Acquired: 11/10/2022 13:34:11      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0064502 | .0211609 | .0021293 | -.009293 | .0229051 | 233.7092 |
| Stddev | .0037442 | .0013769 | .0010108 | .002539  | .0027501 | 4.3264   |
| %RSD   | 58.04830 | 6.507009 | 47.46957 | 27.32036 | 12.00666 | 1.851209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081699 | .0224972 | .0009753 | -.006366 | .0239131 | 229.4138 |
| #2 | .0090255 | .0212388 | .0025553 | -.010897 | .0197932 | 238.0661 |
| #3 | .0021550 | .0197466 | .0028573 | -.010616 | .0250090 | 233.6476 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0059247 | -.000402 | F .0081436 | 241.5946 | .0584905 | .0047096 |
| Stddev | .0001149 | .000030  | .0002664   | 3.7099   | .0006105 | .0003707 |
| %RSD   | 1.939633 | 7.440509 | 3.270657   | 1.535589 | 1.043780 | 7.871940 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0059453 | -.000368 | .0082279 | 240.9293 | .0591288 | .0043626 |
| #2 | .0060279 | -.000410 | .0078453 | 245.5921 | .0579122 | .0046662 |
| #3 | .0058008 | -.000426 | .0083576 | 238.2624 | .0584306 | .0051002 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078994 | 100.7358 | .0122966 | 255.5860 | .0026786 | .0012475 |
| Stddev | .0014571 | .8515    | .0003670 | 3.6245   | .0004237 | .0005341 |
| %RSD   | 18.44615 | .8452927 | 2.984186 | 1.418098 | 15.81628 | 42.81379 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0080087 | 99.7590  | .0121196 | 254.1575 | .0030228 | .0006308 |
| #2 | .0063907 | 101.1262 | .0127185 | 259.7071 | .0022055 | .0015624 |
| #3 | .0092988 | 101.3220 | .0120518 | 252.8935 | .0028077 | .0015493 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0559817 | .0052273 | -.000730 | .0721463 | F .1267539 | .0004054 |
| Stddev | .0062649 | .0028764 | .000284  | .0161264 | .0025673   | .0001236 |
| %RSD   | 11.19096 | 55.02615 | 38.87913 | 22.35242 | 2.025440   | 30.50121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0504917 | .0039117 | -.000533 | .0609294 | .1238318 | .0005457 |
| #2 | .0628063 | .0032440 | -.001055 | .0906271 | .1277822 | .0003126 |
| #3 | .0546470 | .0085263 | -.000601 | .0648823 | .1286477 | .0003578 |

Sample Name: ICSA01      Acquired: 11/10/2022 13:34:11      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000619</b> | <b>-.002478</b> | <b>-.009167</b> | <b>.0042461</b> | <b>-.007279</b> | <b>.0046557</b> |
| Stddev | .000760         | .001194         | .004719         | .0004240        | .000883         | .0006830        |
| %RSD   | 122.6751        | 48.15935        | 51.48008        | 9.985496        | 12.12677        | 14.67046        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000089  | -.003627 | -.004209 | .0038259 | -.008284 | .0042792 |
| #2 | -.000525 | -.002564 | -.009689 | .0046738 | -.006921 | .0042438 |
| #3 | -.001422 | -.001244 | -.013605 | .0042385 | -.006631 | .0054441 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>-.014339</b> |
| Stddev | .000850         |
| %RSD   | 5.927343        |

|    |                 |
|----|-----------------|
| #1 | <b>-.013369</b> |
| #2 | <b>-.014697</b> |
| #3 | <b>-.014952</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3618.271</b> | <b>60328.34</b> | <b>4195.284</b> | <b>3992.652</b> | <b>3816.381</b> |
| Stddev    | 43.355          | 203.24          | 55.023          | 31.008          | 41.727          |
| %RSD      | 1.198227        | .3368978        | 1.311550        | .7766304        | 1.093353        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3637.971 | 60312.60 | 4178.824 | 4015.286 | 3836.023 |
| #2 | 3648.279 | 60539.00 | 4150.369 | 3957.308 | 3844.662 |
| #3 | 3568.564 | 60133.42 | 4256.659 | 4005.362 | 3768.458 |

Sample Name: ICSAB01      Acquired: 11/10/2022 13:38:15      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1055779</b> | <b>.1100791</b> | <b>.0530377</b> | <b>.0420961</b> | <b>.6414712</b> | <b>232.6302</b> |
| Stddev | .0010202        | .0012219        | .0006710        | .0010574        | .0042242        | 3.0956          |
| %RSD   | .9663408        | 1.110039        | 1.265084        | 2.511905        | .6585170        | 1.330692        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1065720 | .1102919 | .0537842 | .0416939 | .6425949 | 233.0009 |
| #2 | .1056284 | .1087647 | .0524850 | .0412989 | .6367988 | 229.3659 |
| #3 | .1045334 | .1111806 | .0528439 | .0432957 | .6450200 | 235.5237 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4676782</b> | <b>.4588776</b> | <b>1.015128</b> | <b>240.6646</b> | <b>.5666604</b> | <b>.5254749</b> |
| Stddev | .0044286        | .0058421        | .003164         | 2.5253          | .0006759        | .0026661        |
| %RSD   | .9469369        | 1.273129        | .3116860        | 1.049315        | .1192766        | .5073598        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4644778 | .4645001 | 1.011542 | 239.7888 | .5659821 | .5270048 |
| #2 | .4658244 | .4528382 | 1.016316 | 238.6938 | .5673339 | .5223964 |
| #3 | .4727325 | .4592946 | 1.017526 | 243.5112 | .5666654 | .5270234 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5001786</b> | <b>99.63906</b> | <b>.4599969</b> | <b>255.7948</b> | <b>1.007212</b> | <b>.2184417</b> |
| Stddev | .0021458        | 1.39498         | .0036469        | 3.1377          | .002052         | .0007332        |
| %RSD   | .4290024        | 1.400031        | .7928179        | 1.226632        | .2037709        | .3356332        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5017405 | 98.03807 | .4586470 | 254.5939 | 1.004846 | .2188591 |
| #2 | .4977319 | 100.2860 | .4572174 | 253.4350 | 1.008521 | .2188709 |
| #3 | .5010633 | 100.5931 | .4641263 | 259.3556 | 1.008268 | .2175951 |

