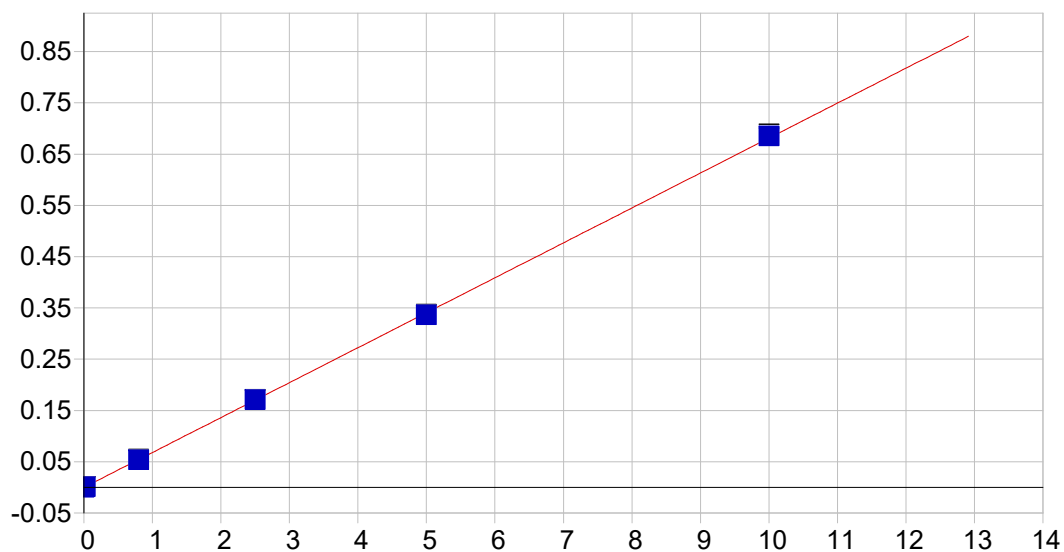


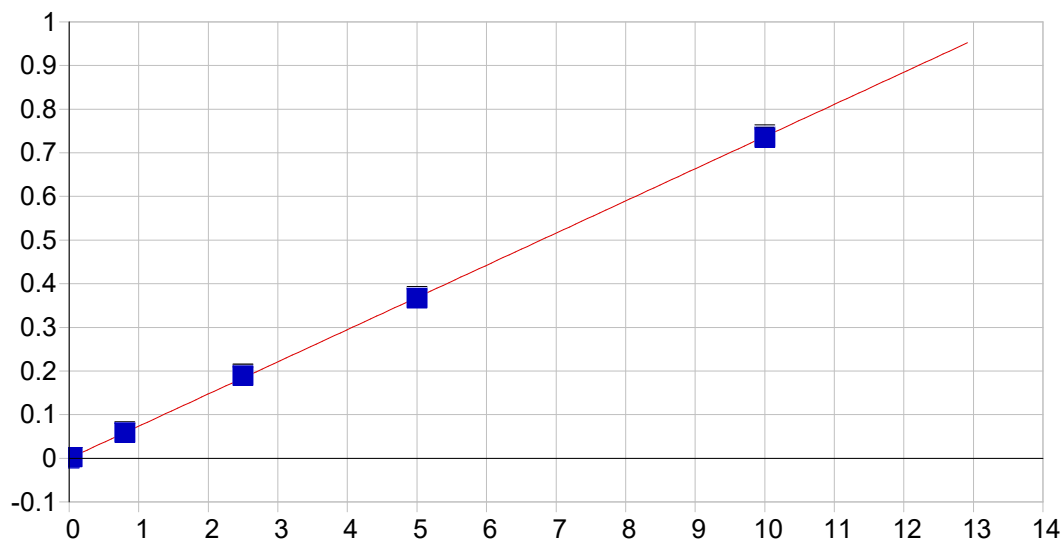


**As 189.042 {479}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000  
 A1 (Gain): 0.068156 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999964 Status: OK.  
 Std Error of Est: 0.000014  
 Predicted MDL: 0.002273  
 Predicted MQL: 0.007575

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00023 | .000    | 1        |
| S1        | .02000       | .02030      | .000       | 1.49    | .00116  | .000    | 1        |
| S3        | 2.5000       | 2.5110      | .011       | .441    | .17091  | .001    | 1        |
| S4        | 5.0000       | 4.9416      | -.058      | -1.17   | .33657  | .001    | 1        |
| S5        | 10.000       | 10.060      | .060       | .604    | .68545  | .004    | 1        |
| S2        | .80000       | .78667      | -.013      | -1.67   | .05339  | .002    | 1        |

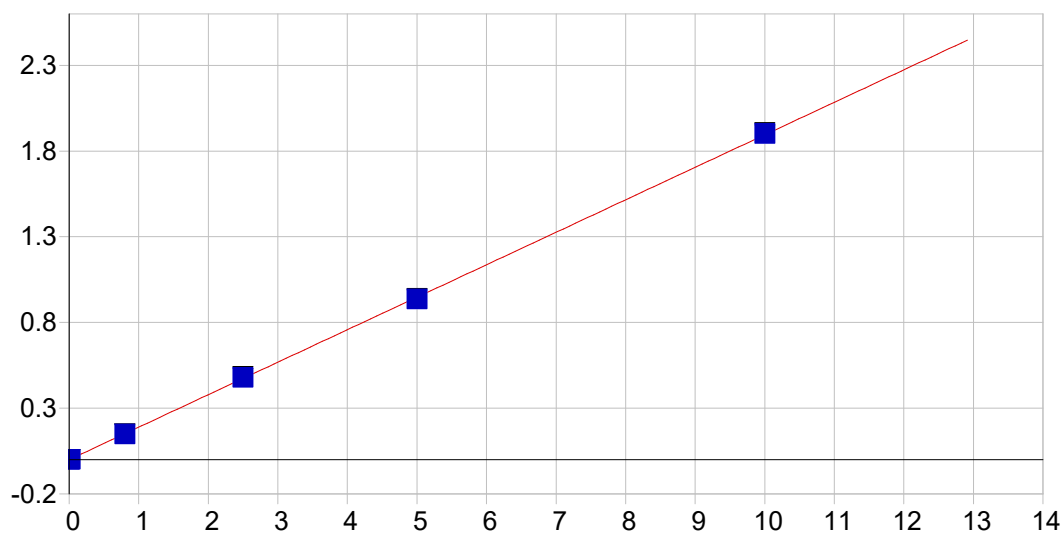


**TI 190.856 {477}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000206 Re-Slope: 1.000000  
 A1 (Gain): 0.073739 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999942 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.001662  
 Predicted MQL: 0.005540

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S1        | .04000       | .03838      | -.002      | -4.05   | .00262  | .000    | 1        |
| S3        | 2.5000       | 2.5673      | .067       | 2.69    | .19007  | .003    | 1        |
| S4        | 5.0000       | 4.9765      | -.023      | -.469   | .36869  | .002    | 1        |
| S5        | 10.000       | 9.9604      | -.040      | -.396   | .73812  | .003    | 1        |
| S2        | .80000       | .79733      | -.003      | -.334   | .05890  | .001    | 1        |

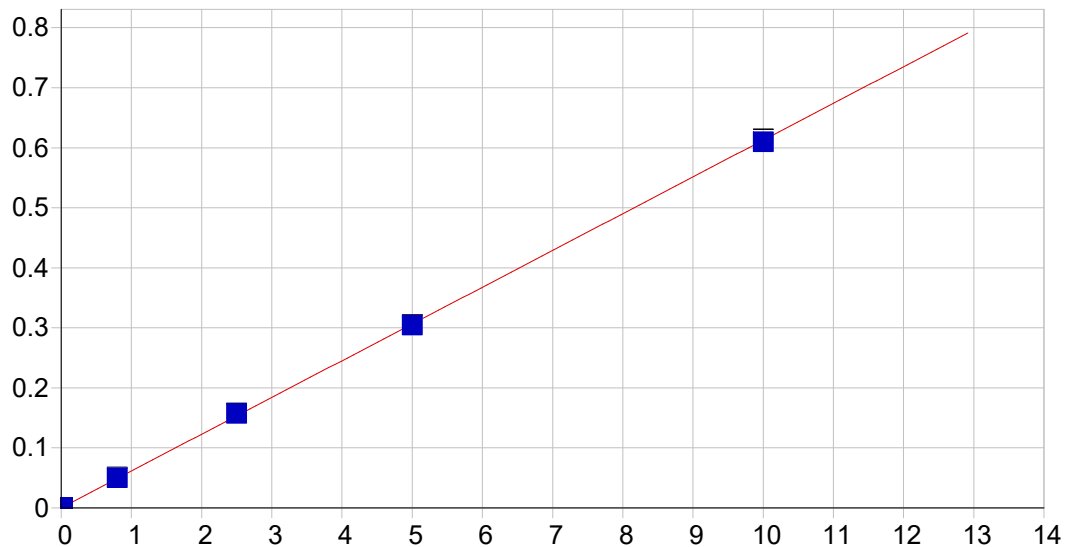


**Pb 220.353 {453}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000243 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.189495  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999959  | Status:   | OK.      |
| Std Error of Est: | 0.000031  |           |          |
| Predicted MDL:    | 0.001489  |           |          |
| Predicted MQL:    | 0.004964  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00024 | .000    | 1        |
| S1        | .01200       | .01326      | .001       | 10.5    | .00222  | .000    | 1        |
| S3        | 2.5000       | 2.5319      | .032       | 1.28    | .47912  | .006    | 1        |
| S4        | 5.0000       | 4.9438      | -.056      | -1.12   | .93573  | .004    | 1        |
| S5        | 10.000       | 10.035      | .035       | .354    | 1.8997  | .006    | 1        |
| S2        | .80000       | .78763      | -.012      | -1.55   | .14887  | .004    | 1        |

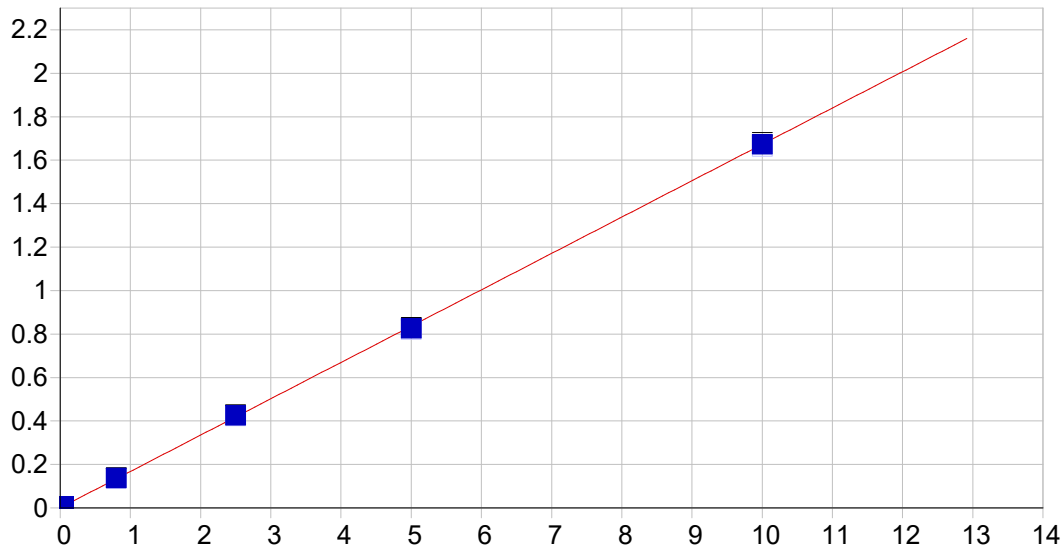


Se 196.090 {472}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000255 Re-Slope: 1.000000  
 A1 (Gain): 0.061241 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999935 Status: OK.  
 Std Error of Est: 0.000016  
 Predicted MDL: 0.002759  
 Predicted MQL: 0.009195

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00026 | .000    | 1        |
| S1        | .02000       | .01881      | -.001      | -5.97   | .00140 | .000    | 1        |
| S3        | 2.5000       | 2.5623      | .062       | 2.49    | .15710 | .001    | 1        |
| S4        | 5.0000       | 4.9683      | -.032      | -.634   | .30436 | .001    | 1        |
| S5        | 10.000       | 9.9539      | -.046      | -.461   | .60953 | .005    | 1        |
| S2        | .80000       | .81667      | .017       | 2.08    | .05024 | .001    | 1        |

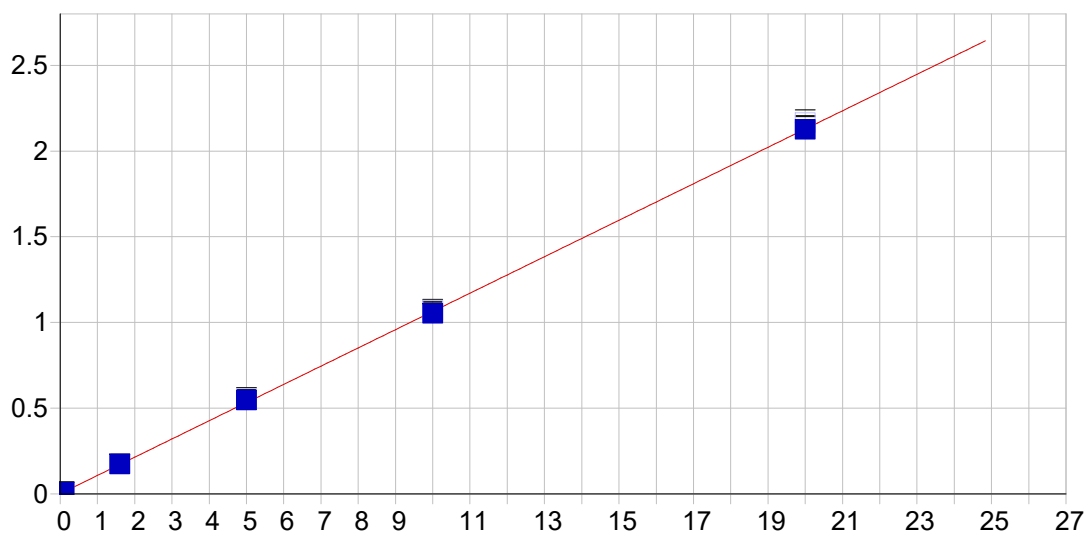


**Sb 206.833 {463}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000432 Re-Slope: 1.000000  
 A1 (Gain): 0.167223 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: OK.  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.001375  
 Predicted MQL: 0.004583

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00043 | .000    | 1        |
| S1        | .05000       | .04937      | -.001      | -1.27   | .00864 | .000    | 1        |
| S3        | 2.5000       | 2.5433      | .043       | 1.73    | .42296 | .002    | 1        |
| S4        | 5.0000       | 4.9391      | -.061      | -1.22   | .82082 | .004    | 1        |
| S5        | 10.000       | 10.004      | .004       | .045    | 1.6623 | .008    | 1        |
| S2        | .80000       | .81376      | .014       | 1.72    | .13562 | .001    | 1        |

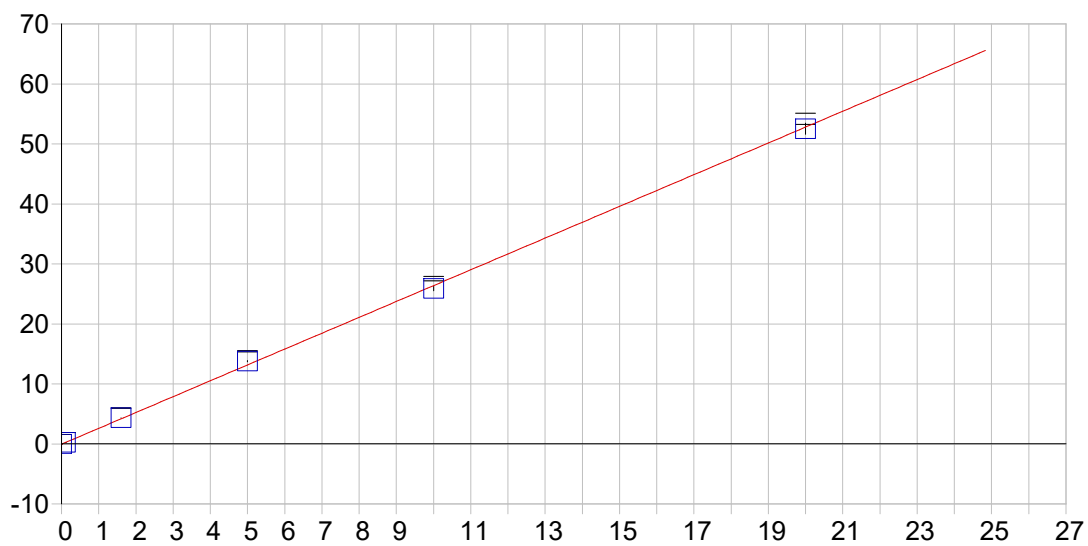


AI 396.152 { 85}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001059 Re-Slope: 1.000000  
A1 (Gain): 0.106375 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999934 Status: OK.  
Std Error of Est: 0.000092  
Predicted MDL: 0.006199  
Predicted MQL: 0.020664

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00106 | .000    | 1        |
| S1        | .10000       | .09522      | -.005      | -4.78   | .01202 | .000    | 1        |
| S3        | 5.0000       | 5.1273      | .127       | 2.55    | .55603 | .006    | 1        |
| S4        | 10.000       | 9.8798      | -.120      | -1.20   | 1.0711 | .005    | 1        |
| S5        | 20.000       | 19.985      | -.015      | -.077   | 2.1651 | .016    | 1        |
| S2        | 1.6000       | 1.6134      | .013       | .838    | .17574 | .002    | 1        |

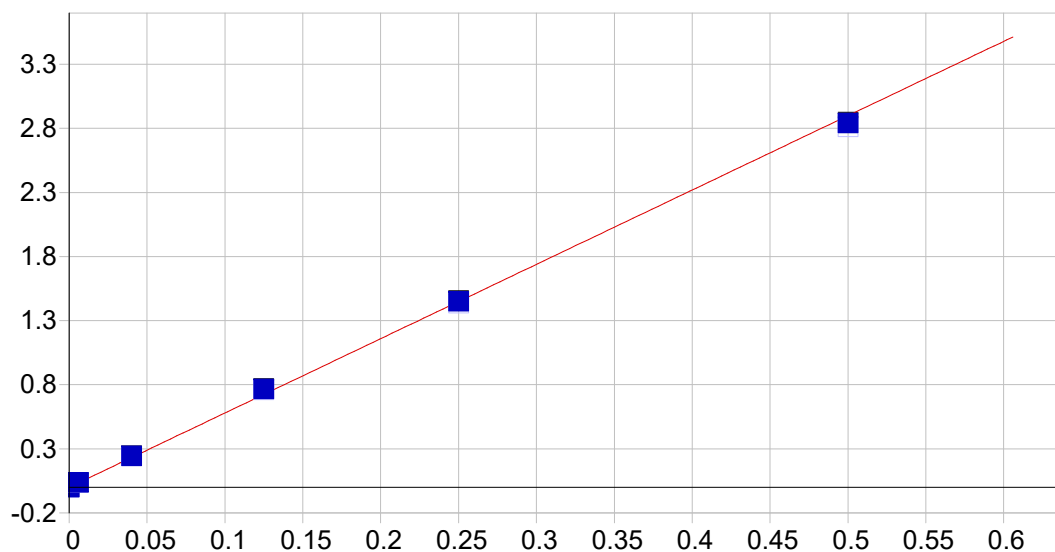


**Ba 493.409 { 68}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.048479 Re-Slope: 1.000000  
 A1 (Gain): 2.642458 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999773 Status: OK.  
 Std Error of Est: 0.004179  
 Predicted MDL: 0.000750  
 Predicted MQL: 0.002501