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>.0755331</b> | <b>.4605950</b> | <b>1.045404</b> | <b>.0004176</b> | <b>.1262248</b> | <b>F -.000131</b> |
| Stddev | .0124802        | .0051020        | .001509         | .0059533        | .0032539        | .000078           |
| %RSD   | 16.52285        | 1.107690        | .1443226        | 1425.467        | 2.577840        | 59.74103          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0794563 | .4575574 | 1.044662 | -.003370 | .1224894 | -.000051 |
| #2 | .0615626 | .4577423 | 1.047140 | -.002657 | .1284424 | -.000135 |
| #3 | .0855803 | .4664852 | 1.044410 | .007280  | .1277427 | -.000207 |

Sample Name: ICSAB01      Acquired: 11/10/2022 13:38:15      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                   |                   |                   |                   |                   |
|--------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Elem   | Sn1899            | Ti3361            | Si2881            | P_1774            | S_1820            | Li6707            |
| Units  | ppm               | ppm               | ppm               | ppm               | ppm               | ppm               |
| Avg    | <b>F -.001378</b> | <b>F -.002977</b> | <b>F -.005872</b> | <b>F .0046395</b> | <b>F -.003085</b> | <b>F .0020875</b> |
| Stddev | .000393           | .001030           | .003587           | .0018120          | .002139           | .0009540          |
| %RSD   | 28.48480          | 34.61759          | 61.09236          | 39.05624          | 69.31622          | 45.70248          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001154 | -.003002 | -.001730 | .0067310 | -.004404 | .0023465 |
| #2 | -.001832 | -.001934 | -.007897 | .0036423 | -.000618 | .0028853 |
| #3 | -.001150 | -.003994 | -.007988 | .0035451 | -.004234 | .0010307 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F -.013578</b> |
| Stddev | .001123           |
| %RSD   | 8.273913          |

|    |          |
|----|----------|
| #1 | -.012311 |
| #2 | -.013968 |
| #3 | -.014454 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3672.910</b> | <b>61450.17</b> | <b>4257.137</b> | <b>3854.595</b> | <b>3868.326</b> |
| Stddev    | 4.376           | 156.16          | 49.486          | 10.819          | 4.829           |
| %RSD      | .1191450        | .2541305        | 1.162431        | .2806719        | .1248306        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3674.269 | 61580.36 | 4207.952 | 3862.749 | 3869.232 |
| #2 | 3676.445 | 61277.02 | 4306.919 | 3842.322 | 3872.638 |
| #3 | 3668.016 | 61493.14 | 4256.540 | 3858.713 | 3863.108 |

Sample Name: CCV01      Acquired: 11/10/2022 13:47:06      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.009140</b> | <b>5.199833</b> | <b>5.025215</b> | <b>4.995793</b> | <b>5.185238</b> | <b>9.181779</b> |
| Stddev | .014066         | .022037         | .035101         | .017741         | .018114         | .124937         |
| %RSD   | .2807982        | .4237965        | .6985046        | .3551221        | .3493340        | 1.360702        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.994450 | 5.180970 | 4.992538 | 4.979751 | 5.168614 | 9.037714 |
| #2 | 5.010485 | 5.194474 | 5.020788 | 4.992781 | 5.182557 | 9.260394 |
| #3 | 5.022484 | 5.224055 | 5.062320 | 5.014847 | 5.204543 | 9.247227 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.662462</b> | <b>.2276846</b> | <b>2.498068</b> | <b>24.47857</b> | <b>1.047961</b> | <b>2.536368</b> |
| Stddev | .247936         | .0029931        | .018014         | .25176          | .000798         | .016797         |
| %RSD   | 2.565976        | 1.314593        | .7211178        | 1.028511        | .0761493        | .6622453        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.389332 | .2244106 | 2.479279 | 24.19181 | 1.047097 | 2.519218 |
| #2 | 9.724716 | .2302805 | 2.499734 | 24.66337 | 1.048115 | 2.537096 |
| #3 | 9.873339 | .2283626 | 2.515191 | 24.58051 | 1.048670 | 2.552788 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.286768</b> | <b>5.027006</b> | <b>2.312565</b> | <b>24.23590</b> | <b>2.559764</b> | <b>1.366043</b> |
| Stddev | .005919         | .047510         | .030584         | .41405          | .014556         | .003511         |
| %RSD   | .4600267        | .9451000        | 1.322507        | 1.708421        | .5686477        | .2570430        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.281676 | 4.999443 | 2.277406 | 23.75935 | 2.545421 | 1.368327 |
| #2 | 1.285363 | 4.999709 | 2.333014 | 24.50754 | 2.559348 | 1.367801 |
| #3 | 1.293263 | 5.081866 | 2.327276 | 24.44081 | 2.574524 | 1.361999 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496            | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>26.84029</b> | <b>2.426821</b> | <b>2.642725</b> | <b>25.39166</b> | <b>F 4.409607</b> | <b>5.027645</b> |
| Stddev | .17480          | .023268         | .001390         | .13599          | .059568           | .023136         |
| %RSD   | .6512478        | .9587655        | .0525839        | .5355879        | 1.350874          | .4601682        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.99325 | 2.401302 | 2.643693 | 25.46212 | 4.343052 | 5.004323 |
| #2 | 26.64977 | 2.446858 | 2.641133 | 25.23489 | 4.457926 | 5.028023 |
| #3 | 26.87786 | 2.432303 | 2.643349 | 25.47797 | 4.427842 | 5.050589 |

Sample Name: CCV01      Acquired: 11/10/2022 13:47:06      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.214080</b> | <b>4.652327</b> | <b>5.095293</b> | <b>5.163582</b> | <b>5.144885</b> | <b>4.965378</b> |
| Stddev | .017316         | .059185         | .021926         | .024180         | .022646         | .032102         |
| %RSD   | .3321069        | 1.272158        | .4303117        | .4682849        | .4401569        | .6465188        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.196650 | 4.583989 | 5.077972 | 5.140681 | 5.118811 | 4.928817 |
| #2 | 5.214308 | 4.687036 | 5.087962 | 5.161200 | 5.159633 | 4.988952 |
| #3 | 5.231280 | 4.685957 | 5.119944 | 5.188865 | 5.156211 | 4.978366 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>5.074102</b> |
| Stddev | .162809         |
| %RSD   | 3.208634        |

|    |          |
|----|----------|
| #1 | 4.901006 |
| #2 | 5.097124 |
| #3 | 5.224174 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3830.546</b> | <b>66005.66</b> | <b>4366.231</b> | <b>4044.487</b> | <b>4335.272</b> |
| Stddev    | 10.863          | 264.70          | 61.850          | 10.785          | 20.143          |
| %RSD      | .2835978        | .4010248        | 1.416549        | .2666483        | .4646288        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3842.101 | 66146.90 | 4436.854 | 4044.709 | 4357.217 |
| #2 | 3828.996 | 66169.79 | 4321.716 | 4055.159 | 4330.974 |
| #3 | 3820.541 | 65700.30 | 4340.124 | 4033.593 | 4317.626 |