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.04850 | .002    | 1        |
| S1        | .10000       | .10215      | .002       | 2.15    | .22145  | .004    | 1        |
| S3        | 5.0000       | 5.2340      | .234       | 4.68    | 13.782  | .085    | 1        |
| S4        | 10.000       | 9.8167      | -.183      | -1.83   | 25.892  | .395    | 1        |
| S5        | 20.000       | 19.894      | -.106      | -.530   | 52.520  | .945    | 1        |
| S2        | 1.6000       | 1.6532      | .053       | 3.33    | 4.3202  | .037    | 1        |



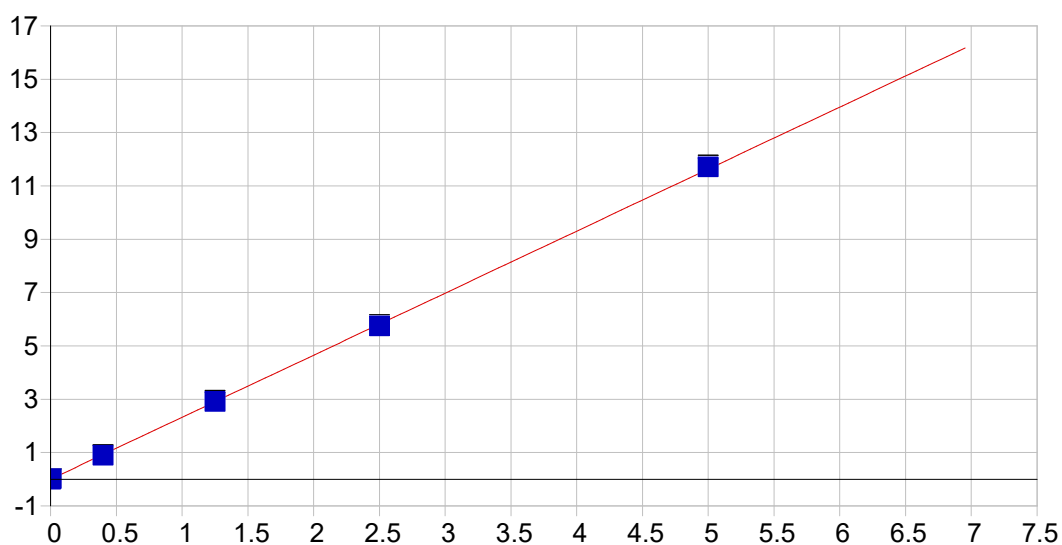
### Be 234.861 {144}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000401 Re-Slope: 1.000000  
 A1 (Gain): 5.799185 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999566 Status: OK.  
 Std Error of Est: 0.000487  
 Predicted MDL: 0.000061  
 Predicted MQL: 0.000204

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00041 | .000    | 1        |
| S1        | .00600       | .00661      | .001       | 10.1    | .03734  | .000    | 1        |
| S3        | .12500       | .13222      | .007       | 5.77    | .75886  | .004    | 1        |
| S4        | .25000       | .25009      | .000       | .037    | 1.4350  | .006    | 1        |
| S5        | .50000       | .49002      | -.010      | -2.00   | 2.8114  | .006    | 1        |
| S2        | .04000       | .04206      | .002       | 5.16    | .24114  | .000    | 1        |



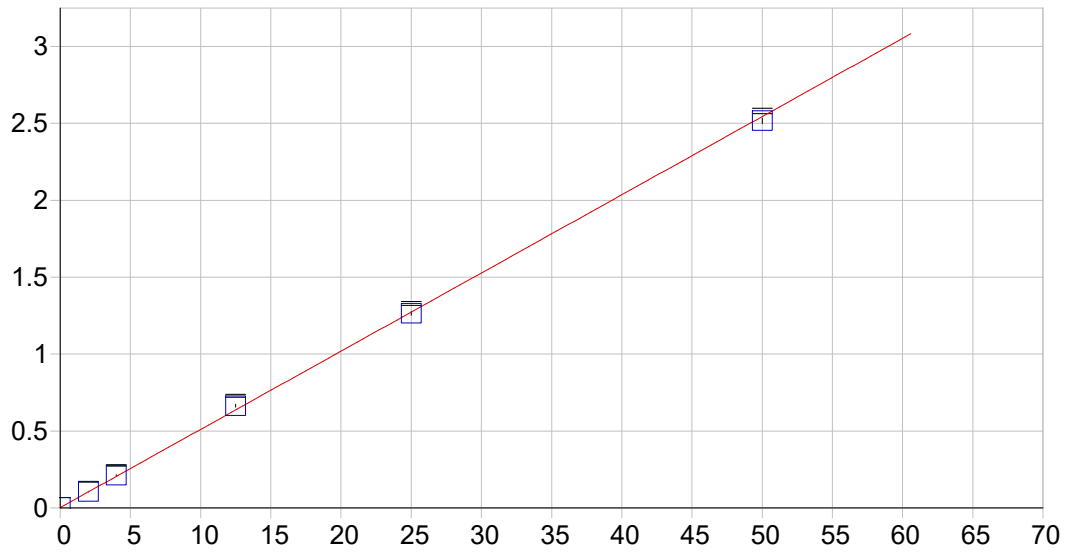


**Cd 226.502 {449}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000484 Re-Slope: 1.000000  
 A1 (Gain): 2.326255 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999946 Status: OK.  
 Std Error of Est: 0.000220  
 Predicted MDL: 0.000100  
 Predicted MQL: 0.000334

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00049 | .000    | 1        |
| S1        | .00600       | .00646      | .000       | 7.68    | .01457  | .001    | 1        |
| S3        | 1.2500       | 1.2544      | .004       | .349    | 2.9179  | .041    | 1        |
| S4        | 2.5000       | 2.4720      | -.028      | -1.12   | 5.7507  | .038    | 1        |
| S5        | 5.0000       | 5.0355      | .036       | .710    | 11.715  | .064    | 1        |
| S2        | .40000       | .38771      | -.012      | -3.07   | .90155  | .023    | 1        |

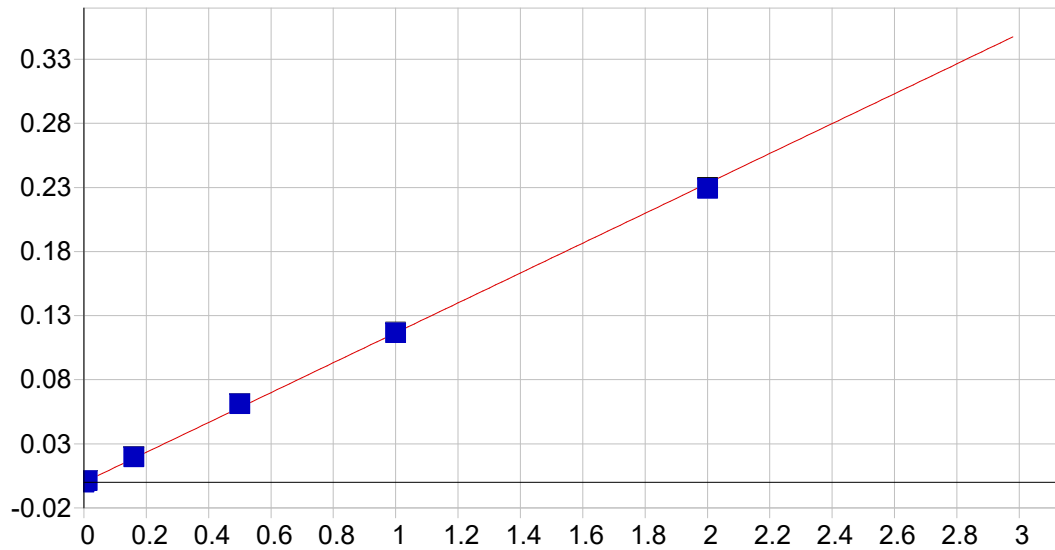


Ca 373.690 { 90}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001953 Re-Slope: 1.000000  
 A1 (Gain): 0.050852 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999810 Status: OK.  
 Std Error of Est: 0.000525  
 Predicted MDL: 0.010172  
 Predicted MQL: 0.033908

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00018     | -.000      | .000    | .00194 | .000    | 1        |
| S2        | 4.0000       | 4.1340      | .134       | 3.35    | .21217 | .003    | 1        |
| S3        | 12.500       | 13.023      | .523       | 4.19    | .66421 | .009    | 1        |
| S4        | 25.000       | 24.828      | -.172      | -.687   | 1.2645 | .012    | 1        |
| S5        | 50.000       | 49.452      | -.548      | -1.10   | 2.5167 | .018    | 1        |
| S1        | 2.0000       | 2.0622      | .062       | 3.11    | .10682 | .002    | 1        |

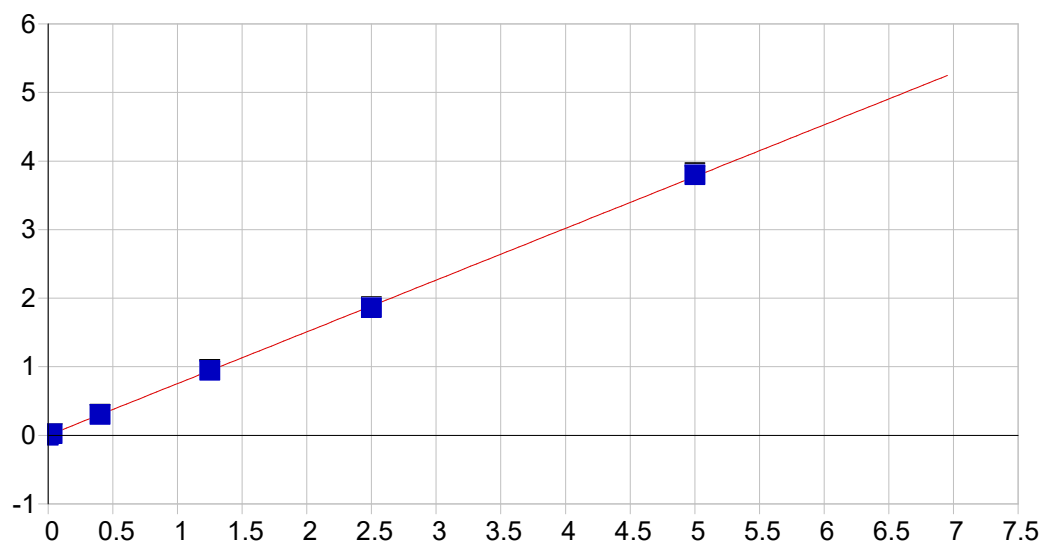


**Cr 267.716 {126}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000002 Re-Slope: 1.000000  
 A1 (Gain): 0.116612 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999655 Status: OK.  
 Std Error of Est: 0.000023  
 Predicted MDL: 0.000368  
 Predicted MQL: 0.001226

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00000 | .000    | 1        |
| S1        | .01000       | .01078      | .001       | 7.83    | .00126 | .000    | 1        |
| S3        | .50000       | .52498      | .025       | 5.00    | .06125 | .000    | 1        |
| S4        | 1.0000       | .99963      | -.000      | -.037   | .11663 | .000    | 1        |
| S5        | 2.0000       | 1.9648      | -.035      | -1.76   | .22924 | .001    | 1        |
| S2        | .16000       | .16983      | .010       | 6.15    | .01982 | .000    | 1        |

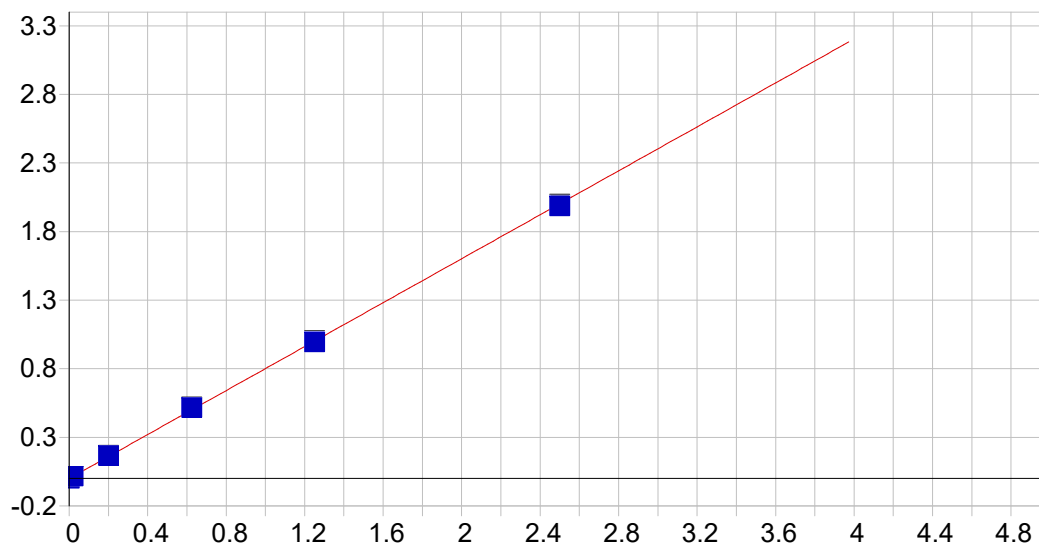


Co 228.616 {448}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000226 Re-Slope: 1.000000  
 A1 (Gain): 0.754751 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999961 Status: OK.  
 Std Error of Est: 0.000136  
 Predicted MDL: 0.000240  
 Predicted MQL: 0.000799

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00023 | .000    | 1        |
| S1        | .03000       | .03044      | .000       | 1.47    | .02269  | .001    | 1        |
| S3        | 1.2500       | 1.2522      | .002       | .176    | .94669  | .014    | 1        |
| S4        | 2.5000       | 2.4649      | -.035      | -1.40   | 1.8638  | .012    | 1        |
| S5        | 5.0000       | 5.0330      | .033       | .661    | 3.8057  | .023    | 1        |
| S2        | .40000       | .39943      | -.001      | -.144   | .30182  | .004    | 1        |

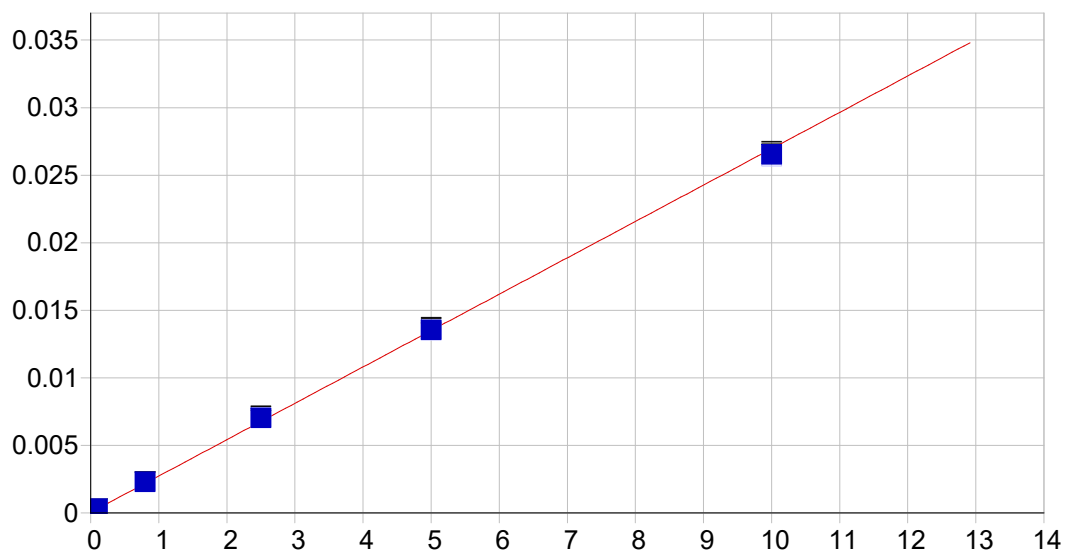


**Cu 224.700 {450}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000085 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.801134  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999860  | Status:   | OK.      |
| Std Error of Est: | 0.000158  |           |          |
| Predicted MDL:    | 0.000383  |           |          |
| Predicted MQL:    | 0.001277  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .02000       | .02148      | .001       | 7.39    | .01723  | .000    | 1        |
| S3        | .62500       | .64465      | .020       | 3.14    | .51836  | .003    | 1        |
| S4        | 1.2500       | 1.2424      | -.008      | -.605   | .99926  | .004    | 1        |
| S5        | 2.5000       | 2.4783      | -.022      | -.868   | 1.9933  | .007    | 1        |
| S2        | .20000       | .20813      | .008       | 4.07    | .16730  | .002    | 1        |

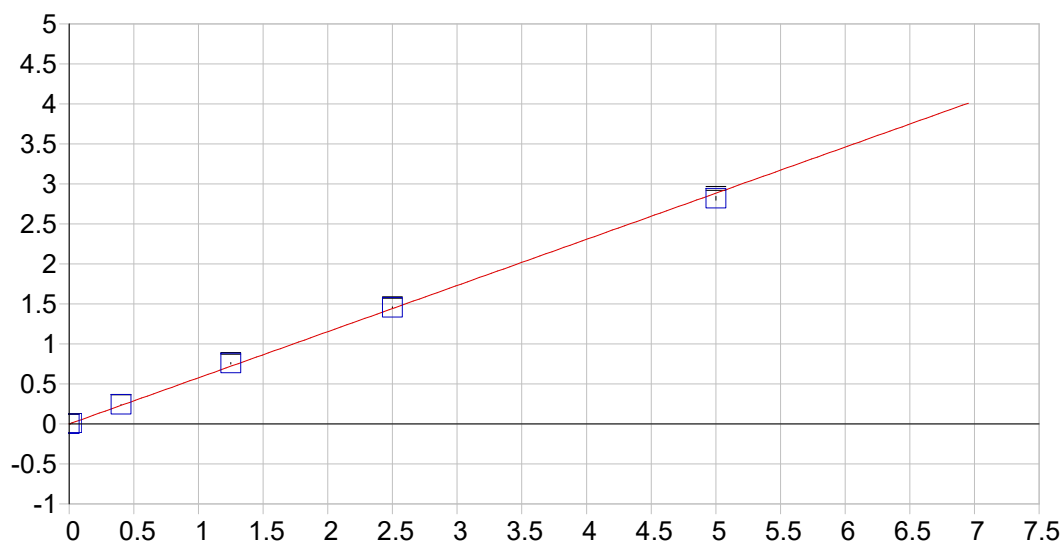


**Fe 240.488 {140}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000035 Re-Slope: 1.000000  
 A1 (Gain): 0.002692 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999767 Status: OK.  
 Std Error of Est: 0.000003  
 Predicted MDL: 0.006090  
 Predicted MQL: 0.020301