Sample Name: LLCCV01      Acquired: 11/10/2022 13:51:00      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0227859 | .0438736 | .0138892 | .0216920 | F .0606063 | .0981884 |
| Stddev | .0023141 | .0003763 | .0006957 | .0008668 | .0010237   | .0049159 |
| %RSD   | 10.15596 | .8577299 | 5.008829 | 3.996149 | 1.689176   | 5.006603 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0243914 | .0435163 | .0131429 | .0218942 | .0594874 | .1030946 |
| #2 | .0238330 | .0438379 | .0140049 | .0224399 | .0614962 | .0982077 |
| #3 | .0201333 | .0442664 | .0145198 | .0207419 | .0608351 | .0932629 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0987412 | .0062458 | .0067831 | 2.028038 | .0113484 | .0320135 |
| Stddev | .0019194 | .0001167 | .0001062 | .020616  | .0000656 | .0001780 |
| %RSD   | 1.943831 | 1.867870 | 1.565798 | 1.016563 | .5783588 | .5561528 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1009542 | .0063537 | .0066687 | 2.044507 | .0113030 | .0318602 |
| #2 | .0975302 | .0061220 | .0068020 | 2.004917 | .0114236 | .0319716 |
| #3 | .0977391 | .0062618 | .0068786 | 2.034691 | .0113184 | .0322088 |

|        |            |          |          |          |          |            |
|--------|------------|----------|----------|----------|----------|------------|
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | F .0244694 | .1077981 | .0209925 | 2.087473 | .0427367 | F .0122438 |
| Stddev | .0002614   | .0067728 | .0002407 | .042821  | .0001415 | .0004757   |
| %RSD   | 1.068229   | 6.282829 | 1.146407 | 2.051344 | .3311659 | 3.885229   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0241697 | .1058306 | .0208929 | 2.069254 | .0425908 | .0121723 |
| #2 | .0246505 | .1153368 | .0208177 | 2.056775 | .0427457 | .0127511 |
| #3 | .0245879 | .1022269 | .0212670 | 2.136391 | .0428735 | .0118078 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.146761 | .0426434 | .0465189 | 2.098961 | .1089108 | .2227297 |
| Stddev | .049325  | .0039533 | .0001827 | .065316  | .0021871 | .0010709 |
| %RSD   | 2.297647 | 9.270654 | .3926920 | 3.111822 | 2.008133 | .4807951 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.089936 | .0454702 | .0463957 | 2.025877 | .1083824 | .2217284 |
| #2 | 2.178514 | .0381258 | .0464323 | 2.119373 | .1070364 | .2226020 |
| #3 | 2.171833 | .0443341 | .0467288 | 2.151633 | .1113137 | .2238587 |

Sample Name: LLCCV01      Acquired: 11/10/2022 13:51:00      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820            | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>.0435673</b> | <b>.0372772</b> | <b>.4015398</b> | <b>.0217991</b> | <b>F .0245160</b> | <b>.0227225</b> |
| Stddev | .0011996        | .0004454        | .0108334        | .0006091        | .0022421          | .0001740        |
| %RSD   | 2.753497        | 1.194839        | 2.697961        | 2.794278        | 9.145302          | .7658922        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0431427 | .0370319 | .3907822 | .0211361 | .0232959 | .0229232 |
| #2 | .0426377 | .0370084 | .4124474 | .0223340 | .0231485 | .0226142 |
| #3 | .0449215 | .0377914 | .4013900 | .0219273 | .0271035 | .0226300 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0201119</b> |
| Stddev | .0001509        |
| %RSD   | .7502051        |

|    |          |
|----|----------|
| #1 | .0199402 |
| #2 | .0202235 |
| #3 | .0201719 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4003.427</b> | <b>70217.37</b> | <b>4516.177</b> | <b>4369.738</b> | <b>4878.477</b> |
| Stddev    | 3.035           | 224.66          | 87.632          | 111.257         | 5.812           |
| %RSD      | .0758170        | .3199555        | 1.940398        | 2.546074        | .1191280        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4002.646 | 69969.37 | 4415.610 | 4279.453 | 4871.767 |
| #2 | 4006.777 | 70275.43 | 4576.160 | 4335.733 | 4881.909 |
| #3 | 4000.859 | 70407.30 | 4556.760 | 4494.030 | 4881.756 |