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .10000       | .10244      | .002       | 2.44    | .00031 | .000    | 1        |
| S3        | 2.5000       | 2.5993      | .099       | 3.97    | .00700 | .000    | 1        |
| S4        | 5.0000       | 5.0237      | .024       | .473    | .01350 | .000    | 1        |
| S5        | 10.000       | 9.8374      | -.163      | -1.63   | .02640 | .000    | 1        |
| S2        | .80000       | .83712      | .037       | 4.64    | .00228 | .000    | 1        |

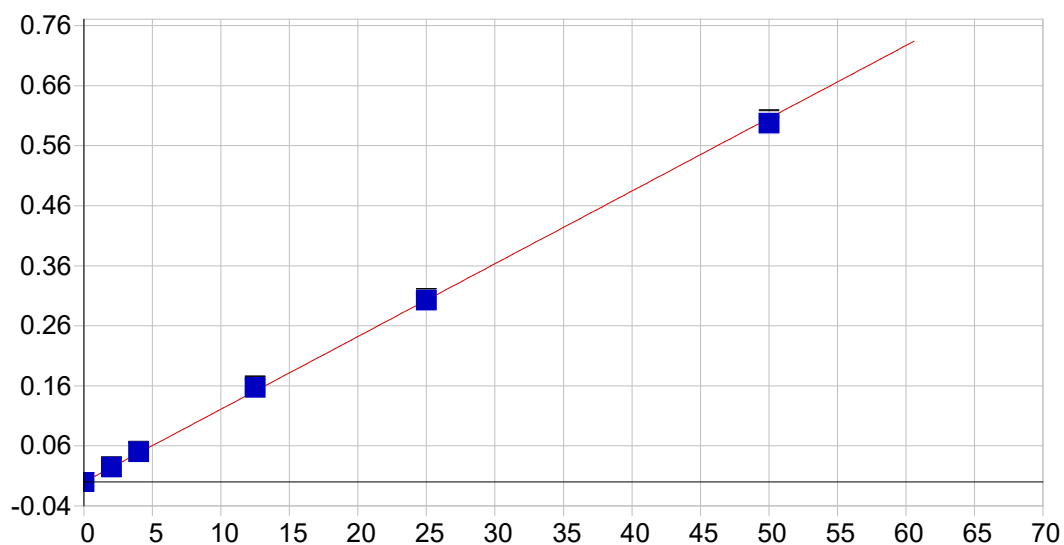


**Mn 257.610 {131}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000032 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.576694 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999604 | Status:   | OK.      |
| Std Error of Est: | 0.000269 |           |          |
| Predicted MDL:    | 0.000358 |           |          |
| Predicted MQL:    | 0.001194 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00003 | .000    | 1        |
| S1        | .02000       | .02225      | .002       | 11.2    | .01286 | .000    | 1        |
| S3        | 1.2500       | 1.3146      | .065       | 5.17    | .75816 | .010    | 1        |
| S4        | 2.5000       | 2.5243      | .024       | .974    | 1.4558 | .010    | 1        |
| S5        | 5.0000       | 4.8891      | -.111      | -2.22   | 2.8195 | .025    | 1        |
| S2        | .40000       | .41972      | .020       | 4.93    | .24208 | .002    | 1        |



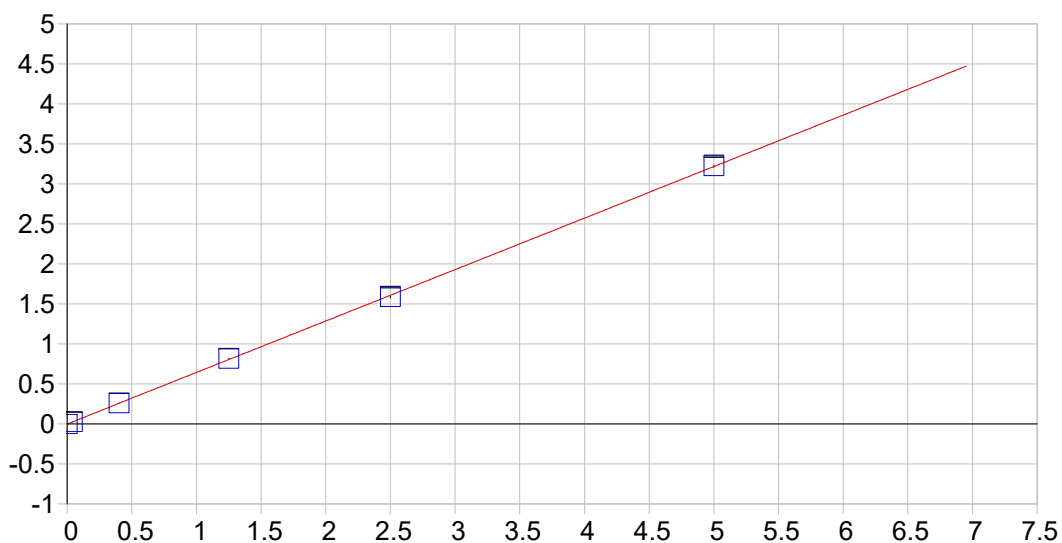
**Mg 279.079 {121}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000177 Re-Slope: 1.000000  
 A1 (Gain): 0.012116 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999818 Status: OK.  
 Std Error of Est: 0.000122  
 Predicted MDL: 0.019992  
 Predicted MQL: 0.066640

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00017     | -.000      | .000    | -.00018 | .000    | 1        |
| S2        | 4.0000       | 4.1314      | .131       | 3.28    | .04976  | .001    | 1        |
| S3        | 12.500       | 12.996      | .496       | 3.97    | .15690  | .003    | 1        |
| S4        | 25.000       | 24.983      | -.017      | -.070   | .30175  | .003    | 1        |
| S5        | 50.000       | 49.342      | -.658      | -1.32   | .59613  | .005    | 1        |
| S1        | 2.0000       | 2.0478      | .048       | 2.39    | .02460  | .001    | 1        |



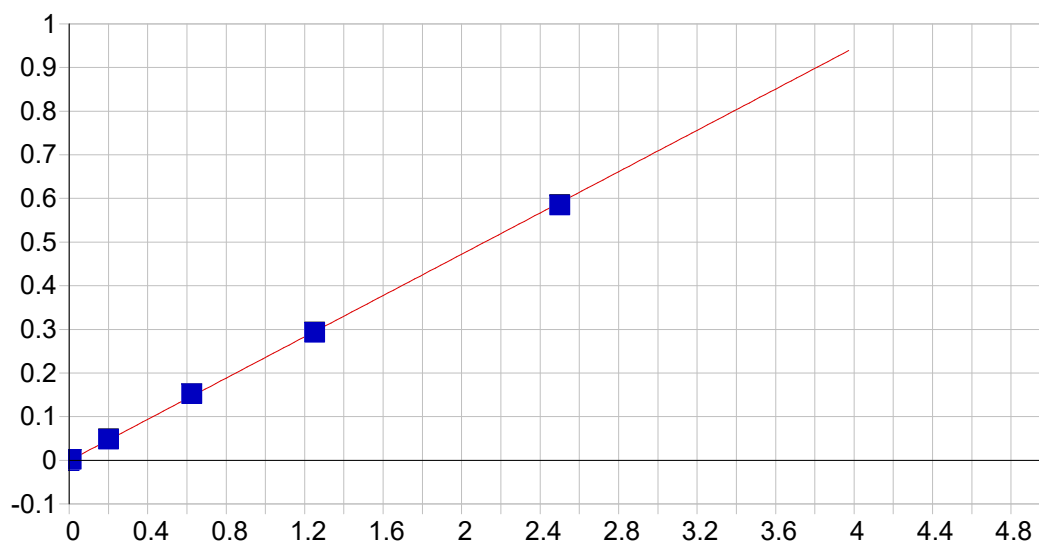


### Ni 231.604 {446}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000163 Re-Slope: 1.000000  
 A1 (Gain): 0.643345 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999956 Status: OK.  
 Std Error of Est: 0.000142  
 Predicted MDL: 0.000374  
 Predicted MQL: 0.001246

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00016 | .000    | 1        |
| S1        | .04000       | .04021      | .000       | .523    | .02571  | .001    | 1        |
| S3        | 1.2500       | 1.2713      | .021       | 1.70    | .81770  | .003    | 1        |
| S4        | 2.5000       | 2.4675      | -.032      | -1.30   | 1.5873  | .010    | 1        |
| S5        | 5.0000       | 5.0095      | .009       | .189    | 3.2226  | .013    | 1        |
| S2        | .40000       | .40156      | .002       | .391    | .25818  | .003    | 1        |

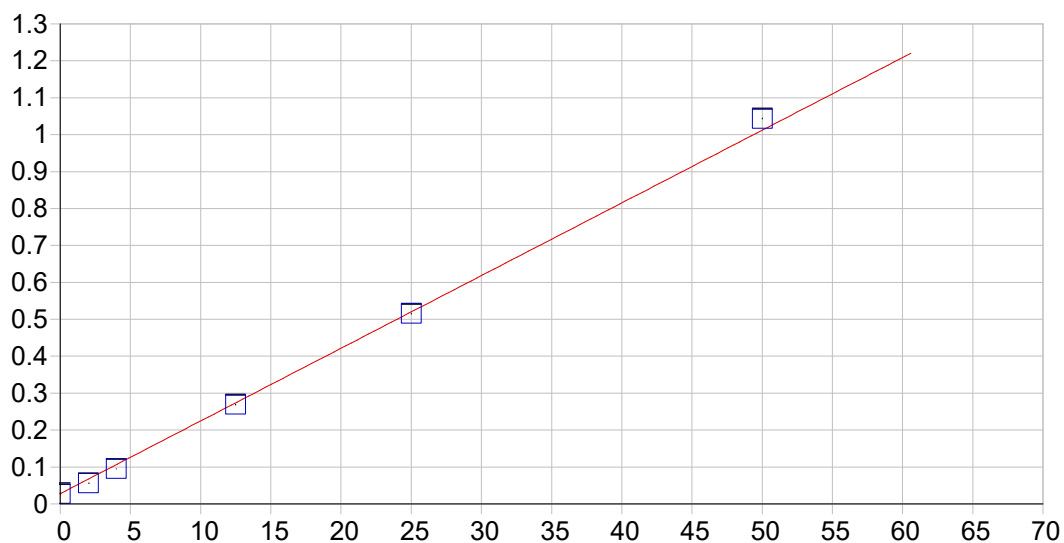


**Ag 328.068 {103}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000903 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.236542  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999826  | Status:   | OK.      |
| Std Error of Est: | 0.000037  |           |          |
| Predicted MDL:    | 0.000322  |           |          |
| Predicted MQL:    | 0.001075  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00090 | .000    | 1        |
| S1        | .01000       | .01053      | .001       | 5.27    | .00158  | .000    | 1        |
| S3        | .62500       | .64898      | .024       | 3.84    | .15226  | .000    | 1        |
| S4        | 1.2500       | 1.2413      | -.009      | -.697   | .29203  | .001    | 1        |
| S5        | 2.5000       | 2.4759      | -.024      | -.965   | .58337  | .001    | 1        |
| S2        | .20000       | .20834      | .008       | 4.17    | .04827  | .000    | 1        |

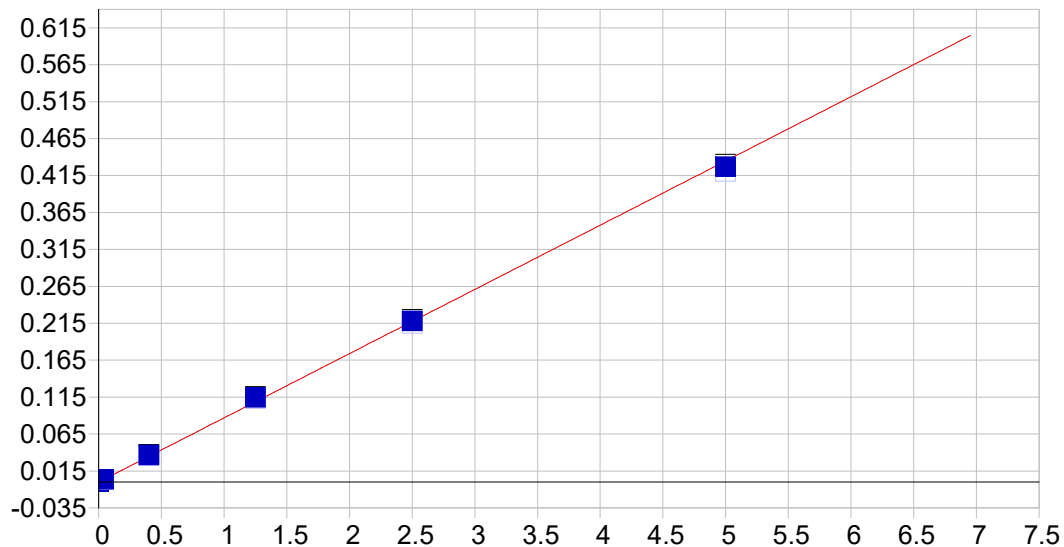


Na 589.592 { 57}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.027805 Re-Slope: 1.000000  
 A1 (Gain): 0.019685 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.998420 Status: OK.  
 Std Error of Est: 0.000586  
 Predicted MDL: 0.007238  
 Predicted MQL: 0.024128

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00084      | .001       | .000    | .02782 | .002    | 1        |
| S2        | 4.0000       | 3.4125      | -.587      | -14.7   | .09498 | .001    | 1        |
| S3        | 12.500       | 12.268      | -.232      | -1.86   | .26930 | .001    | 1        |
| S4        | 25.000       | 24.763      | -.237      | -.946   | .51528 | .001    | 1        |
| S5        | 50.000       | 51.606      | 1.61       | 3.21    | 1.0437 | .001    | 1        |
| S1        | 2.0000       | 1.4499      | -.550      | -27.5   | .05635 | .000    | 1        |

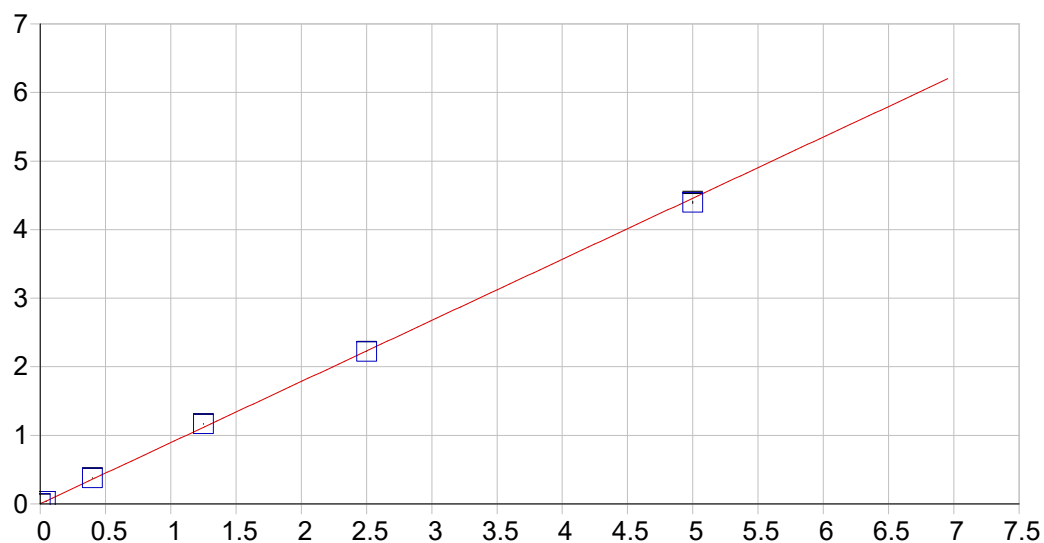


**V 292.402 {115}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000  
 A1 (Gain): 0.086962 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999671 Status: OK.  
 Std Error of Est: 0.000052  
 Predicted MDL: 0.002577  
 Predicted MQL: 0.008591

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .04000       | .04040      | .000       | 1.00    | .00332  | .000    | 1        |
| S3        | 1.2500       | 1.3151      | .065       | 5.20    | .11269  | .001    | 1        |
| S4        | 2.5000       | 2.5062      | .006       | .246    | .21468  | .002    | 1        |
| S5        | 5.0000       | 4.9100      | -.090      | -1.80   | .42053  | .003    | 1        |
| S2        | .40000       | .41840      | .018       | 4.60    | .03581  | .001    | 1        |

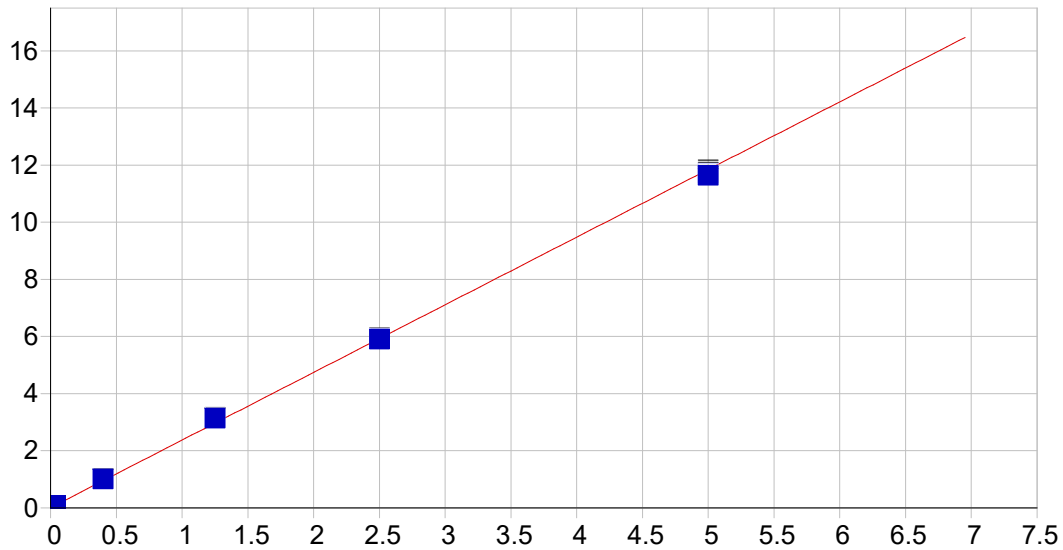


**Zn 206.200 {464}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.002354 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.891292 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999760 | Status:   | OK.      |
| Std Error of Est: | 0.000458 |           |          |
| Predicted MDL:    | 0.000226 |           |          |
| Predicted MQL:    | 0.000753 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00235 | .000    | 1        |
| S1        | .04000       | .04101      | .001       | 2.52    | .03891 | .000    | 1        |
| S3        | 1.2500       | 1.3059      | .056       | 4.48    | 1.1663 | .004    | 1        |
| S4        | 2.5000       | 2.4919      | -.008      | -.326   | 2.2233 | .003    | 1        |
| S5        | 5.0000       | 4.9319      | -.068      | -1.36   | 4.3981 | .017    | 1        |
| S2        | .40000       | .41928      | .019       | 4.82    | .37606 | .004    | 1        |