Sample Name: CCB01      Acquired: 11/10/2022 13:54:58      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000144</b> | <b>.0004153</b> | <b>.0001100</b> | <b>.0004961</b> | <b>.0029839</b> | <b>-.005921</b> | <b>-.000243</b> |
| Stddev | .001289         | .0006901        | .0008471        | .0008190        | .0014885        | .007128         | .000194         |
| %RSD   | 892.4049        | 166.1811        | 769.9957        | 165.0942        | 49.88630        | 120.3879        | 79.85411        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001071  | .0001370 | -.000479 | .0013936 | .0012737 | .002295  | -.000066 |
| #2 | -.000007 | -.000092 | .001081  | .0003054 | .0039883 | -.009594 | -.000212 |
| #3 | -.001497 | .001201  | -.000272 | -.000211 | .0036896 | -.010463 | -.000451 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000290</b> | <b>-.000088</b> | <b>.0033054</b> | <b>.0000955</b> | <b>-.000035</b> | <b>.0000874</b> | <b>.0006162</b> |
| Stddev | .0000321        | .000022         | .0026261        | .0002707        | .000125         | .0001174        | .0029384        |
| %RSD   | 110.8126        | 25.55281        | 79.44697        | 283.5412        | 351.5250        | 134.2503        | 476.8549        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000462 | -.000062 | .0032564 | .0000219 | -.000140 | .0001714 | .0034688 |
| #2 | .0000488 | -.000095 | .0059557 | -.000131 | -.000069 | .0001377 | .0007808 |
| #3 | -.000008 | -.000105 | .0007042 | .000395  | .000102  | -.000047 | -.002401 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000205</b> | <b>.0167534</b> | <b>-.000039</b> | <b>-.000026</b> | <b>.0528768</b> | <b>.0008538</b> | <b>-.000150</b> |
| Stddev | .000025         | .0085258        | .000134         | .000333         | .0033660        | .0015807        | .000066         |
| %RSD   | 12.34739        | 50.88998        | 344.4366        | 1297.609        | 6.365757        | 185.1267        | 43.81204        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000181 | .0225868 | -.000114 | -.000350 | .0536571 | .0025977 | -.000075 |
| #2 | -.000231 | .0069688 | -.000118 | -.000041 | .0557842 | .0004485 | -.000180 |
| #3 | -.000202 | .0207047 | .000115  | .000314  | .0491892 | -.000485 | -.000196 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0346972</b> | <b>.0058261</b> | <b>.0007364</b> | <b>-.000076</b> | <b>-.001734</b> | <b>-.009834</b> | <b>.0004046</b> |
| Stddev | .0071691        | .0007412        | .0002541        | .000216         | .000329         | .011172         | .0008156        |
| %RSD   | 20.66202        | 12.72228        | 34.50231        | 284.6588        | 18.95451        | 113.6123        | 201.6010        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0276208 | .0053974 | .0010283 | -.000326 | -.002035 | -.000849 | -.000328 |
| #2 | .0345152 | .0066820 | .0005651 | .000045  | -.001384 | -.022343 | .000259  |
| #3 | .0419556 | .0053989 | .0006157 | .000053  | -.001782 | -.006309 | .001283  |

Sample Name: CCB01      Acquired: 11/10/2022 13:54:58      Type: Unk  
 Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0006193 | .0040143 | -.000026 |
| Stddev | .0019071 | .0015458 | .000105  |
| %RSD   | 307.9583 | 38.50814 | 404.5070 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001465 | .0052084 | -.000104 |
| #2 | .001045  | .0045663 | .000093  |
| #3 | .002278  | .0022683 | -.000067 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4005.936 | 70760.32 | 4635.590 | 4412.762 | 4961.081 |
| Stddev    | 5.020    | 87.57    | 96.895   | 16.794   | 7.166    |
| %RSD      | .1253187 | .1237540 | 2.090239 | .3805693 | .1444404 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4008.525 | 70831.13 | 4612.260 | 4394.918 | 4952.878 |
| #2 | 4009.133 | 70787.41 | 4552.490 | 4428.258 | 4964.243 |
| #3 | 4000.150 | 70662.40 | 4742.020 | 4415.110 | 4966.122 |

Sample Name: N5516-02RE      Acquired: 11/10/2022 17:35:22      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |            |            |          |            |
|--------|----------|------------|------------|------------|----------|------------|
| Elem   | As1890   | Tl1908     | Pb2203     | Se1960     | Sb2068   | Al3961     |
| Units  | ppm      | ppm        | ppm        | ppm        | ppm      | ppm        |
| Avg    | .0041475 | k -.000716 | k .0119323 | k -.000067 | .0019426 | k -.021334 |
| Stddev | .0012458 | .001332    | .0003080   | .001688    | .0007673 | .018985    |
| %RSD   | 30.03737 | 185.9160   | 2.580996   | 2503.477   | 39.50162 | 88.98696   |

|    |          |            |            |            |          |           |
|----|----------|------------|------------|------------|----------|-----------|
| #1 | .0028325 | k -.001217 | k .0120649 | k -.000868 | .0012724 | k .000369 |
| #2 | .0042999 | .000793    | .0121518   | -.001206   | .0027796 | -.034858  |
| #3 | .0053101 | -.001725   | .0115803   | .001872    | .0017758 | -.029515  |

|        |          |            |            |         |          |          |
|--------|----------|------------|------------|---------|----------|----------|
| Elem   | Ba4934   | Be2348     | Cd2265     | Ca3736  | Cr2677   | Co2286   |
| Units  | ppm      | ppm        | ppm        | ppm     | ppm      | ppm      |
| Avg    | .0184413 | k .0000448 | k .0001016 | ^ ***** | .0016770 | .0142145 |
| Stddev | .0004405 | .0000190   | .0000321   | -----   | .0002076 | .0001567 |
| %RSD   | 2.388428 | 42.35026   | 31.57052   | -----   | 12.38119 | 1.102034 |

|    |          |            |            |          |          |          |
|----|----------|------------|------------|----------|----------|----------|
| #1 | .0183272 | k .0000592 | k .0001381 | ^ -----  | .0019082 | .0143698 |
| #2 | .0189276 | .0000233   | .0000889   | 94.98577 | .0016165 | .0140565 |
| #3 | .0180692 | .0000518   | .0000778   | 95.23176 | .0015064 | .0142171 |

|        |            |            |          |          |          |            |
|--------|------------|------------|----------|----------|----------|------------|
| Elem   | Cu2247     | Fe2404     | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm        | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | k .0004152 | k .0677125 | .2127099 | 9.789896 | .0167883 | k -.002204 |
| Stddev | .0002773   | .0093860   | .0020377 | .120074  | .0002795 | .000091    |
| %RSD   | 66.78785   | 13.86153   | .9579731 | 1.226506 | 1.664880 | 4.107423   |

|    |            |            |          |          |          |            |
|----|------------|------------|----------|----------|----------|------------|
| #1 | k .0005216 | k .0770718 | .2103624 | 9.652262 | .0170405 | k -.002127 |
| #2 | .0001005   | .0677655   | .2137455 | 9.873217 | .0164878 | -.002304   |
| #3 | .0006236   | .0583001   | .2140218 | 9.844209 | .0168367 | -.002182   |

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138     | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | 339.2562 | .0020324 | k .6335899 | 1.119664 | k .0424600 | .0004267 |
| Stddev | 1.0024   | .0008596 | .0008397   | .016838  | .0003692   | .0001647 |
| %RSD   | .2954695 | 42.29500 | .1325274   | 1.503868 | .8695510   | 38.58638 |

|    |          |          |            |          |            |          |
|----|----------|----------|------------|----------|------------|----------|
| #1 | 340.3834 | .0010744 | k .6338566 | 1.108728 | k .0422261 | .0006119 |
| #2 | 338.9202 | .0022863 | .6342638   | 1.139054 | .0422684   | .0002968 |
| #3 | 338.4649 | .0027364 | .6326492   | 1.111209 | .0428857   | .0003714 |

Sample Name: N5516-02RE      Acquired: 11/10/2022 17:35:22      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                  |                  |                 |                   |                   |                 |
|--------|------------------|------------------|-----------------|-------------------|-------------------|-----------------|
| Elem   | Sn1899           | Ti3361           | Si2881          | P_1774            | S_1820            | Li6707          |
| Units  | ppm              | ppm              | ppm             | ppm               | ppm               | ppm             |
| Avg    | <b>-0.000224</b> | <b>-0.002527</b> | <b>4.040863</b> | <b>F 33.58812</b> | <b>k 1.473705</b> | <b>.0103198</b> |
| Stddev | .000437          | .000153          | .034032         | .06537            | .011170           | .0000523        |
| %RSD   | 194.8035         | 6.035309         | .8422078        | .1946167          | .7579228          | .5063263        |

|    |                  |                  |                 |                 |                   |                 |
|----|------------------|------------------|-----------------|-----------------|-------------------|-----------------|
| #1 | <b>-0.000646</b> | <b>-0.002703</b> | <b>4.033320</b> | <b>33.58491</b> | <b>k 1.469868</b> | <b>.0103142</b> |
| #2 | <b>-0.000253</b> | <b>-0.002447</b> | <b>4.078034</b> | <b>33.52441</b> | <b>1.464960</b>   | <b>.0102706</b> |
| #3 | <b>.000226</b>   | <b>-0.002433</b> | <b>4.011234</b> | <b>33.65503</b> | <b>1.486288</b>   | <b>.0103747</b> |

|        |                |
|--------|----------------|
| Elem   | Sr4077         |
| Units  | ppm            |
| Avg    | <b>^ *****</b> |
| Stddev | -----          |
| %RSD   | -----          |

|    |                 |
|----|-----------------|
| #1 | <b>^ -----</b>  |
| #2 | <b>.1535603</b> |
| #3 | <b>.1533833</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4465.521</b> | <b>83353.76</b> | <b>7321.332</b> | <b>5372.244</b> | <b>4679.826</b> |
| Stddev    | 5.858           | 290.28          | 48.635          | 32.041          | 4.403           |
| %RSD      | .1311761        | .3482468        | .6642958        | .5964085        | .0940916        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4467.598</b> | <b>83018.90</b> | <b>7372.688</b> | <b>5350.070</b> | <b>4680.529</b> |
| #2 | <b>4470.057</b> | <b>83508.59</b> | <b>7315.335</b> | <b>5357.684</b> | <b>4683.836</b> |
| #3 | <b>4458.907</b> | <b>83533.81</b> | <b>7275.974</b> | <b>5408.979</b> | <b>4675.114</b> |

Sample Name: N5516-04      Acquired: 11/10/2022 17:39:27      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0025547 | -.001212 | .0024557 | .0005235 | .0041284 | -.031536 |
| Stddev | .0014863 | .000201  | .0008383 | .0009266 | .0003056 | .003342  |
| %RSD   | 58.17659 | 16.59516 | 34.13857 | 176.9962 | 7.402008 | 10.59785 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0042223 | -.001019 | .0014964 | -.000498 | .0037755 | -.032437 |
| #2 | .0013698 | -.001420 | .0030480 | .000758  | .0043023 | -.027835 |
| #3 | .0020721 | -.001198 | .0028225 | .001310  | .0043074 | -.034335 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0125368 | .0000457 | .0012625 | 77.24724 | .0026639 | .0071543 |
| Stddev | .0001576 | .0000147 | .0001243 | .42900   | .0001223 | .0001393 |
| %RSD   | 1.256798 | 32.24922 | 9.844120 | .5553616 | 4.592237 | 1.946419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0126727 | .0000392 | .0013447 | 76.82567 | .0026389 | .0070126 |
| #2 | .0123641 | .0000626 | .0013233 | 77.23275 | .0027968 | .0072910 |
| #3 | .0125735 | .0000353 | .0011195 | 77.68330 | .0025560 | .0071594 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032462 | .0074545 | .1744022 | 19.33727 | .0144812 | -.002389 |
| Stddev | .0003173 | .0032079 | .0023407 | .22259   | .0000489 | .000447  |
| %RSD   | 9.775913 | 43.03236 | 1.342127 | 1.151111 | .3377378 | 18.69486 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0034491 | .0052289 | .1744464 | 19.31167 | .0144493 | -.002579 |
| #2 | .0034090 | .0111316 | .1720398 | 19.12859 | .0144569 | -.002710 |
| #3 | .0028805 | .0060031 | .1767205 | 19.57157 | .0145375 | -.001879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 287.3553 | .0009248 | 1.561500 | 1.406524 | .0356210 | -.000008 |
| Stddev | 4.7338   | .0010758 | .040742  | .047207  | .0006549 | .000299  |
| %RSD   | 1.647376 | 116.3242 | 2.609145 | 3.356278 | 1.838388 | 3737.732 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 282.1039 | .0007036 | 1.606517 | 1.415455 | .0348664 | -.000063 |
| #2 | 288.6670 | -.000023 | 1.527159 | 1.355490 | .0360408 | .000315  |
| #3 | 291.2949 | .002094  | 1.550823 | 1.448628 | .0359558 | -.000276 |

Sample Name: N5516-04      Acquired: 11/10/2022 17:39:27      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.000821</b> | <b>-.002467</b> | <b>4.512068</b> | <b>F 24.17634</b> | <b>2.793654</b> | <b>.0105082</b> |
| Stddev | .000553         | .000560         | .165160         | .03971            | .016047         | .0008656        |
| %RSD   | 67.32113        | 22.71065        | 3.660416        | .1642716          | .5744172        | 8.237530        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000183</b> | <b>-.002962</b> | <b>4.482390</b> | <b>24.13049</b> | <b>2.796855</b> | <b>.0114310</b> |
| #2 | <b>-.001152</b> | <b>-.001859</b> | <b>4.363759</b> | <b>24.20024</b> | <b>2.807859</b> | <b>.0097142</b> |
| #3 | <b>-.001128</b> | <b>-.002579</b> | <b>4.690056</b> | <b>24.19828</b> | <b>2.776247</b> | <b>.0103796</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1362981</b> |
| Stddev | .0006567        |
| %RSD   | .4818387        |

|    |                 |
|----|-----------------|
| #1 | <b>.1356054</b> |
| #2 | <b>.1363772</b> |
| #3 | <b>.1369117</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4527.481</b> | <b>85184.30</b> | <b>7550.716</b> | <b>5456.292</b> | <b>4798.895</b> |
| Stddev    | 8.748           | 201.57          | 45.463          | 153.627         | 9.313           |
| %RSD      | .1932282        | .2366264        | .6021047        | 2.815600        | .1940580        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4534.508</b> | <b>85092.38</b> | <b>7510.249</b> | <b>5288.456</b> | <b>4808.507</b> |
| #2 | <b>4530.253</b> | <b>85415.44</b> | <b>7599.910</b> | <b>5589.956</b> | <b>4798.266</b> |
| #3 | <b>4517.682</b> | <b>85045.08</b> | <b>7541.988</b> | <b>5490.464</b> | <b>4789.913</b> |