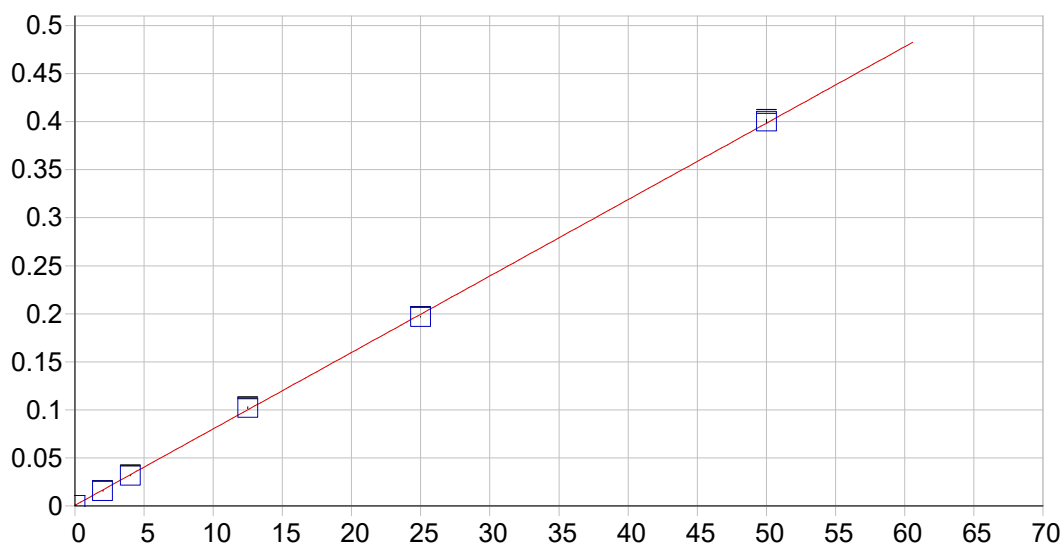


**Zn 213.856 {158}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007434 Re-Slope: 1.000000  
 A1 (Gain): 2.368149 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999626 Status: OK.  
 Std Error of Est: 0.001530  
 Predicted MDL: 0.000278  
 Predicted MQL: 0.000926

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00742 | .000    | 1        |
| S1        | .04000       | .04044      | .000       | 1.09    | .10384 | .001    | 1        |
| S3        | 1.2500       | 1.3221      | .072       | 5.76    | 3.1566 | .012    | 1        |
| S4        | 2.5000       | 2.4902      | -.010      | -.394   | 5.9413 | .008    | 1        |
| S5        | 5.0000       | 4.9145      | -.086      | -1.71   | 11.719 | .110    | 1        |
| S2        | .40000       | .42286      | .023       | 5.72    | 1.0147 | .002    | 1        |

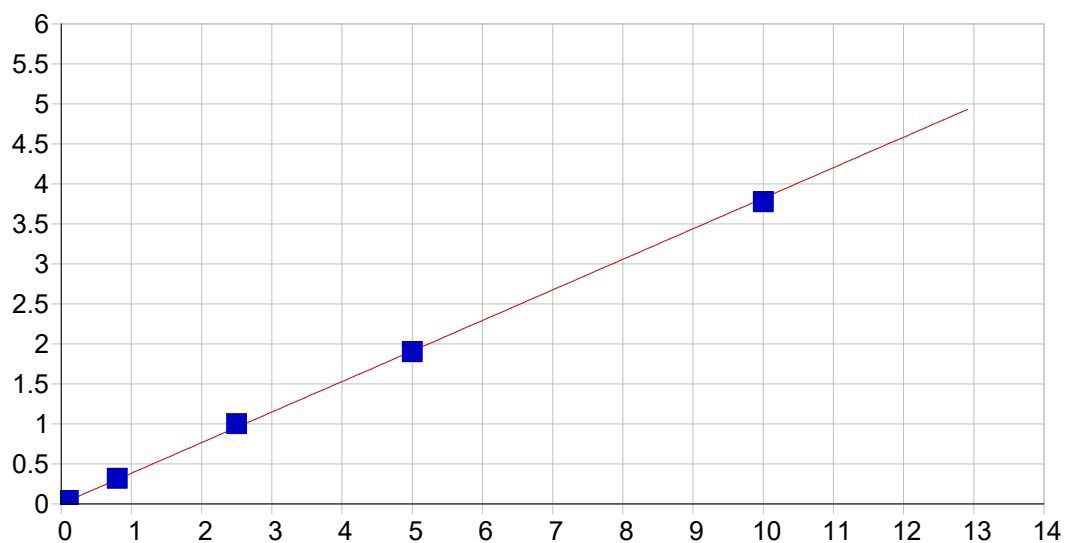


K 766.490 { 44}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000615 Re-Slope: 1.000000  
 A1 (Gain): 0.007956 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999898 Status: OK.  
 Std Error of Est: 0.000060  
 Predicted MDL: 0.021836  
 Predicted MQL: 0.072788

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00013      | .000       | .000    | .00062 | .000    | 1        |
| S2        | 4.0000       | 3.9089      | -.091      | -2.28   | .03171 | .001    | 1        |
| S3        | 12.500       | 12.766      | .266       | 2.13    | .10218 | .001    | 1        |
| S4        | 25.000       | 24.684      | -.316      | -1.26   | .19700 | .000    | 1        |
| S5        | 50.000       | 50.251      | .251       | .501    | .40040 | .002    | 1        |
| S1        | 2.0000       | 1.8902      | -.110      | -5.49   | .01565 | .000    | 1        |



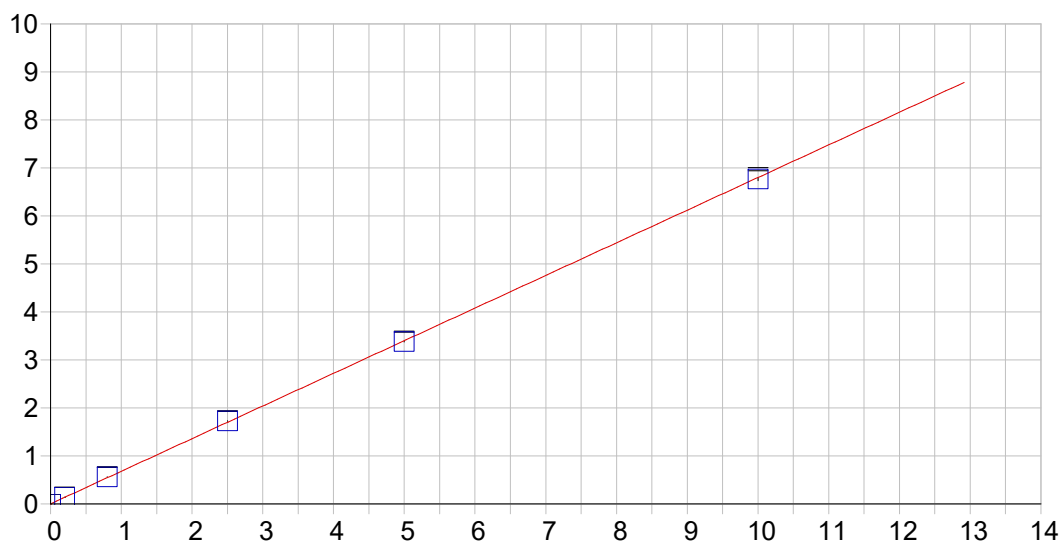
**B 249.678 {135}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001823 Re-Slope: 1.000000  
 A1 (Gain): 0.381857 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999784 Status: OK.  
 Std Error of Est: 0.000416  
 Predicted MDL: 0.000910  
 Predicted MQL: 0.003035

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00182 | .000    | 1        |
| S1        | .10000       | .10740      | .007       | 7.40    | .04261 | .000    | 1        |
| S3        | 2.5000       | 2.6107      | .111       | 4.43    | .99576 | .003    | 1        |
| S4        | 5.0000       | 4.9705      | -.030      | -.590   | 1.8939 | .004    | 1        |
| S5        | 10.000       | 9.8840      | -.116      | -1.16   | 3.7642 | .004    | 1        |
| S2        | .80000       | .82745      | .027       | 3.43    | .31684 | .001    | 1        |





**Mo 202.030 {467}**

Date of Fit: 5/16/2022 13:18:38

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000233

Re-Slope: 1.000000

A1 (Gain): 0.679936

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999947

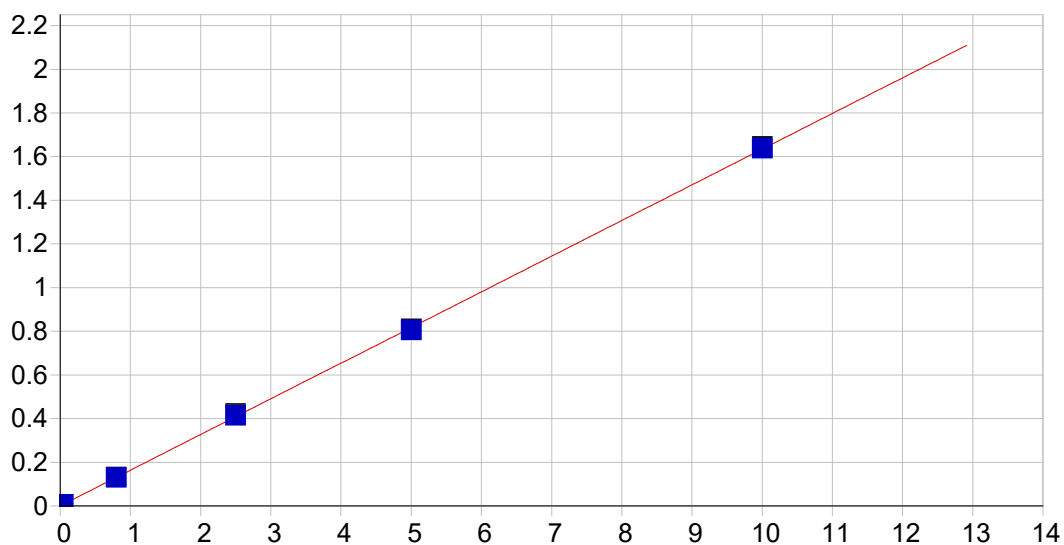
Status: OK.

Std Error of Est: 0.000520

Predicted MDL: 0.000277

Predicted MQL: 0.000922

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00022 | .000    | 1        |
| S1        | .20000       | .20637      | .006       | 3.18    | .14055 | .000    | 1        |
| S3        | 2.5000       | 2.5390      | .039       | 1.56    | 1.7266 | .008    | 1        |
| S4        | 5.0000       | 4.9751      | -.025      | -.499   | 3.3830 | .011    | 1        |
| S5        | 10.000       | 9.9542      | -.046      | -.458   | 6.7684 | .035    | 1        |
| S2        | .80000       | .82543      | .025       | 3.18    | .56147 | .005    | 1        |

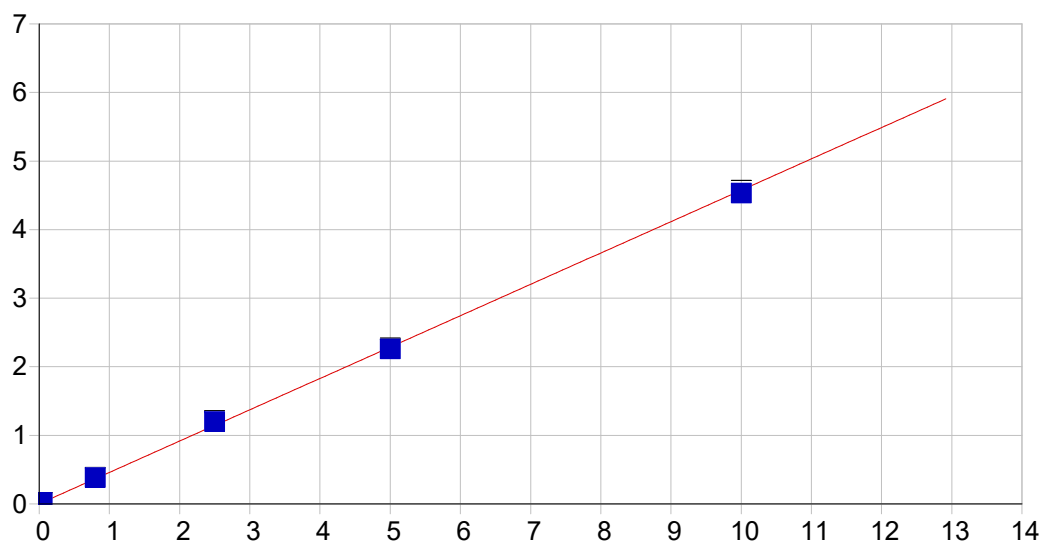


**Sn 189.989 {478}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000230 Re-Slope: 1.000000  
 A1 (Gain): 0.163378 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000063  
 Predicted MDL: 0.000740  
 Predicted MQL: 0.002466

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .04000       | .04606      | .006       | 15.1    | .00774 | .000    | 1        |
| S3        | 2.5000       | 2.5364      | .036       | 1.45    | .41351 | .007    | 1        |
| S4        | 5.0000       | 4.9315      | -.068      | -1.37   | .80371 | .005    | 1        |
| S5        | 10.000       | 10.029      | .029       | .288    | 1.6343 | .007    | 1        |
| S2        | .80000       | .79728      | -.003      | -.340   | .13013 | .001    | 1        |

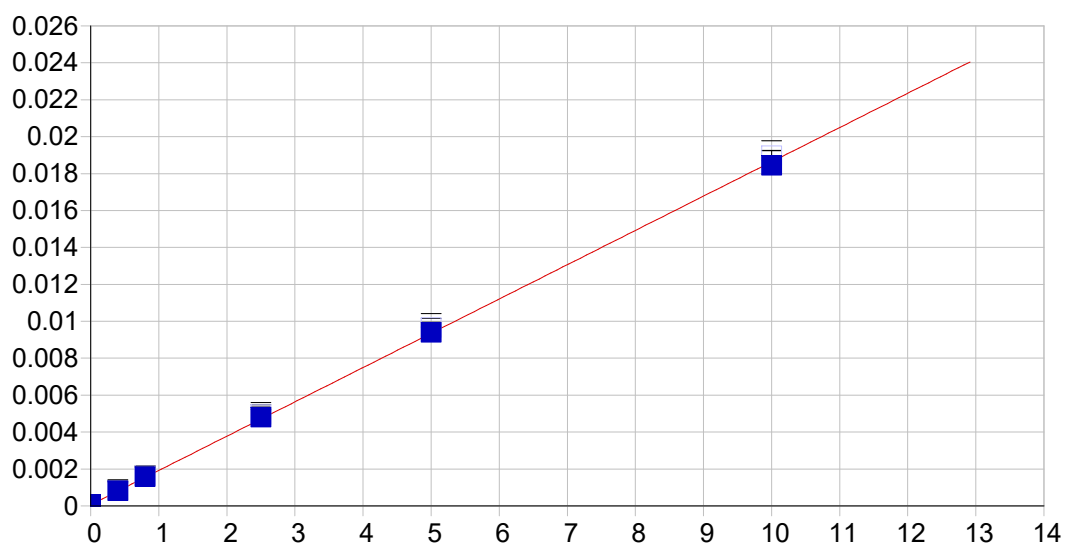


**Ti 336.121 {100}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001146 Re-Slope: 1.000000  
 A1 (Gain): 0.457255 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999773 Status: OK.  
 Std Error of Est: 0.000323  
 Predicted MDL: 0.000823  
 Predicted MQL: 0.002742

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00114 | .000    | 1        |
| S1        | .04000       | .04037      | .000       | .920    | .01958 | .000    | 1        |
| S3        | 2.5000       | 2.6162      | .116       | 4.65    | 1.1972 | .018    | 1        |
| S4        | 5.0000       | 4.9405      | -.060      | -1.19   | 2.2596 | .012    | 1        |
| S5        | 10.000       | 9.9095      | -.091      | -.905   | 4.5312 | .041    | 1        |
| S2        | .80000       | .83346      | .033       | 4.18    | .38216 | .004    | 1        |

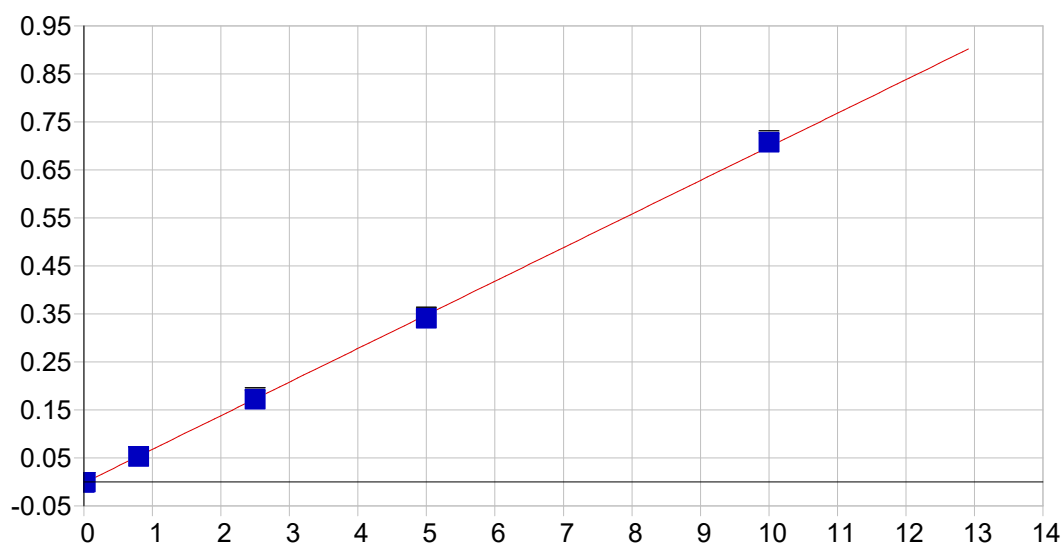


Si 288.158 {117}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000062 Re-Slope: 1.000000  
 A1 (Gain): 0.001858 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999926 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.013264  
 Predicted MQL: 0.044214