Sample Name: N5517-01      Acquired: 11/10/2022 17:43:31      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060739 | -.000869 | .0006894 | -.000210 | .0030775 | -.038124 |
| Stddev | .0008547 | .001322  | .0009396 | .000281  | .0002111 | .003366  |
| %RSD   | 14.07162 | 152.0476 | 136.2958 | 133.9828 | 6.860523 | 8.828548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0059879 | .000618  | -.000202 | .000105  | .0030761 | -.041121 |
| #2 | .0052654 | -.001318 | .001671  | -.000435 | .0028671 | -.038767 |
| #3 | .0069683 | -.001908 | .000600  | -.000300 | .0032894 | -.034483 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072140 | .0000588 | .0000905 | 78.17502 | .0009600 | .0376937 |
| Stddev | .0003320 | .0000324 | .0000690 | .63881   | .0001020 | .0000981 |
| %RSD   | 4.602530 | 55.02700 | 76.25607 | .8171570 | 10.62948 | .2602125 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0069551 | .0000770 | .0000827 | 77.45675 | .0009917 | .0376683 |
| #2 | .0070986 | .0000781 | .0000257 | 78.38874 | .0008458 | .0378020 |
| #3 | .0075883 | .0000215 | .0001631 | 78.67957 | .0010424 | .0376108 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007102 | 2.942243 | .2239578 | 7.739300 | .0179280 | -.003030 |
| Stddev | .0003085 | .033532  | .0022103 | .059898  | .0001021 | .000378  |
| %RSD   | 43.44229 | 1.139669 | .9869147 | .7739505 | .5692784 | 12.47419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006119 | 2.903616 | .2214981 | 7.670483 | .0179299 | -.002594 |
| #2 | .0010558 | 2.963865 | .2245978 | 7.767715 | .0180291 | -.003273 |
| #3 | .0004628 | 2.959249 | .2257774 | 7.779703 | .0178250 | -.003223 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 292.1629 | .0008160 | .2860655 | .9885841 | .0469671 | -.000098 |
| Stddev | 2.3576   | .0013349 | .0011783 | .0128753 | .0002158 | .000122  |
| %RSD   | .8069345 | 163.5814 | .4119007 | 1.302398 | .4594402 | 125.5157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 289.5306 | -.000378 | .2849144 | .9752431 | .0468674 | -.000221 |
| #2 | 292.8780 | .002257  | .2860128 | 1.000937 | .0472148 | -.000095 |
| #3 | 294.0801 | .000569  | .2872692 | .989573  | .0468193 | .000024  |

Sample Name: N5517-01      Acquired: 11/10/2022 17:43:31      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.001183</b> | <b>-.002444</b> | <b>5.347293</b> | <b>F 21.84977</b> | <b>.8458813</b> | <b>.0110372</b> |
| Stddev | .000647         | .000090         | .079845         | .05912            | .0074706        | .0004042        |
| %RSD   | 54.69532        | 3.697477        | 1.493183        | .2705911          | .8831750        | 3.662506        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001813</b> | <b>-.002349</b> | <b>5.255304</b> | <b>21.80210</b> | <b>.8422300</b> | <b>.0108365</b> |
| #2 | <b>-.000520</b> | <b>-.002529</b> | <b>5.398646</b> | <b>21.83129</b> | <b>.8409387</b> | <b>.0107726</b> |
| #3 | <b>-.001216</b> | <b>-.002453</b> | <b>5.387929</b> | <b>21.91593</b> | <b>.8544754</b> | <b>.0115025</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1311836</b> |
| Stddev | .0008564        |
| %RSD   | .6528180        |

|    |                 |
|----|-----------------|
| #1 | <b>.1301983</b> |
| #2 | <b>.1316035</b> |
| #3 | <b>.1317490</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4555.901</b> | <b>85300.79</b> | <b>7502.051</b> | <b>5356.853</b> | <b>4787.850</b> |
| Stddev    | 2.862           | 246.91          | 30.238          | 44.436          | 4.671           |
| %RSD      | .0628109        | .2894565        | .4030579        | .8295117        | .0975651        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4558.822</b> | <b>85545.10</b> | <b>7533.991</b> | <b>5388.898</b> | <b>4789.854</b> |
| #2 | <b>4555.778</b> | <b>85051.36</b> | <b>7498.294</b> | <b>5375.535</b> | <b>4791.186</b> |
| #3 | <b>4553.103</b> | <b>85305.92</b> | <b>7473.867</b> | <b>5306.126</b> | <b>4782.511</b> |