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .40000       | .40714      | .007       | 1.79    | .00082 | .000    | 1        |
| S3        | 2.5000       | 2.5544      | .054       | 2.18    | .00494 | .000    | 1        |
| S4        | 5.0000       | 5.0202      | .020       | .404    | .00965 | .000    | 1        |
| S5        | 10.000       | 9.8985      | -.102      | -1.02   | .01897 | .000    | 1        |
| S2        | .80000       | .81994      | .020       | 2.49    | .00163 | .000    | 1        |

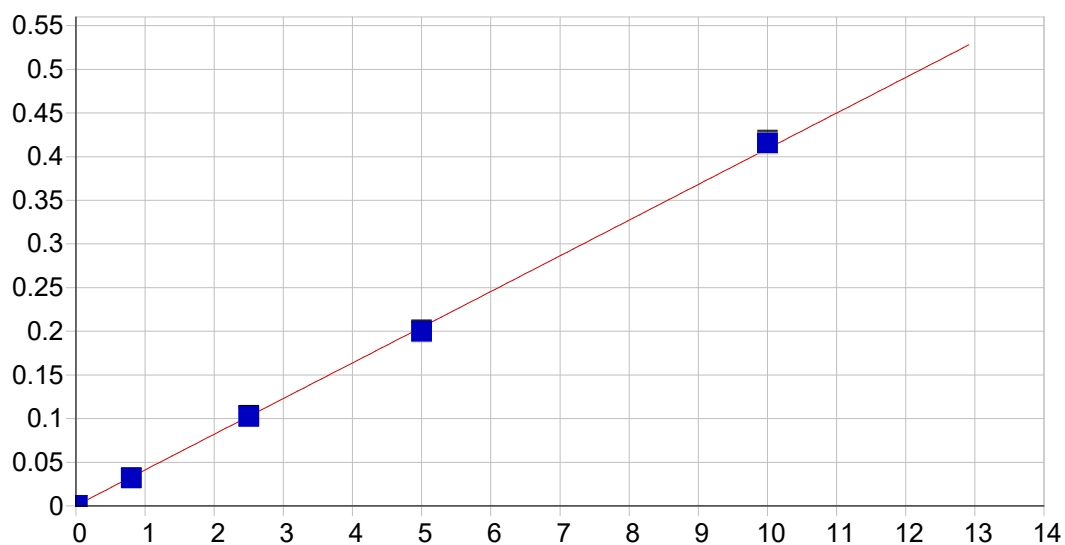


P 177.495 {490}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002057 Re-Slope: 1.000000  
 A1 (Gain): 0.070010 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999871 Status: OK.  
 Std Error of Est: 0.000026  
 Predicted MDL: 0.001732  
 Predicted MQL: 0.005773

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00206 | .000    | 1        |
| S1        | .02000       | .02018      | .000       | .904    | -.00064 | .000    | 1        |
| S3        | 2.5000       | 2.4900      | -.010      | -.399   | .17230  | .003    | 1        |
| S4        | 5.0000       | 4.8923      | -.108      | -2.15   | .34050  | .003    | 1        |
| S5        | 10.000       | 10.137      | .137       | 1.37    | .70775  | .003    | 1        |
| S2        | .80000       | .78030      | -.020      | -2.46   | .05258  | .000    | 1        |

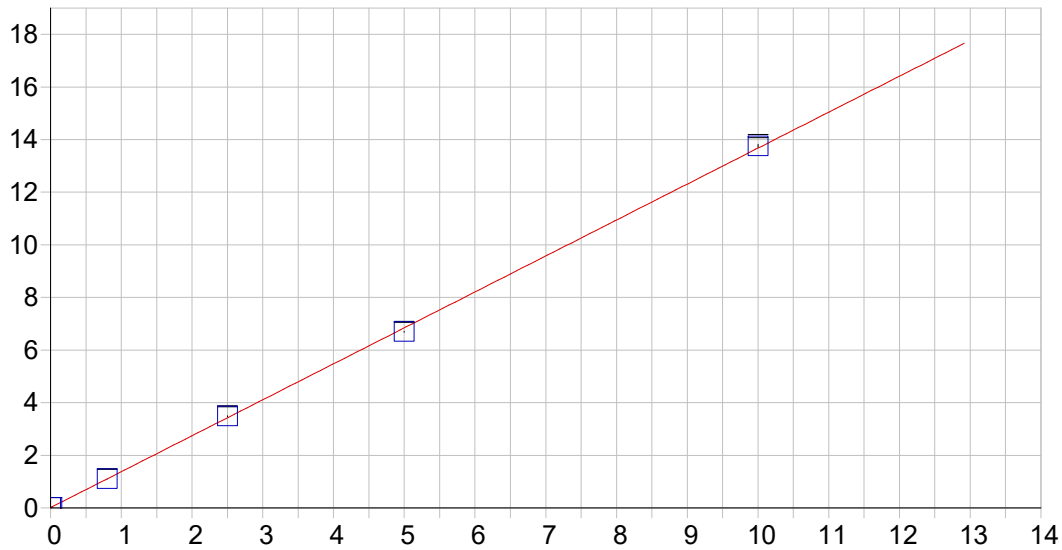


**S 182.034 {485}**

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000373 Re-Slope: 1.000000  
 A1 (Gain): 0.040861 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999806 Status: OK.  
 Std Error of Est: 0.000019  
 Predicted MDL: 0.003078  
 Predicted MQL: 0.010261

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00037 | .000    | 1        |
| S1        | .02000       | .01884      | -.001      | -5.78   | .00110 | .000    | 1        |
| S3        | 2.5000       | 2.4923      | -.008      | -.309   | .10179 | .002    | 1        |
| S4        | 5.0000       | 4.8750      | -.125      | -2.50   | .19874 | .002    | 1        |
| S5        | 10.000       | 10.164      | .164       | 1.64    | .41402 | .003    | 1        |
| S2        | .80000       | .76984      | -.030      | -3.77   | .03170 | .000    | 1        |

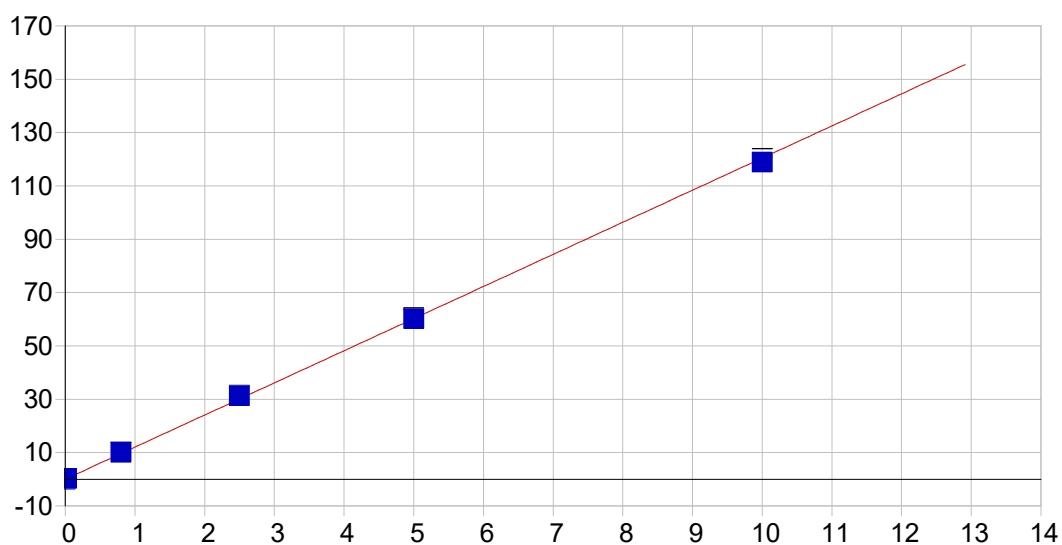


Li 670.784 { 50}

Date of Fit: 5/16/2022 13:18:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010105 Re-Slope: 1.000000  
 A1 (Gain): 1.366596 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999908 Status: OK.  
 Std Error of Est: 0.000434  
 Predicted MDL: 0.000986  
 Predicted MQL: 0.003286

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01011 | .000    | 1        |
| S5        | 10.000       | 10.060      | .060       | .604    | 13.759 | .057    | 1        |
| S4        | 5.0000       | 4.8959      | -.104      | -2.08   | 6.7008 | .019    | 1        |
| S3        | 2.5000       | 2.5441      | .044       | 1.77    | 3.4869 | .016    | 1        |
| S1        | .02000       | .01901      | -.001      | -4.95   | .03608 | .001    | 1        |
| S2        | .80000       | .80052      | .001       | .065    | 1.1041 | .008    | 1        |



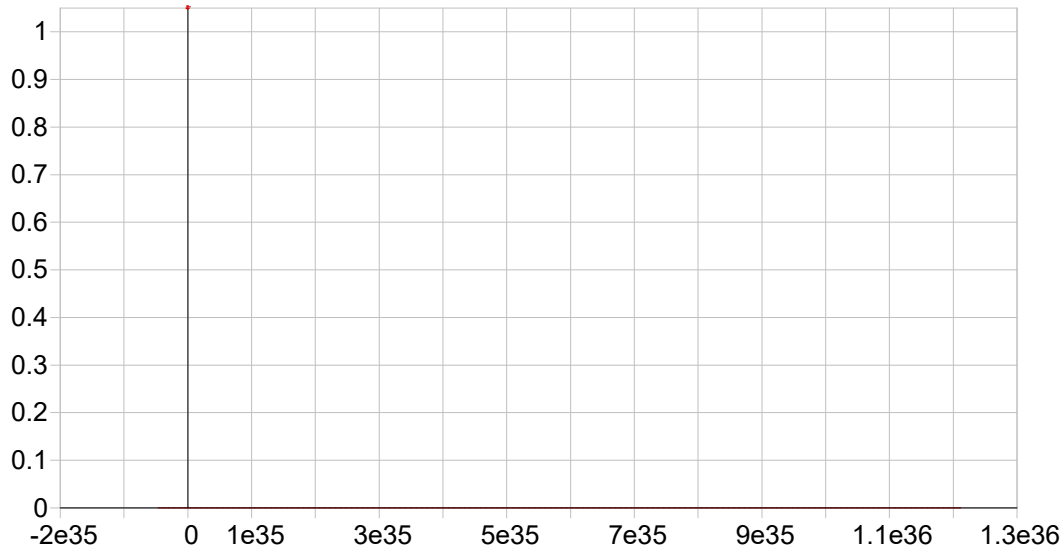
**Sr 407.771 { 83}**

Date of Fit: 5/16/2022 13:18:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | 0.000122  | Re-Slope: | 1.000000 |
| A1 (Gain):        | 12.044094 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999800  | Status:   | OK.      |
| Std Error of Est: | 0.005647  |           |          |
| Predicted MDL:    | 0.000052  |           |          |
| Predicted MQL:    | 0.000174  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00008 | .000    | 1        |
| S1        | .02000       | .02164      | .002       | 8.21    | .26197 | .002    | 1        |
| S3        | 2.5000       | 2.5959      | .096       | 3.83    | 31.295 | .173    | 1        |
| S4        | 5.0000       | 4.9965      | -.004      | -.070   | 60.238 | .305    | 1        |
| S5        | 10.000       | 9.8682      | -.132      | -1.32   | 118.97 | 1.29    | 1        |
| S2        | .80000       | .83779      | .038       | 4.72    | 10.100 | .082    | 1        |



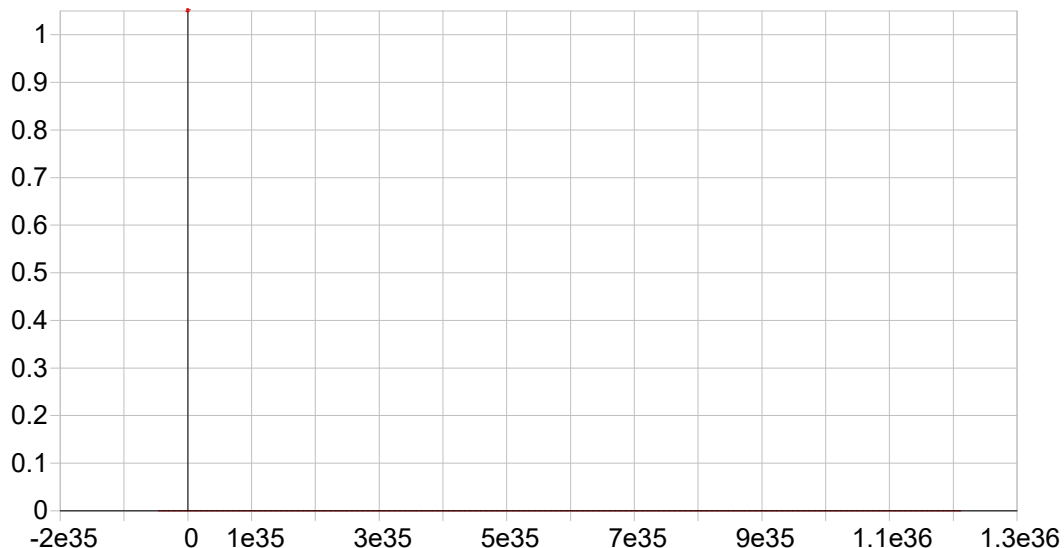


Y 224.306 {450}\*

Date of Fit: 5/16/2022 13:18:38 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|

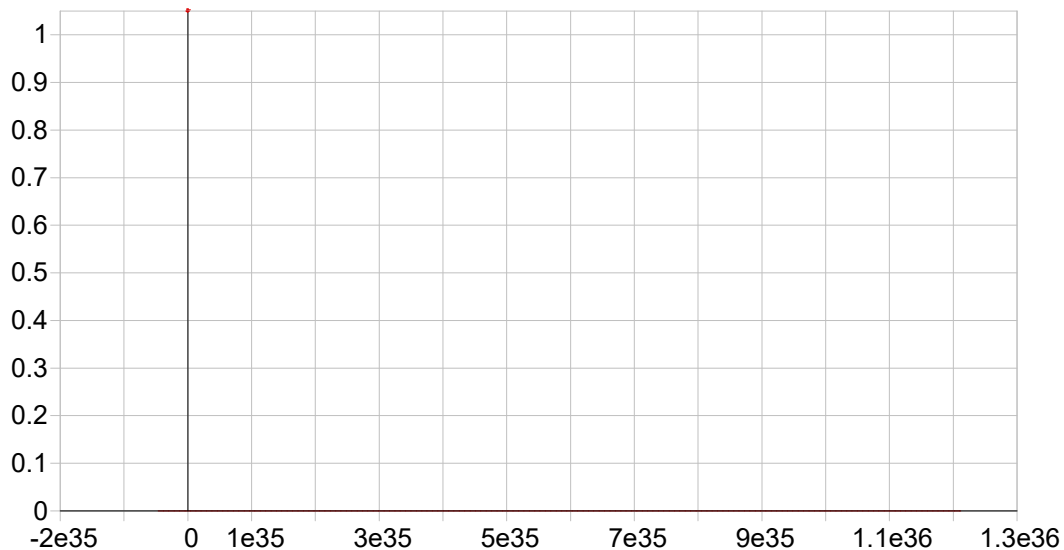


Y 360.073 { 94}\*

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 |





**Y 224.306 {150}\***

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

**In 230.606 {446}\***

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| 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 |

Sample Name: S0      Acquired: 5/16/2022 12:57:56      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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>-.00023</b> | <b>-.00021</b> | <b>-.00024</b> | <b>.00026</b> | <b>.00043</b> | <b>.00106</b> | <b>-.04850</b> | <b>-.00041</b> |
| Stddev | .00017         | .00008         | .00014         | .00011        | .00004        | .00028        | .00191         | .00023         |
| %RSD   | 76.227         | 38.242         | 59.526         | 43.709        | 9.6102        | 26.364        | 3.9370         | 57.263         |

|    |                |                |                |               |               |               |                |                |
|----|----------------|----------------|----------------|---------------|---------------|---------------|----------------|----------------|
| #1 | <b>-.00009</b> | <b>-.00019</b> | <b>-.00024</b> | <b>.00032</b> | <b>.00048</b> | <b>.00128</b> | <b>-.04825</b> | <b>-.00034</b> |
| #2 | <b>-.00018</b> | <b>-.00014</b> | <b>-.00039</b> | <b>.00013</b> | <b>.00040</b> | <b>.00075</b> | <b>-.05052</b> | <b>-.00067</b> |
| #3 | <b>-.00042</b> | <b>-.00029</b> | <b>-.00010</b> | <b>.00032</b> | <b>.00042</b> | <b>.00115</b> | <b>-.04673</b> | <b>-.00021</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>-.00049</b> | <b>.00194</b> | <b>.00000</b> | <b>-.00023</b> | <b>-.00009</b> | <b>.00004</b> | <b>.00003</b> | <b>-.00018</b> |
| Stddev | .00002         | .00015        | .00003        | .00022         | .00002         | .00001        | .00028        | .00008         |
| %RSD   | 4.2340         | 7.5888        | 2065.5        | 97.044         | 26.137         | 21.106        | 920.72        | 43.734         |

|    |                |               |                |                |                |               |                |                |
|----|----------------|---------------|----------------|----------------|----------------|---------------|----------------|----------------|
| #1 | <b>-.00048</b> | <b>.00210</b> | <b>.00000</b>  | <b>-.00028</b> | <b>-.00009</b> | <b>.00004</b> | <b>.00033</b>  | <b>-.00024</b> |
| #2 | <b>-.00051</b> | <b>.00180</b> | <b>-.00003</b> | <b>-.00041</b> | <b>-.00006</b> | <b>.00004</b> | <b>-.00002</b> | <b>-.00009</b> |
| #3 | <b>-.00047</b> | <b>.00193</b> | <b>.00003</b>  | <b>.00001</b>  | <b>-.00011</b> | <b>.00003</b> | <b>-.00022</b> | <b>-.00021</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>-.00016</b> | <b>-.00090</b> | <b>.02782</b> | <b>-.00007</b> | <b>.00742</b> | <b>.00062</b> | <b>.00182</b> | <b>.00022</b> |
| Stddev | .00008         | .00006         | .00222        | .00013         | .00010        | .00003        | .00025        | .00017        |
| %RSD   | 51.887         | 6.1621         | 7.9817        | 191.34         | 1.3730        | 4.3410        | 14.007        | 75.053        |

|    |                |                |               |                |               |               |               |               |
|----|----------------|----------------|---------------|----------------|---------------|---------------|---------------|---------------|
| #1 | <b>-.00008</b> | <b>-.00094</b> | <b>.03017</b> | <b>-.00009</b> | <b>.00754</b> | <b>.00063</b> | <b>.00168</b> | <b>.00036</b> |
| #2 | <b>-.00015</b> | <b>-.00084</b> | <b>.02755</b> | <b>.00007</b>  | <b>.00735</b> | <b>.00063</b> | <b>.00211</b> | <b>.00004</b> |
| #3 | <b>-.00025</b> | <b>-.00093</b> | <b>.02575</b> | <b>-.00019</b> | <b>.00738</b> | <b>.00058</b> | <b>.00166</b> | <b>.00027</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>.00023</b> | <b>.00114</b> | <b>.00006</b> | <b>-.00206</b> | <b>.00037</b> | <b>.01011</b> | <b>.00008</b> |  |
| Stddev | .00007        | .00028        | .00001        | .00010         | .00018        | .00039        | .00009        |  |
| %RSD   | 31.103        | 24.630        | 21.401        | 4.9126         | 47.295        | 3.8835        | 110.82        |  |

|    |               |               |               |                |               |               |               |  |
|----|---------------|---------------|---------------|----------------|---------------|---------------|---------------|--|
| #1 | <b>.00031</b> | <b>.00082</b> | <b>.00007</b> | <b>-.00202</b> | <b>.00053</b> | <b>.00996</b> | <b>.00003</b> |  |
| #2 | <b>.00022</b> | <b>.00136</b> | <b>.00005</b> | <b>-.00217</b> | <b>.00041</b> | <b>.00980</b> | <b>.00004</b> |  |
| #3 | <b>.00017</b> | <b>.00125</b> | <b>.00007</b> | <b>-.00198</b> | <b>.00018</b> | <b>.01055</b> | <b>.00019</b> |  |