Sample Name: N5516-02      Acquired: 11/10/2022 17:48:24      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0052597 | -.000587 | .0115270 | -.000069 | .0022804 | -.031258 |
| Stddev | .0024698 | .001064  | .0007157 | .001550  | .0005718 | .001195  |
| %RSD   | 46.95602 | 181.3197 | 6.209193 | 2237.497 | 25.07432 | 3.822446 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0024085 | .000500  | .0120277 | -.000484 | .0027236 | -.031994 |
| #2 | .0066350 | -.000634 | .0107072 | -.001370 | .0016350 | -.029880 |
| #3 | .0067357 | -.001626 | .0118460 | .001646  | .0024825 | -.031901 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0180878 | .0000539 | .0000909 | 93.98493 | .0017845 | .0140377 |
| Stddev | .0002338 | .0000235 | .0000072 | .38202   | .0003341 | .0000983 |
| %RSD   | 1.292745 | 43.60355 | 7.970526 | .4064643 | 18.72415 | .7005064 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0182566 | .0000784 | .0000992 | 93.54631 | .0014195 | .0140360 |
| #2 | .0178209 | .0000315 | .0000876 | 94.24481 | .0020753 | .0139402 |
| #3 | .0181860 | .0000519 | .0000859 | 94.16367 | .0018587 | .0141369 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007743 | .0718820 | .2140352 | 9.839736 | .0165348 | -.002608 |
| Stddev | .0002586 | .0021084 | .0011841 | .096456  | .0005551 | .000533  |
| %RSD   | 33.39929 | 2.933150 | .5532397 | .9802713 | 3.357269 | 20.43390 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007457 | .0723657 | .2130292 | 9.729944 | .0171483 | -.001995 |
| #2 | .0005312 | .0695738 | .2153402 | 9.910853 | .0160671 | -.002957 |
| #3 | .0010461 | .0737065 | .2137361 | 9.878410 | .0163891 | -.002873 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 337.8188 | -.000173 | .6330504 | 1.205919 | .0434042 | .0003259 |
| Stddev | 2.2729   | .000977  | .0042834 | .036705  | .0008390 | .0000871 |
| %RSD   | .6728042 | 564.9113 | .6766357 | 3.043760 | 1.933094 | 26.70622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 337.3119 | -.000695 | .6308626 | 1.208530 | .0435082 | .0003867 |
| #2 | 335.8421 | .000954  | .6303026 | 1.167978 | .0441864 | .0003649 |
| #3 | 340.3023 | -.000778 | .6379859 | 1.241249 | .0425180 | .0002262 |

Sample Name: N5516-02      Acquired: 11/10/2022 17:48:24      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                   |                 |                 |
|--------|-----------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774            | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>-.000651</b> | <b>-.002889</b> | <b>4.225304</b> | <b>F 33.52383</b> | <b>1.503094</b> | <b>.0096901</b> |
| Stddev | .000349         | .001132         | .065685         | .06418            | .008276         | .0010562        |
| %RSD   | 53.59233        | 39.18953        | 1.554553        | .1914312          | .5505701        | 10.89975        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000692</b> | <b>-.003170</b> | <b>4.163611</b> | <b>33.47315</b> | <b>1.512446</b> | <b>.0100983</b> |
| #2 | <b>-.000284</b> | <b>-.001643</b> | <b>4.217940</b> | <b>33.50235</b> | <b>1.500117</b> | <b>.0104813</b> |
| #3 | <b>-.000978</b> | <b>-.003855</b> | <b>4.294360</b> | <b>33.59599</b> | <b>1.496718</b> | <b>.0084907</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.1527332</b> |
| Stddev | .0006603        |
| %RSD   | .4323131        |

|    |                 |
|----|-----------------|
| #1 | <b>.1519874</b> |
| #2 | <b>.1529690</b> |
| #3 | <b>.1532432</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4522.872</b> | <b>84880.04</b> | <b>7447.818</b> | <b>5475.159</b> | <b>4746.948</b> |
| Stddev    | 15.115          | 99.93           | 29.826          | 36.318          | 13.691          |
| %RSD      | .3341933        | .1177268        | .4004647        | .6633157        | .2884139        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4528.939</b> | <b>84947.11</b> | <b>7434.560</b> | <b>5492.214</b> | <b>4748.764</b> |
| #2 | <b>4534.012</b> | <b>84927.82</b> | <b>7426.919</b> | <b>5499.810</b> | <b>4759.640</b> |
| #3 | <b>4505.667</b> | <b>84765.20</b> | <b>7481.974</b> | <b>5433.453</b> | <b>4732.440</b> |

Sample Name: CCV02      Acquired: 11/10/2022 17:52:27      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 4.701189 | 4.793723 | 5.051634 | 4.726608 | 4.596648 | F 5.979040 |
| Stddev | .013124  | .008417  | .017955  | .009680  | .007144  | .036136    |
| %RSD   | .2791546 | .1755757 | .3554369 | .2047889 | .1554147 | .6043773   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.689334 | 4.785672 | 5.033699 | 4.715888 | 4.593687 | 5.944109 |
| #2 | 4.698942 | 4.793033 | 5.051591 | 4.729228 | 4.591461 | 6.016272 |
| #3 | 4.715291 | 4.802463 | 5.069610 | 4.734708 | 4.604796 | 5.976739 |

|        |            |            |          |            |            |          |
|--------|------------|------------|----------|------------|------------|----------|
| Elem   | Ba4934     | Be2348     | Cd2265   | Ca3736     | Cr2677     | Co2286   |
| Units  | ppm        | ppm        | ppm      | ppm        | ppm        | ppm      |
| Avg    | F 8.969196 | F .1584949 | 2.513102 | F 20.41648 | F 1.195091 | 2.501860 |
| Stddev | .112046    | .0015899   | .007790  | .10327     | .003881    | .006544  |
| %RSD   | 1.249228   | 1.003142   | .3099672 | .5058222   | .3247215   | .2615679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.858664 | .1569131 | 2.505295 | 20.30090 | 1.190673 | 2.494858 |
| #2 | 9.082697 | .1600929 | 2.513137 | 20.49968 | 1.197952 | 2.502900 |
| #3 | 8.966228 | .1584788 | 2.520874 | 20.44886 | 1.196647 | 2.507821 |

|        |            |          |            |          |          |            |
|--------|------------|----------|------------|----------|----------|------------|
| Elem   | Cu2247     | Fe2404   | Mn2576     | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | F 1.086889 | 4.881716 | F 1.450978 | 23.12590 | 2.518714 | F 1.682463 |
| Stddev | .003349    | .015016  | .008355    | .18173   | .006333  | .006389    |
| %RSD   | .3081493   | .3075990 | .5757867   | .7858367 | .2514439 | .3797677   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.083914 | 4.880995 | 1.442010 | 22.91657 | 2.511622 | 1.676916 |
| #2 | 1.086236 | 4.867074 | 1.458541 | 23.24330 | 2.520714 | 1.689449 |
| #3 | 1.090517 | 4.897080 | 1.452382 | 23.21784 | 2.523806 | 1.681023 |

|        |          |            |          |            |            |            |
|--------|----------|------------|----------|------------|------------|------------|
| Elem   | Na5895   | V_2924     | Zn2138   | K_7664     | B_2496     | Mo2020     |
| Units  | ppm      | ppm        | ppm      | ppm        | ppm        | ppm        |
| Avg    | 25.16173 | F 1.895585 | 2.568573 | F 20.75666 | F 2.786176 | F 4.448270 |
| Stddev | .07343   | .008899    | .005417  | .05171     | .024225    | .014104    |
| %RSD   | .2918495 | .4694603   | .2109122 | .2491220   | .8694542   | .3170651   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.23918 | 1.885420 | 2.562457 | 20.80175 | 2.762344 | 4.438176 |
| #2 | 25.09312 | 1.901972 | 2.572769 | 20.70022 | 2.810775 | 4.442250 |
| #3 | 25.15288 | 1.899363 | 2.570494 | 20.76801 | 2.785408 | 4.464385 |