Sample Name: S0      Acquired: 5/16/2022 12:57:56      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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       | 2747.9 | 78106. | 8599.3 | 2212.2 | 3688.4 |
| Stddev    | 91.2   | 155.   | 13.2   | 13.8   | 136.2  |
| %RSD      | 3.3206 | .19787 | .15397 | .62405 | 3.6914 |
| #1        | 2674.9 | 78078. | 8613.6 | 2200.6 | 3612.6 |
| #2        | 2718.6 | 77968. | 8596.8 | 2208.5 | 3606.9 |
| #3        | 2850.2 | 78273. | 8587.5 | 2227.5 | 3845.6 |

Sample Name: S1      Acquired: 5/16/2022 13:01:56      Type: Cal  
 Method: NON EPA-6010-200.7(v1514)      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    | .00116 | .00262 | .00222 | .00140 | .00864 | .01202 | .22145 | .03734 |
| Stddev | .00013 | .00012 | .00019 | .00007 | .00027 | .00049 | .00440 | .00021 |
| %RSD   | 11.280 | 4.6592 | 8.7561 | 5.2748 | 3.1049 | 4.0425 | 1.9881 | .56653 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00110 | .00260 | .00240 | .00145 | .00891 | .01149 | .21805 | .03710 |
| #2 | .00107 | .00275 | .00223 | .00132 | .00864 | .01212 | .21988 | .03743 |
| #3 | .00131 | .00251 | .00202 | .00144 | .00837 | .01244 | .22643 | .03750 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01457 | .10682 | .00126 | .02269 | .01723 | .00031 | .01286 | .02460 |
| Stddev | .00079 | .00200 | .00003 | .00131 | .00038 | .00002 | .00027 | .00053 |
| %RSD   | 5.4485 | 1.8731 | 2.4365 | 5.7705 | 2.2244 | 5.9255 | 2.0680 | 2.1453 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01434 | .10458 | .00123 | .02235 | .01743 | .00029 | .01262 | .02407 |
| #2 | .01545 | .10748 | .00126 | .02413 | .01748 | .00031 | .01281 | .02513 |
| #3 | .01390 | .10841 | .00129 | .02158 | .01679 | .00032 | .01315 | .02461 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .02571 | .00158 | .05635 | .00332 | .10384 | .01565 | .04261 | .14055 |
| Stddev | .00122 | .00003 | .00009 | .00037 | .00084 | .00006 | .00025 | .00030 |
| %RSD   | 4.7608 | 1.8267 | .16233 | 11.130 | .80961 | .37216 | .59241 | .21114 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02554 | .00155 | .05630 | .00326 | .10306 | .01569 | .04290 | .14089 |
| #2 | .02701 | .00161 | .05629 | .00298 | .10473 | .01568 | .04246 | .14039 |
| #3 | .02458 | .00158 | .05645 | .00371 | .10372 | .01559 | .04246 | .14037 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| 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    | .00774 | .01958 | .00082 | -.00064 | .00110 | .03608 | .26197 |  |
| Stddev | .00029 | .00018 | .00005 | .00007  | .00005 | .00110 | .00250 |  |
| %RSD   | 3.7695 | .90169 | 6.4161 | 10.821  | 4.7521 | 3.0485 | .95371 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00757 | .01944 | .00077 | -.00059 | .00111 | .03483 | .25909 |  |
| #2 | .00807 | .01978 | .00082 | -.00062 | .00104 | .03655 | .26336 |  |
| #3 | .00756 | .01952 | .00087 | -.00072 | .00114 | .03687 | .26347 |  |

Sample Name: S1      Acquired: 5/16/2022 13:01:56      Type: Cal  
 Method: NON EPA-6010-200.7(v1514)      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       | 2859.5 | 75893. | 8705.1 | 2187.0 | 3767.8 |
| Stddev    | 134.1  | 149.   | 26.2   | 21.8   | 226.9  |
| %RSD      | 4.6881 | .19634 | .30043 | .99749 | 6.0230 |
| #1        | 2716.9 | 75906. | 8729.5 | 2202.0 | 3669.4 |
| #2        | 2878.7 | 76036. | 8677.4 | 2161.9 | 3606.6 |
| #3        | 2982.9 | 75739. | 8708.3 | 2197.0 | 4027.3 |



Sample Name: S2      Acquired: 5/16/2022 13:05:56      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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>.05339</b> | <b>.05890</b> | <b>.14887</b> | <b>.05024</b> | <b>.13562</b> | <b>.17574</b> | <b>4.3202</b> | <b>.24114</b> |
| Stddev | .00150        | .00146        | .00371        | .00111        | .00133        | .00153        | .0373         | .00049        |
| %RSD   | 2.8124        | 2.4760        | 2.4940        | 2.2031        | .98275        | .87288        | .86350        | .20178        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05490 | .06039 | .15230 | .05125 | .13652 | .17398 | 4.2805 | .24164 |
| #2 | .05190 | .05747 | .14493 | .04906 | .13409 | .17678 | 4.3254 | .24111 |
| #3 | .05336 | .05883 | .14939 | .05043 | .13625 | .17646 | 4.3546 | .24066 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.90155</b> | <b>.21217</b> | <b>.01982</b> | <b>.30182</b> | <b>.16730</b> | <b>.00228</b> | <b>.24208</b> | <b>.04976</b> |
| Stddev | .02306        | .00336        | .00013        | .00392        | .00206        | .00003        | .00224        | .00103        |
| %RSD   | 2.5581        | 1.5859        | .66495        | 1.2990        | 1.2327        | 1.3734        | .92482        | 2.0610        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .92214 | .20831 | .01994 | .30424 | .16799 | .00227 | .23959 | .04858 |
| #2 | .87663 | .21445 | .01968 | .29730 | .16498 | .00226 | .24273 | .05027 |
| #3 | .90588 | .21376 | .01983 | .30393 | .16892 | .00231 | .24392 | .05042 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.25818</b> | <b>.04827</b> | <b>.09498</b> | <b>.03581</b> | <b>1.0147</b> | <b>.03171</b> | <b>.31684</b> | <b>.56147</b> |
| Stddev | .00311        | .00014        | .00058        | .00086        | .0018         | .00054        | .00139        | .00501        |
| %RSD   | 1.2027        | .29204        | .60843        | 2.4100        | .17210        | 1.7005        | .43783        | .89185        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26055 | .04824 | .09451 | .03482 | 1.0128 | .03146 | .31637 | .56428 |
| #2 | .25466 | .04842 | .09481 | .03616 | 1.0161 | .03134 | .31840 | .55569 |
| #3 | .25933 | .04814 | .09562 | .03643 | 1.0153 | .03233 | .31575 | .56445 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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>.13013</b> | <b>.38216</b> | <b>.00163</b> | <b>.05258</b> | <b>.03170</b> | <b>1.1041</b> | <b>10.100</b> |  |
| Stddev | .00097        | .00397        | .00002        | .00015        | .00007        | .0078         | .082          |  |
| %RSD   | .74481        | 1.0381        | 1.4487        | .28059        | .20719        | .70926        | .81195        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .13061 | .37845 | .00163 | .05274 | .03167 | 1.0968 | 10.009 |  |
| #2 | .12902 | .38170 | .00160 | .05255 | .03177 | 1.1032 | 10.124 |  |
| #3 | .13077 | .38634 | .00165 | .05245 | .03164 | 1.1123 | 10.167 |  |

Sample Name: S2      Acquired: 5/16/2022 13:05:56      Type: Cal  
 Method: NON EPA-6010-200.7(v1514)      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       | 2752.7 | 74650. | 8589.8 | 2091.9 | 3703.7 |
| Stddev    | 74.9   | 252.   | 47.1   | 3.2    | 103.8  |
| %RSD      | 2.7208 | .33815 | .54888 | .15283 | 2.8035 |
| #1        | 2680.1 | 74359. | 8564.8 | 2088.7 | 3604.4 |
| #2        | 2829.7 | 74782. | 8560.4 | 2095.1 | 3811.6 |
| #3        | 2748.4 | 74809. | 8644.2 | 2091.9 | 3695.1 |

Sample Name: S3      Acquired: 5/16/2022 13:09:43      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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>.17091</b> | <b>.19007</b> | <b>.47912</b> | <b>.15710</b> | <b>.42296</b> | <b>.55603</b> | <b>13.782</b> | <b>.75886</b> |
| Stddev | .00094        | .00304        | .00614        | .00062        | .00216        | .00562        | .085          | .00361        |
| %RSD   | .55158        | 1.5993        | 1.2814        | .39201        | .51154        | 1.0109        | .61949        | .47590        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.17198</b> | <b>.18946</b> | <b>.47739</b> | <b>.15771</b> | <b>.42541</b> | <b>.54956</b> | <b>13.683</b> | <b>.75640</b> |
| #2 | <b>.17059</b> | <b>.19337</b> | <b>.48594</b> | <b>.15648</b> | <b>.42219</b> | <b>.55886</b> | <b>13.833</b> | <b>.76300</b> |
| #3 | <b>.17017</b> | <b>.18738</b> | <b>.47404</b> | <b>.15710</b> | <b>.42129</b> | <b>.55968</b> | <b>13.830</b> | <b>.75717</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>2.9179</b> | <b>.66421</b> | <b>.06125</b> | <b>.94669</b> | <b>.51836</b> | <b>.00700</b> | <b>.75816</b> | <b>.15690</b> |
| Stddev | .0408         | .00913        | .00006        | .01380        | .00319        | .00015        | .01031        | .00254        |
| %RSD   | 1.3986        | 1.3749        | .10056        | 1.4577        | .61572        | 2.1807        | 1.3594        | 1.6209        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>2.9066</b> | <b>.65404</b> | <b>.06118</b> | <b>.94314</b> | <b>.52204</b> | <b>.00683</b> | <b>.74659</b> | <b>.15397</b> |
| #2 | <b>2.9632</b> | <b>.66686</b> | <b>.06130</b> | <b>.96192</b> | <b>.51674</b> | <b>.00709</b> | <b>.76153</b> | <b>.15821</b> |
| #3 | <b>2.8839</b> | <b>.67172</b> | <b>.06127</b> | <b>.93502</b> | <b>.51631</b> | <b>.00709</b> | <b>.76636</b> | <b>.15852</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>.81770</b> | <b>.15226</b> | <b>.26930</b> | <b>.11269</b> | <b>3.1566</b> | <b>.10218</b> | <b>.99576</b> | <b>1.7266</b> |
| Stddev | .00319        | .00050        | .00132        | .00149        | .0120         | .00095        | .00304        | .0080         |
| %RSD   | .38990        | .32776        | .49024        | 1.3212        | .37946        | .93204        | .30553        | .46305        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.81930</b> | <b>.15176</b> | <b>.26778</b> | <b>.11098</b> | <b>3.1458</b> | <b>.10108</b> | <b>.99546</b> | <b>1.7358</b> |
| #2 | <b>.81977</b> | <b>.15227</b> | <b>.26997</b> | <b>.11362</b> | <b>3.1546</b> | <b>.10264</b> | <b>.99894</b> | <b>1.7228</b> |
| #3 | <b>.81403</b> | <b>.15276</b> | <b>.27015</b> | <b>.11349</b> | <b>3.1695</b> | <b>.10281</b> | <b>.99287</b> | <b>1.7212</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>.41351</b> | <b>1.1972</b> | <b>.00494</b> | <b>.17230</b> | <b>.10179</b> | <b>3.4869</b> | <b>31.295</b> |  |
| Stddev | .00691        | .0180         | .00013        | .00280        | .00167        | .0162         | .173          |  |
| %RSD   | 1.6721        | 1.5000        | 2.5353        | 1.6250        | 1.6371        | .46522        | .55226        |  |

|    |               |               |               |               |               |               |               |  |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| #1 | <b>.41299</b> | <b>1.1936</b> | <b>.00479</b> | <b>.17143</b> | <b>.10117</b> | <b>3.4684</b> | <b>31.164</b> |  |
| #2 | <b>.42066</b> | <b>1.1812</b> | <b>.00499</b> | <b>.17543</b> | <b>.10368</b> | <b>3.4986</b> | <b>31.230</b> |  |
| #3 | <b>.40686</b> | <b>1.2166</b> | <b>.00502</b> | <b>.17003</b> | <b>.10053</b> | <b>3.4937</b> | <b>31.491</b> |  |

Sample Name: S3      Acquired: 5/16/2022 13:09:43      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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       | 2663.2 | 73985. | 8553.7 | 2063.1 | 3496.7 |
| Stddev    | 18.0   | 188.   | 26.4   | 3.7    | 55.1   |
| %RSD      | .67702 | .25422 | .30837 | .18009 | 1.5761 |
| #1        | 2642.5 | 73817. | 8535.3 | 2060.3 | 3498.2 |
| #2        | 2671.5 | 73952. | 8542.0 | 2061.7 | 3440.9 |
| #3        | 2675.6 | 74188. | 8584.0 | 2067.3 | 3551.1 |

Sample Name: S4      Acquired: 5/16/2022 13:13:33      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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>.33657</b> | <b>.36869</b> | <b>.93573</b> | <b>.30436</b> | <b>.82082</b> | <b>1.0711</b> | <b>25.892</b> | <b>1.4350</b> |
| Stddev | .00118        | .00227        | .00395        | .00098        | .00397        | .0050         | .395          | .0057         |
| %RSD   | .35118        | .61689        | .42218        | .32193        | .48368        | .46859        | 1.5237        | .39892        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33674 | .36730 | .93451 | .30388 | .81976 | 1.0661 | 25.461 | 1.4311 |
| #2 | .33531 | .36744 | .93254 | .30372 | .81748 | 1.0712 | 26.236 | 1.4322 |
| #3 | .33766 | .37131 | .94015 | .30549 | .82521 | 1.0761 | 25.978 | 1.4415 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>5.7507</b> | <b>1.2645</b> | <b>.11663</b> | <b>1.8638</b> | <b>.99926</b> | <b>.01350</b> | <b>1.4558</b> | <b>.30175</b> |
| Stddev | .0381         | .0121         | .00042        | .0118         | .00368        | .00018        | .0097         | .00306        |
| %RSD   | .66282        | .95613        | .36009        | .63415        | .36872        | 1.3262        | .66566        | 1.0144        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.7314 | 1.2510 | .11615 | 1.8550 | .99798 | .01329 | 1.4453 | .29857 |
| #2 | 5.7262 | 1.2683 | .11681 | 1.8592 | .99639 | .01360 | 1.4578 | .30200 |
| #3 | 5.7947 | 1.2743 | .11694 | 1.8772 | 1.0034 | .01360 | 1.4643 | .30468 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>1.5873</b> | <b>.29203</b> | <b>.51528</b> | <b>.21468</b> | <b>5.9413</b> | <b>.19700</b> | <b>1.8939</b> | <b>3.3830</b> |
| Stddev | .0095         | .00110        | .00150        | .00234        | .0077         | .00032        | .0042         | .0111         |
| %RSD   | .60106        | .37786        | .29080        | 1.0884        | .12893        | .16480        | .22236        | .32940        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5820 | .29083 | .51372 | .21227 | 5.9337 | .19676 | 1.8945 | 3.3760 |
| #2 | 1.5816 | .29225 | .51540 | .21482 | 5.9490 | .19737 | 1.8894 | 3.3771 |
| #3 | 1.5983 | .29300 | .51671 | .21694 | 5.9410 | .19687 | 1.8978 | 3.3958 |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>.80371</b> | <b>2.2596</b> | <b>.00965</b> | <b>.34050</b> | <b>.19874</b> | <b>6.7008</b> | <b>60.238</b> |
| Stddev | .00465        | .0115         | .00024        | .00294        | .00184        | .0187         | .305          |
| %RSD   | .57889        | .50949        | 2.4835        | .86294        | .92474        | .27874        | .50666        |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80082 | 2.2464 | .00938 | .33915 | .19755 | 6.6871 | 60.092 |
| #2 | .80123 | 2.2668 | .00971 | .33849 | .19780 | 6.6932 | 60.589 |
| #3 | .80908 | 2.2657 | .00984 | .34387 | .20085 | 6.7221 | 60.034 |

Sample Name: S4      Acquired: 5/16/2022 13:13:33      Type: Cal  
 Method: NON EPA-6010-200.7(v1514)      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       | 2555.7 | 72658. | 8575.1 | 2027.7 | 3325.0 |
| Stddev    | 12.8   | 62.    | 7.3    | 13.1   | 26.6   |
| %RSD      | .49901 | .08558 | .08471 | .64451 | .80148 |
| #1        | 2558.1 | 72649. | 8574.8 | 2016.3 | 3336.2 |
| #2        | 2567.1 | 72600. | 8582.5 | 2024.8 | 3344.2 |
| #3        | 2541.9 | 72724. | 8568.0 | 2041.9 | 3294.6 |

Sample Name: S5      Acquired: 5/16/2022 13:17:30      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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>.68545</b> | <b>.73812</b> | <b>1.8997</b> | <b>.60953</b> | <b>1.6623</b> | <b>2.1651</b> | <b>52.520</b> | <b>2.8114</b> |
| Stddev | .00360        | .00274        | .0061         | .00475        | .0081         | .0164         | .945          | .0061         |
| %RSD   | .52514        | .37155        | .32347        | .77974        | .48745        | .75807        | 1.8001        | .21732        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .68307 | .73540 | 1.8934 | .60507 | 1.6563 | 2.1468 | 51.455 | 2.8063 |
| #2 | .68370 | .73807 | 1.9002 | .60898 | 1.6592 | 2.1786 | 52.848 | 2.8182 |
| #3 | .68959 | .74089 | 1.9056 | .61453 | 1.6715 | 2.1700 | 53.259 | 2.8096 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>11.715</b> | <b>2.5167</b> | <b>.22924</b> | <b>3.8057</b> | <b>1.9933</b> | <b>.02640</b> | <b>2.8195</b> | <b>.59613</b> |
| Stddev | .064          | .0184         | .00059        | .0226         | .0075         | .00025        | .0253         | .00545        |
| %RSD   | .54571        | .73010        | .25618        | .59469        | .37474        | .93708        | .89685        | .91488        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.665 | 2.4972 | .22906 | 3.7873 | 1.9904 | .02612 | 2.7906 | .59042 |
| #2 | 11.693 | 2.5337 | .22990 | 3.7989 | 1.9878 | .02647 | 2.8376 | .60128 |
| #3 | 11.787 | 2.5192 | .22877 | 3.8310 | 2.0018 | .02660 | 2.8303 | .59670 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 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>3.2226</b> | <b>.58337</b> | <b>1.0437</b> | <b>.42053</b> | <b>11.719</b> | <b>.40040</b> | <b>3.7642</b> | <b>6.7684</b> |
| Stddev | .0127         | .00101        | .0013         | .00329        | .110          | .00200        | .0040         | .0346         |
| %RSD   | .39327        | .17230        | .12625        | .78265        | .93608        | .49889        | .10544        | .51123        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.2143 | .58221 | 1.0422 | .41683 | 11.748 | .39810 | 3.7673 | 6.7507 |
| #2 | 3.2164 | .58395 | 1.0444 | .42315 | 11.812 | .40134 | 3.7656 | 6.7463 |
| #3 | 3.2372 | .58395 | 1.0445 | .42160 | 11.598 | .40175 | 3.7598 | 6.8083 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| 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>1.6343</b> | <b>4.5312</b> | <b>.01897</b> | <b>.70775</b> | <b>.41402</b> | <b>13.759</b> | <b>118.97</b> |  |
| Stddev | .0068         | .0409         | .00027        | .00316        | .00305        | .057          | 1.29          |  |
| %RSD   | .41448        | .90172        | 1.4127        | .44605        | .73764        | .41196        | 1.0831        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.6274 | 4.4844 | .01867 | .70498 | .41109 | 13.732 | 117.50 |  |
| #2 | 1.6344 | 4.5599 | .01905 | .70708 | .41378 | 13.824 | 119.88 |  |
| #3 | 1.6410 | 4.5492 | .01919 | .71119 | .41718 | 13.720 | 119.54 |  |

Sample Name: S5      Acquired: 5/16/2022 13:17:30      Type: Cal  
Method: NON EPA-6010-200.7(v1514)      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       | 2472.7 | 71934. | 8466.2 | 1978.2 | 3144.1 |
| Stddev    | 12.0   | 57.    | 30.7   | 16.0   | 17.1   |
| %RSD      | .48443 | .07904 | .36220 | .81107 | .54382 |
| #1        | 2478.8 | 71899. | 8460.1 | 1972.2 | 3158.9 |
| #2        | 2480.4 | 71903. | 8439.1 | 1965.9 | 3148.2 |
| #3        | 2458.9 | 72000. | 8499.5 | 1996.3 | 3125.4 |



Sample Name: ICV01      Acquired: 5/16/2022 13:21:24      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | 1.000738 | 1.043865 | 1.016587 | F 1.053739 | 1.028254 | 2.550987 |
| Stddev | .029287  | .022362  | .022395  | .016926    | .015781  | .034330  |
| %RSD   | 2.926526 | 2.142242 | 2.202991 | 1.606303   | 1.534782 | 1.345737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.010780 | 1.026349 | .999634  | 1.062301 | 1.039752 | 2.514880 |
| #2 | 1.023683 | 1.036192 | 1.008151 | 1.064673 | 1.034748 | 2.554872 |
| #3 | .967751  | 1.069053 | 1.041975 | 1.034242 | 1.010262 | 2.583209 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5122239 | .5314599 | .5055597 | 10.07611 | .5222495 | .5166305 |
| Stddev | .0060709 | .0017185 | .0086491 | .12318   | .0008877 | .0125206 |
| %RSD   | 1.185209 | .3233507 | 1.710790 | 1.222496 | .1699804 | 2.423513 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5060843 | .5304305 | .4969768 | 9.94474  | .5214079 | .5090173 |
| #2 | .5123635 | .5334438 | .5054289 | 10.09459 | .5221635 | .5097932 |
| #3 | .5182238 | .5305055 | .5142735 | 10.18901 | .5231771 | .5310811 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5228517 | 9.806120 | .5223323 | 6.052089 | .5212300 | .2498559 |
| Stddev | .0085959 | .160036  | .0087542 | .060498  | .0132908 | .0005353 |
| %RSD   | 1.644035 | 1.632003 | 1.675984 | .9996170 | 2.549895 | .2142409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5288802 | 9.645854 | .5125118 | 5.998950 | .5140822 | .2499920 |
| #2 | .5266661 | 9.806582 | .5251680 | 6.039390 | .5130427 | .2492657 |
| #3 | .5130087 | 9.965926 | .5293172 | 6.117929 | .5365652 | .2503101 |

|        |            |          |          |          |            |          |
|--------|------------|----------|----------|----------|------------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | F 8.918475 | .5190382 | 1.022745 | 9.992595 | F 2.671156 | 2.551355 |
| Stddev | .110367    | .0083181 | .001117  | .183225  | .006954    | .062730  |
| %RSD   | 1.237507   | 1.602603 | .1092626 | 1.833605 | .2603439   | 2.458695 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.819220 | .5102754 | 1.021849 | 9.786107 | 2.663757 | 2.567581 |
| #2 | 8.898877 | .5200136 | 1.023997 | 10.05592 | 2.672155 | 2.604379 |
| #3 | 9.037328 | .5268257 | 1.022389 | 10.13575 | 2.677557 | 2.482107 |

Sample Name: ICV01      Acquired: 5/16/2022 13:21:24      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | 2.603933 | F 2.736728 | 2.394191 | F .0011783 | 2.607594 | F -.001542 |
| Stddev | .068864  | .057787    | .057268  | .0022827   | .097694  | .000957    |
| %RSD   | 2.644623 | 2.111528   | 2.391970 | 193.7347   | 3.746515 | 62.05272   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.561200 | 2.670130 | 2.329348 | .0013191 | 2.547180 | -.002638 |
| #2 | 2.567224 | 2.766451 | 2.437844 | .0033873 | 2.555297 | -.001118 |
| #3 | 2.683374 | 2.773604 | 2.415382 | -.001172 | 2.720303 | -.000871 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.006795 |
| Stddev | .000207    |
| %RSD   | 3.043683   |

|    |          |
|----|----------|
| #1 | -.006593 |
| #2 | -.006785 |
| #3 | -.007006 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2711.631 | 74671.82 | 8585.325 | 2083.721 | 3553.749 |
| Stddev    | 71.517   | 31.97    | 15.813   | 8.050    | 57.666   |
| %RSD      | 2.637412 | .0428096 | .1841885 | .3863309 | 1.622682 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2688.344 | 74638.66 | 8584.928 | 2074.513 | 3609.808 |
| #2 | 2654.661 | 74702.44 | 8569.713 | 2089.425 | 3556.840 |
| #3 | 2791.889 | 74674.37 | 8601.332 | 2087.225 | 3494.600 |

Sample Name: LLICV01      Acquired: 5/16/2022 13:32:42      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0199075 | .0392435 | .0121043 | .0190026 | .0507194 | .0985365 | .0978429 |
| Stddev | .0017939 | .0008148 | .0019014 | .0004575 | .0012195 | .0049299 | .0012059 |
| %RSD   | 9.011413 | 2.076249 | 15.70883 | 2.407523 | 2.404455 | 5.003161 | 1.232435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0178365 | .0383372 | .0130720 | .0193832 | .0519325 | .1030493 | .0964790 |
| #2 | .0209020 | .0394777 | .0099136 | .0191295 | .0507322 | .0992851 | .0982822 |
| #3 | .0209838 | .0399155 | .0133272 | .0184950 | .0494935 | .0932750 | .0987675 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066497 | .0065690 | 2.029014 | .0107386 | .0305595 | .0222370 | .1048938 |
| Stddev | .0000272 | .0001709 | .034625  | .0002611 | .0006475 | .0003902 | .0020324 |
| %RSD   | .4091218 | 2.601709 | 1.706484 | 2.431304 | 2.118645 | 1.754764 | 1.937594 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066210 | .0067163 | 1.991228 | .0108431 | .0306977 | .0221575 | .1059446 |
| #2 | .0066751 | .0063816 | 2.036590 | .0109313 | .0298541 | .0218926 | .1025511 |
| #3 | .0066529 | .0066089 | 2.059223 | .0104415 | .0311266 | .0226608 | .1061857 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0219516 | 2.053357 | .0398555 | .0103614 | 1.863881 | .0414338 | .0392208 |
| Stddev | .0002792 | .050663  | .0007443 | .0003106 | .032928  | .0029901 | .0002301 |
| %RSD   | 1.272134 | 2.467303 | 1.867568 | 2.997938 | 1.766619 | 7.216643 | .5866128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0216314 | 1.998617 | .0405713 | .0102962 | 1.829836 | .0448130 | .0389947 |
| #2 | .0221446 | 2.062856 | .0390856 | .0106995 | 1.866242 | .0391305 | .0392130 |
| #3 | .0220788 | 2.098598 | .0399097 | .0100886 | 1.895564 | .0403578 | .0394546 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.863559 | .1181002 | .2082888 | .0459760 | .0419048 | .3957696 | .0208472 |
| Stddev | .032827  | .0026358 | .0007487 | .0007095 | .0007878 | .0084648 | .0006121 |
| %RSD   | 1.761515 | 2.231789 | .3594670 | 1.543149 | 1.879868 | 2.138833 | 2.936327 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.837991 | .1158663 | .2081776 | .0457687 | .0410033 | .3968137 | .0207115 |
| #2 | 1.852109 | .1174272 | .2076020 | .0453933 | .0422504 | .4036639 | .0203142 |
| #3 | 1.900577 | .1210073 | .2090870 | .0467661 | .0424606 | .3868311 | .0215158 |

Sample Name: LLICV01      Acquired: 5/16/2022 13:32:42      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | .0170702 | .0171887 | .0218291 |
| Stddev | .0025577 | .0011565 | .0003781 |
| %RSD   | 14.98338 | 6.728172 | 1.732202 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0141170 | .0158540 | .0214637 |
| #2 | .0185178 | .0178183 | .0218048 |
| #3 | .0185757 | .0178937 | .0222187 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2671.269 | 74663.65 | 8567.130 | 2189.047 | 3560.026 |
| Stddev    | 18.113   | 112.77   | 7.139    | 44.773   | 45.227   |
| %RSD      | .6780793 | .1510396 | .0833284 | 2.045338 | 1.270408 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2679.247 | 74591.74 | 8559.409 | 2154.457 | 3526.966 |
| #2 | 2650.537 | 74793.62 | 8568.488 | 2173.065 | 3611.567 |
| #3 | 2684.025 | 74605.59 | 8573.492 | 2239.618 | 3541.546 |

Sample Name: ICB01      Acquired: 5/16/2022 13:36:48      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0018142 | -.000795 | .0002872 | -.001206 | .0004033 | .0003688 | -.003874 |
| Stddev | .0003592 | .000819  | .0009962 | .002163  | .0012257 | .0015878 | .001174  |
| %RSD   | 19.79708 | 103.0178 | 346.8203 | 179.4042 | 303.9136 | 430.5893 | 30.30607 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017678 | -.001739 | .0012133 | -.003579 | .0011104 | .0003031 | -.004659 |
| #2 | .0014806 | -.000283 | -.000767 | .000656  | -.001012 | .0019884 | -.004439 |
| #3 | .0021944 | -.000362 | .000415  | -.000695 | .001112  | -.001185 | -.002524 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000023 | -.000035 | -.002664 | .0000272 | .0002260 | -.000085 | -.001931 |
| Stddev | .000002  | .000108  | .005370  | .0001485 | .0001236 | .000130  | .007249  |
| %RSD   | 9.565154 | 306.1085 | 201.5370 | 545.4639 | 54.70347 | 153.9612 | 375.3981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000022 | .000088  | -.004716 | .0000029 | .0001379 | -.000234 | .000208  |
| #2 | -.000025 | -.000109 | .003429  | -.000108 | .0001728 | -.000022 | -.010009 |
| #3 | -.000021 | -.000085 | -.006706 | .000186  | .0003673 | .000003  | .004008  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000206 | .0125720 | -.000224 | .0003657 | -1.01257 | .0012311 | -.002715 |
| Stddev | .000136  | .0036248 | .000567  | .0001901 | .00488   | .0011375 | .000155  |
| %RSD   | 66.25048 | 28.83218 | 253.7246 | 51.98248 | .4821621 | 92.39594 | 5.719684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000129 | .0085369 | .000397  | .0005587 | -1.01373 | -.000004 | -.002700 |
| #2 | -.000363 | .0136264 | -.000353 | .0001787 | -1.00722 | .001462  | -.002568 |
| #3 | -.000125 | .0155526 | -.000715 | .0003597 | -1.01677 | .002236  | -.002877 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.148421 | .0048109 | .0000283 | -.000121 | -.000949 | -.002996 | -.000656 |
| Stddev | .013131  | .0003889 | .0001121 | .000366  | .000504  | .013771  | .001826  |
| %RSD   | 8.847367 | 8.084079 | 396.0057 | 302.6121 | 53.10927 | 459.7303 | 278.5116 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.133283 | .0052410 | -.000098 | -.000167 | -.000466 | .001551  | .001452  |
| #2 | -.155251 | .0044840 | .000065  | .000266  | -.000910 | .007928  | -.001648 |
| #3 | -.156731 | .0047077 | .000118  | -.000461 | -.001472 | -.018465 | -.001771 |

Sample Name: ICB01      Acquired: 5/16/2022 13:36:48      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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>-.003017</b> | <b>-.002803</b> | <b>-.000052</b> |
| Stddev | .000883         | .000491         | .000042         |
| %RSD   | 29.26139        | 17.50378        | 79.88625        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003694</b> | <b>-.002296</b> | <b>-.000097</b> |
| #2 | <b>-.002018</b> | <b>-.002837</b> | <b>-.000015</b> |
| #3 | <b>-.003337</b> | <b>-.003276</b> | <b>-.000044</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>2739.668</b> | <b>75006.02</b> | <b>8532.855</b> | <b>2177.327</b> | <b>3628.093</b> |
| Stddev    | 76.941          | 228.86          | 33.544          | 60.111          | 41.571          |
| %RSD      | 2.808396        | .3051192        | .3931106        | 2.760760        | 1.145803        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2670.757</b> | <b>74742.43</b> | <b>8496.342</b> | <b>2129.001</b> | <b>3675.454</b> |
| #2 | <b>2725.561</b> | <b>75154.18</b> | <b>8539.922</b> | <b>2158.341</b> | <b>3611.178</b> |
| #3 | <b>2822.686</b> | <b>75121.44</b> | <b>8562.303</b> | <b>2244.638</b> | <b>3597.646</b> |

Sample Name: CRI01      Acquired: 5/16/2022 13:40:50      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0225797</b> | <b>.0406222</b> | <b>.0137516</b> | <b>.0201132</b> | <b>.0515825</b> | <b>.0957862</b> | <b>.0994766</b> |
| Stddev | .0001580        | .0009133        | .0012065        | .0013378        | .0001846        | .0053577        | .0014527        |
| %RSD   | .6997106        | 2.248253        | 8.773612        | 6.651190        | .3579795        | 5.593338        | 1.460346        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0227014</b> | <b>.0415991</b> | <b>.0131231</b> | <b>.0204691</b> | <b>.0513810</b> | <b>.0896427</b> | <b>.0979712</b> |
| #2 | <b>.0224011</b> | <b>.0397898</b> | <b>.0151426</b> | <b>.0186335</b> | <b>.0516227</b> | <b>.0982272</b> | <b>.1008701</b> |
| #3 | <b>.0226364</b> | <b>.0404776</b> | <b>.0129890</b> | <b>.0212371</b> | <b>.0517437</b> | <b>.0994887</b> | <b>.0995886</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066349</b> | <b>.0067138</b> | <b>2.065534</b> | <b>.0102516</b> | <b>.0309037</b> | <b>.0222663</b> | <b>.1105145</b> |
| Stddev | .0000467        | .0000805        | .021391         | .0001275        | .0003234        | .0002890        | .0024543        |
| %RSD   | .7041325        | 1.199080        | 1.035596        | 1.243808        | 1.046625        | 1.297837        | 2.220782        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0065814</b> | <b>.0066314</b> | <b>2.040880</b> | <b>.0101787</b> | <b>.0306073</b> | <b>.0223264</b> | <b>.1077246</b> |
| #2 | <b>.0066564</b> | <b>.0067922</b> | <b>2.076565</b> | <b>.0101773</b> | <b>.0312487</b> | <b>.0219519</b> | <b>.1123408</b> |
| #3 | <b>.0066671</b> | <b>.0067179</b> | <b>2.079158</b> | <b>.0103988</b> | <b>.0308550</b> | <b>.0225204</b> | <b>.1114781</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0228701</b> | <b>2.074988</b> | <b>.0414527</b> | <b>.0106021</b> | <b>1.850506</b> | <b>.0419893</b> | <b>.0407184</b> |
| Stddev | .0003041        | .080285         | .0000158        | .0001433        | .010257         | .0015724        | .0003765        |
| %RSD   | 1.329662        | 3.869161        | .0381659        | 1.351828        | .5542950        | 3.744711        | .9246847        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0226059</b> | <b>2.004933</b> | <b>.0414392</b> | <b>.0105016</b> | <b>1.848949</b> | <b>.0407083</b> | <b>.0411313</b> |
| #2 | <b>.0228019</b> | <b>2.057434</b> | <b>.0414701</b> | <b>.0105384</b> | <b>1.841115</b> | <b>.0415154</b> | <b>.0403941</b> |
| #3 | <b>.0232025</b> | <b>2.162597</b> | <b>.0414488</b> | <b>.0107662</b> | <b>1.861452</b> | <b>.0437441</b> | <b>.0406298</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.909887</b> | <b>.1160047</b> | <b>.2086198</b> | <b>.0462456</b> | <b>.0421399</b> | <b>.4160150</b> | <b>.0215451</b> |
| Stddev | .023493         | .0019479        | .0002046        | .0011901        | .0009919        | .0007482        | .0004399        |
| %RSD   | 1.230095        | 1.679194        | .0980701        | 2.573435        | 2.353921        | .1798369        | 2.041577        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.905214</b> | <b>.1137676</b> | <b>.2088535</b> | <b>.0449363</b> | <b>.0414259</b> | <b>.4155065</b> | <b>.0219459</b> |
| #2 | <b>1.889080</b> | <b>.1169205</b> | <b>.2085328</b> | <b>.0472617</b> | <b>.0417213</b> | <b>.4168741</b> | <b>.0210745</b> |
| #3 | <b>1.935365</b> | <b>.1173259</b> | <b>.2084730</b> | <b>.0465386</b> | <b>.0432725</b> | <b>.4156646</b> | <b>.0216149</b> |