Sample Name: CCV02      Acquired: 11/10/2022 17:52:27      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                   |                   |                 |                   |
|--------|-----------------|-------------------|-------------------|-------------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361            | Si2881            | P_1774            | S_1820          | Li6707            |
| Units  | ppm             | ppm               | ppm               | ppm               | ppm             | ppm               |
| Avg    | <b>4.762930</b> | <b>F 2.770817</b> | <b>F 4.174725</b> | <b>F 4.418652</b> | <b>4.640796</b> | <b>F 3.307378</b> |
| Stddev | .012663         | .016132           | .012347           | .018287           | .017148         | .017462           |
| %RSD   | .2658628        | .5822011          | .2957484          | .4138542          | .3695013        | .5279617          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.749086 | 2.753725 | 4.175939 | 4.398996 | 4.621721 | 3.287899 |
| #2 | 4.765776 | 2.785777 | 4.161817 | 4.421800 | 4.654934 | 3.321628 |
| #3 | 4.773928 | 2.772947 | 4.186420 | 4.435161 | 4.645733 | 3.312607 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F 4.111628</b> |
| Stddev | .005508           |
| %RSD   | .1339510          |

|    |          |
|----|----------|
| #1 | 4.111644 |
| #2 | 4.106113 |
| #3 | 4.117128 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>4821.444</b> | <b>92002.74</b> | <b>7984.744</b> | <b>5509.401</b> | <b>5198.043</b> |
| Stddev    | 6.529           | 137.55          | 56.332          | 2.623           | 3.975           |
| %RSD      | .1354109        | .1495073        | .7054969        | .0476121        | .0764739        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4821.396 | 91844.02 | 8039.155 | 5507.906 | 5201.861 |
| #2 | 4827.996 | 92077.09 | 7926.669 | 5507.868 | 5198.342 |
| #3 | 4814.939 | 92087.12 | 7988.408 | 5512.430 | 5193.927 |

Sample Name: CCB02      Acquired: 11/10/2022 17:56:18      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015762 | .0006621 | .0006945 | .0011240 | .0029869 | -.003609 | .0003154 |
| Stddev | .0007452 | .0000733 | .0005360 | .0008163 | .0012644 | .006363  | .0003753 |
| %RSD   | 47.27714 | 11.06348 | 77.17537 | 72.63076 | 42.33214 | 176.3129 | 118.9863 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021612 | .0007149 | .0006636 | .0001887 | .0015627 | .000049  | .0006504 |
| #2 | .0007372 | .0005785 | .0012452 | .0014900 | .0034205 | .000081  | -.000090 |
| #3 | .0018301 | .0006929 | .0001746 | .0016933 | .0039775 | -.010956 | .000386  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000991 | -.000080 | .0039416 | .0000556 | -.000077 | .0000579 | -.000387 |
| Stddev | .0000251 | .000080  | .0016128 | .0001795 | .000144  | .0003809 | .004214  |
| %RSD   | 25.37993 | 99.93346 | 40.91649 | 322.9911 | 186.2069 | 657.9195 | 1087.481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000971 | -.000112 | .0022132 | -.000017 | -.000243 | -.000374 | .004157  |
| #2 | .0000750 | .000011  | .0042053 | -.000076 | .000007  | .000201  | -.001155 |
| #3 | .0001251 | -.000138 | .0054062 | .000260  | .000005  | .000346  | -.004165 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000152 | .0228021 | .0001167 | -.002777 | .3254627 | .0018635 | -.000203 |
| Stddev | .000082  | .0101428 | .0000548 | .000262  | .0107620 | .0006062 | .000090  |
| %RSD   | 54.12211 | 44.48212 | 47.00461 | 9.445911 | 3.306690 | 32.52909 | 44.17045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000143 | .0111047 | .0000587 | -.002679 | .3253107 | .0021470 | -.000108 |
| #2 | -.000239 | .0281453 | .0001678 | -.002578 | .3362999 | .0022759 | -.000215 |
| #3 | -.000075 | .0291562 | .0001234 | -.003074 | .3147774 | .0011675 | -.000286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0803251 | .0040075 | .0036878 | .0001114 | -.001291 | -.001600 | -.001870 |
| Stddev | .0082297 | .0001835 | .0012301 | .0004910 | .000499  | .007773  | .000102  |
| %RSD   | 10.24555 | 4.580100 | 33.35657 | 440.8750 | 38.61246 | 485.7241 | 5.479003 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0873173 | .0040476 | .0049425 | .0002552 | -.001487 | -.002597 | -.001832 |
| #2 | .0824023 | .0041676 | .0036371 | -.000436 | -.000724 | .006623  | -.001986 |
| #3 | .0712558 | .0038072 | .0024838 | .000514  | -.001662 | -.008827 | -.001792 |

Sample Name: CCB02      Acquired: 11/10/2022 17:56:18      Type: Unk  
Method: NON EPA-6010-200.7(v1621)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0027162 | .0056101 | .0000487 |
| Stddev | .0014372 | .0011955 | .0000142 |
| %RSD   | 52.91239 | 21.30908 | 29.09225 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0043278 | .0054553 | .0000503 |
| #2 | .0015672 | .0044996 | .0000339 |
| #3 | .0022538 | .0068755 | .0000621 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4932.219 | 94742.58 | 7742.833 | 5939.489 | 5776.263 |
| Stddev    | 3.681    | 545.94   | 20.922   | 99.606   | 4.658    |
| %RSD      | .0746284 | .5762368 | .2702160 | 1.677008 | .0806441 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4934.109 | 94998.39 | 7764.319 | 5910.373 | 5770.966 |
| #2 | 4934.570 | 94115.70 | 7741.657 | 5857.686 | 5779.720 |
| #3 | 4927.977 | 95113.65 | 7722.523 | 6050.408 | 5778.102 |