Sample Name: CRI01      Acquired: 5/16/2022 13:40:50      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0162376</b> | <b>.0183005</b> | <b>.0222120</b> |
| Stddev | .0041237        | .0000828        | .0003254        |
| %RSD   | 25.39631        | .4525787        | 1.464951        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0119297</b> | <b>.0183741</b> | <b>.0219149</b> |
| #2 | <b>.0201484</b> | <b>.0183166</b> | <b>.0221613</b> |
| #3 | <b>.0166346</b> | <b>.0182108</b> | <b>.0225598</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>2675.661</b> | <b>74408.93</b> | <b>8663.733</b> | <b>2196.674</b> | <b>3537.866</b> |
| Stddev    | 21.428          | 213.90          | 38.105          | 33.921          | 3.929           |
| %RSD      | .8008407        | .2874610        | .4398190        | 1.544193        | .1110434        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2651.449 | 74352.96 | 8706.632 | 2157.730 | 3533.343 |
| #2 | 2692.183 | 74228.58 | 8650.751 | 2212.514 | 3539.829 |
| #3 | 2683.350 | 74645.25 | 8633.816 | 2219.776 | 3540.427 |



Sample Name: ICSA01      Acquired: 5/16/2022 13:44:50      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0016931 | .0164495 | .0059980 | .0059276 | .0012745 | 255.0031 | .0023117 |
| Stddev | .0029158 | .0004752 | .0003731 | .0021480 | .0017796 | 2.9561   | .0005844 |
| %RSD   | 172.2144 | 2.889118 | 6.219743 | 36.23684 | 139.6380 | 1.159244 | 25.28021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005116 | .0165181 | .0057181 | .0042757 | .0029436 | 251.6103 | .0017972 |
| #2 | .0050142 | .0168867 | .0064215 | .0051514 | -.000598 | 256.3746 | .0021908 |
| #3 | -.000446 | .0159437 | .0058544 | .0083558 | .001478  | 257.0243 | .0029471 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000603 | -.001297 | 239.6831 | .0563450 | -.002008 | -.004036 | 98.16885 |
| Stddev | .000006  | .000655  | 3.4921   | .0004259 | .000566  | .000788  | 1.74030  |
| %RSD   | .9957096 | 50.52124 | 1.456979 | .7558540 | 28.20445 | 19.52284 | 1.772763 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000596 | -.000828 | 236.0116 | .0558686 | -.002088 | -.003382 | 96.75076 |
| #2 | -.000606 | -.001017 | 240.0747 | .0566888 | -.001406 | -.003816 | 97.64486 |
| #3 | -.000608 | -.002046 | 242.9629 | .0564775 | -.002531 | -.004911 | 100.1110 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143903 | 254.8519 | -.000134 | -.000692 | -.962012 | .0038175 | .0014466 |
| Stddev | .0004193 | 3.8639   | .000317  | .000458  | .007797  | .0012489 | .0006506 |
| %RSD   | 2.913878 | 1.516152 | 235.6593 | 66.25817 | .8104423 | 32.71615 | 44.97133 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0139205 | 250.6574 | .000149  | -.001102 | -.970678 | .0052370 | .0021939 |
| #2 | .0145238 | 255.6322 | -.000076 | -.000776 | -.959795 | .0028873 | .0011394 |
| #3 | .0147267 | 258.2662 | -.000477 | -.000197 | -.955565 | .0033282 | .0010066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.160727 | -.015399 | -.000230 | .0037526 | -.000714 | .0680094 | .0103358 |
| Stddev | .022082  | .009411  | .000181  | .0008938 | .001013  | .0132663 | .0009758 |
| %RSD   | 13.73890 | 61.11616 | 78.78938 | 23.81813 | 141.8908 | 19.50649 | 9.440631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.137357 | -.021645 | -.000046 | .0045886 | .000223  | .0707408 | .0099204 |
| #2 | -.163581 | -.019978 | -.000236 | .0028105 | -.001790 | .0535900 | .0096365 |
| #3 | -.181244 | -.004575 | -.000407 | .0038587 | -.000576 | .0796974 | .0114505 |

Sample Name: ICSA01      Acquired: 5/16/2022 13:44:50      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.005710</b> | <b>.0043601</b> | <b>.0046075</b> |
| Stddev | .001826         | .0006952        | .0008335        |
| %RSD   | 31.97395        | 15.94351        | 18.09111        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.003670</b> | <b>.0051605</b> | <b>.0048831</b> |
| #2 | <b>-.006272</b> | <b>.0039064</b> | <b>.0052683</b> |
| #3 | <b>-.007190</b> | <b>.0040136</b> | <b>.0036710</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>2542.371</b> | <b>67880.62</b> | <b>8460.726</b> | <b>1989.262</b> | <b>3154.146</b> |
| Stddev    | 136.588         | 222.25          | 6.175           | 16.605          | 177.716         |
| %RSD      | 5.372461        | .3274117        | .0729867        | .8347221        | 5.634364        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2456.319 | 67891.86 | 8460.806 | 1970.334 | 3043.407 |
| #2 | 2470.930 | 68097.03 | 8454.511 | 1996.080 | 3059.898 |
| #3 | 2699.863 | 67652.96 | 8466.860 | 2001.373 | 3359.134 |

Sample Name: ICSAB01      Acquired: 5/16/2022 13:58:42      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>.0945970</b> | <b>.0926582</b> | <b>.0541183</b> | <b>.0517895</b> | <b>.6058884</b> | <b>248.4599</b> |
| Stddev | .0008841        | .0029115        | .0015094        | .0027567        | .0050864        | 1.8675          |
| %RSD   | .9346381        | 3.142225        | 2.789142        | 5.322936        | .8395013        | .7516334        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0952498 | .0919300 | .0526297 | .0541399 | .6117574 | 246.4539 |
| #2 | .0949504 | .0901798 | .0556478 | .0524734 | .6027596 | 250.1481 |
| #3 | .0935908 | .0958647 | .0540775 | .0487552 | .6031481 | 248.7776 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4842775</b> | <b>.4849634</b> | <b>.9507082</b> | <b>233.6372</b> | <b>.5286634</b> | <b>.4889925</b> |
| Stddev | .0044667        | .0012951        | .0151161        | 2.4967          | .0024436        | .0011131        |
| %RSD   | .9223521        | .2670448        | 1.589985        | 1.068605        | .4622171        | .2276345        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4791987 | .4846243 | .9626848 | 230.8488 | .5274668 | .4895735 |
| #2 | .4860386 | .4863942 | .9557161 | 234.3977 | .5314746 | .4877091 |
| #3 | .4875953 | .4838716 | .9337236 | 235.6653 | .5270487 | .4896950 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4798165</b> | <b>96.10832</b> | <b>.4790686</b> | <b>248.5489</b> | <b>.9797149</b> | <b>.2024581</b> |
| Stddev | .0001990        | 1.25743         | .0050334        | 2.7485          | .0011872        | .0003376        |
| %RSD   | .0414797        | 1.308342        | 1.050661        | 1.105810        | .1211816        | .1667311        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4798271 | 94.78643 | .4732865 | 245.4252 | .9797513 | .2027484 |
| #2 | .4796124 | 96.24908 | .4814492 | 249.6252 | .9785099 | .2025382 |
| #3 | .4800100 | 97.28944 | .4824700 | 250.5964 | .9808835 | .2020877 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.194228</b> | <b>.4738330</b> | <b>.9844931</b> | <b>-.180511</b> | <b>.9952343</b> | <b>1.038272</b> |
| Stddev | .013294         | .0036758        | .0063098        | .014266         | .0037405        | .001809         |
| %RSD   | 6.844644        | .7757554        | .6409208        | 7.903189        | .3758428        | .1741886        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.206012 | .4697092 | .9878105 | -.166647 | .9912939 | 1.037245 |
| #2 | -.196857 | .4750248 | .9884523 | -.195148 | .9956729 | 1.037211 |
| #3 | -.179816 | .4767650 | .9772166 | -.179737 | .9987363 | 1.040360 |

Sample Name: ICSAB01      Acquired: 5/16/2022 13:58:42      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>1.060970</b> | <b>1.034696</b> | <b>1.060744</b> | <b>F .0047393</b> | <b>1.017289</b> | <b>F .0040470</b> |
| Stddev | .001236         | .006549         | .023638         | .0014304          | .001706         | .0006331          |
| %RSD   | .1164576        | .6329524        | 2.228447        | 30.18194          | .1676943        | 15.64314          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.061254 | 1.027947 | 1.033613 | .0032988 | 1.017812 | .0033184 |
| #2 | 1.062039 | 1.041026 | 1.076897 | .0047598 | 1.015383 | .0044625 |
| #3 | 1.059617 | 1.035115 | 1.071721 | .0061594 | 1.018672 | .0043603 |

|        |                   |
|--------|-------------------|
| Elem   | Sr4077            |
| Units  | ppm               |
| Avg    | <b>F .0047489</b> |
| Stddev | .0007312          |
| %RSD   | 15.39704          |

|    |          |
|----|----------|
| #1 | .0053473 |
| #2 | .0049655 |
| #3 | .0039339 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2448.226</b> | <b>67685.76</b> | <b>8468.540</b> | <b>1880.516</b> | <b>3052.487</b> |
| Stddev    | 39.741          | 182.42          | 36.992          | 11.551          | 48.748          |
| %RSD      | 1.623272        | .2695074        | .4368156        | .6142358        | 1.597001        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2414.467 | 67521.01 | 8452.967 | 1869.989 | 3011.238 |
| #2 | 2438.188 | 67654.46 | 8441.880 | 1878.686 | 3039.941 |
| #3 | 2492.024 | 67881.80 | 8510.772 | 1892.872 | 3106.282 |

Sample Name: CCV01      Acquired: 5/16/2022 14:02:28      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.054523 | 5.028403 | 5.013145 | 5.054488 | 5.036194 | 10.06008 | 9.999219 |
| Stddev | .010680  | .027345  | .020021  | .005873  | .003548  | .08320   | .127272  |
| %RSD   | .2113048 | .5438050 | .3993756 | .1161907 | .0704422 | .8270430 | 1.272818 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.045481 | 4.996865 | 4.990161 | 5.061264 | 5.040244 | 9.96407  | 9.854677 |
| #2 | 5.051781 | 5.045498 | 5.022480 | 5.050853 | 5.034696 | 10.11120 | 10.09449 |
| #3 | 5.066307 | 5.042845 | 5.026794 | 5.051348 | 5.033640 | 10.10497 | 10.04850 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.495513 | 2.499297 | 24.74089 | .9955214 | 2.477332 | 1.268136 | 5.059045 |
| Stddev | .0012585 | .011092  | .30244   | .0047389 | .010939  | .002344  | .042459  |
| %RSD   | .5043043 | .4438043 | 1.222441 | .4760222 | .4415539 | .1848470 | .8392637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2482037 | 2.487040 | 24.39420 | .9925966 | 2.466054 | 1.269547 | 5.010514 |
| #2 | .2506960 | 2.502207 | 24.87778 | .9929787 | 2.478045 | 1.265430 | 5.077287 |
| #3 | .2497542 | 2.508644 | 24.95069 | 1.000989 | 2.487896 | 1.269431 | 5.089334 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.539118 | 25.11436 | 2.493385 | 1.244161 | 24.95432 | 2.513351 | 2.488723 |
| Stddev | .021346  | .36182   | .012325  | .001518  | .11333   | .018803  | .005353  |
| %RSD   | .8406706 | 1.440707 | .4943005 | .1220397 | .4541313 | .7481169 | .2150894 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.515256 | 24.69657 | 2.479350 | 1.243221 | 25.03824 | 2.493703 | 2.485183 |
| #2 | 2.545700 | 25.32425 | 2.498363 | 1.243351 | 24.82541 | 2.515172 | 2.486105 |
| #3 | 2.556397 | 25.32228 | 2.502443 | 1.245913 | 24.99932 | 2.531176 | 2.494881 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.20053 | 4.992097 | 5.042950 | 4.966633 | 5.030911 | 4.922067 | 4.946710 |
| Stddev | .09128   | .022097  | .003752  | .033971  | .034955  | .062114  | .025573  |
| %RSD   | .3622245 | .4426431 | .0744081 | .6839760 | .6948119 | 1.261951 | .5169725 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.28478 | 4.966661 | 5.047013 | 4.928212 | 4.990669 | 4.884272 | 4.917357 |
| #2 | 25.10355 | 5.003079 | 5.039616 | 4.978996 | 5.053740 | 4.888174 | 4.958593 |
| #3 | 25.21327 | 5.006553 | 5.042221 | 4.992690 | 5.048323 | 4.993755 | 4.964179 |

Sample Name: CCV01      Acquired: 5/16/2022 14:02:28      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>4.913456</b> | <b>4.980758</b> | <b>5.086529</b> |
| Stddev | .026573         | .012521         | .108512         |
| %RSD   | .5408212        | .2513884        | 2.133323        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.882831 | 4.975304 | 4.962720 |
| #2 | 4.930410 | 4.971890 | 5.131749 |
| #3 | 4.927127 | 4.995081 | 5.165117 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2492.159</b> | <b>71374.90</b> | <b>8470.476</b> | <b>1974.602</b> | <b>3268.742</b> |
| Stddev    | 7.779           | 301.85          | 11.587          | 10.630          | 5.905           |
| %RSD      | .3121227        | .4229093        | .1367890        | .5383287        | .1806590        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2483.239 | 71030.32 | 8474.429 | 1964.082 | 3275.318 |
| #2 | 2495.709 | 71501.83 | 8457.430 | 1974.385 | 3267.014 |
| #3 | 2497.530 | 71592.57 | 8479.569 | 1985.339 | 3263.893 |

Sample Name: LLCCV01      Acquired: 5/16/2022 14:06:24      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210882 | .0398682 | .0132248 | .0209377 | .0517589 | .0947694 | .0966123 |
| Stddev | .0024740 | .0004080 | .0010065 | .0015056 | .0004409 | .0108445 | .0016805 |
| %RSD   | 11.73166 | 1.023475 | 7.610448 | 7.190687 | .8518420 | 11.44307 | 1.739471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0239444 | .0402812 | .0143857 | .0216919 | .0513850 | .0861431 | .0947411 |
| #2 | .0196138 | .0394654 | .0125984 | .0192041 | .0516465 | .1069435 | .0971027 |
| #3 | .0197064 | .0398580 | .0126902 | .0219172 | .0522451 | .0912217 | .0979930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065625 | .0066776 | 2.034130 | .0104956 | .0309945 | .0224187 | .1051567 |
| Stddev | .0000235 | .0001041 | .023459  | .0000980 | .0008690 | .0002509 | .0031829 |
| %RSD   | .3582761 | 1.559583 | 1.153274 | .9339624 | 2.803746 | 1.119086 | 3.026797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065386 | .0066586 | 2.007148 | .0104837 | .0309908 | .0226192 | .1085767 |
| #2 | .0065856 | .0067899 | 2.049695 | .0105990 | .0318654 | .0221374 | .1022811 |
| #3 | .0065634 | .0065843 | 2.045547 | .0104041 | .0301274 | .0224996 | .1046125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0227158 | 2.085760 | .0412739 | .0105928 | 1.714554 | .0415024 | .0398987 |
| Stddev | .0005487 | .050325  | .0014040 | .0000813 | .031221  | .0012540 | .0003915 |
| %RSD   | 2.415589 | 2.412794 | 3.401673 | .7677118 | 1.820925 | 3.021500 | .9812891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0223984 | 2.027673 | .0414055 | .0104990 | 1.683526 | .0423667 | .0395075 |
| #2 | .0233494 | 2.116247 | .0426075 | .0106445 | 1.745964 | .0400642 | .0398982 |
| #3 | .0223996 | 2.113359 | .0398088 | .0106349 | 1.714171 | .0420764 | .0402905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.877672 | .1179166 | .2100799 | .0458305 | .0424462 | .4045077 | .0211376 |
| Stddev | .022483  | .0019357 | .0004961 | .0023973 | .0008474 | .0154745 | .0008817 |
| %RSD   | 1.197380 | 1.641566 | .2361562 | 5.230721 | 1.996385 | 3.825515 | 4.171422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.881432 | .1177836 | .2099646 | .0456261 | .0417490 | .3946758 | .0220507 |
| #2 | 1.898039 | .1160509 | .2096516 | .0483234 | .0433894 | .4223450 | .0210709 |
| #3 | 1.853547 | .1199154 | .2106235 | .0435419 | .0422003 | .3965024 | .0202910 |

Sample Name: LLCCV01      Acquired: 5/16/2022 14:06:24      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | S_1820          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0179101</b> | <b>.0175812</b> | <b>.0221548</b> |
| Stddev | .0020087        | .0005016        | .0001904        |
| %RSD   | 11.21530        | 2.853027        | .8593474        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0161624</b> | <b>.0170203</b> | <b>.0219628</b> |
| #2 | <b>.0201045</b> | <b>.0177365</b> | <b>.0223435</b> |
| #3 | <b>.0174633</b> | <b>.0179867</b> | <b>.0221580</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>2710.776</b> | <b>74504.83</b> | <b>8627.472</b> | <b>2153.529</b> | <b>3585.324</b> |
| Stddev    | 62.602          | 335.35          | 19.956          | 17.203          | 82.937          |
| %RSD      | 2.309357        | .4501042        | .2313105        | .7988164        | 2.313243        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2666.062 | 74262.69 | 8617.416 | 2140.090 | 3535.652 |
| #2 | 2782.321 | 74364.19 | 8614.544 | 2147.581 | 3539.250 |
| #3 | 2683.946 | 74887.60 | 8650.456 | 2172.917 | 3681.069 |



Sample Name: CCB01      Acquired: 5/16/2022 14:10:24      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018548 | -.000454 | -.000803 | -.000455 | -.000511 | .0010070 |
| Stddev | .0015510 | .000851  | .000541  | .002115  | .000500  | .0022394 |
| %RSD   | 83.61944 | 187.3778 | 67.31137 | 464.6628 | 97.80048 | 222.3700 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0006008 | -.000979 | -.000817 | -.002896 | -.001048 | .0022198 |
| #2 | .0035891 | -.000910 | -.000256 | .000821  | -.000059 | .0023784 |
| #3 | .0013745 | .000527  | -.001337 | .000710  | -.000426 | -.001577 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005484 | -.000030 | .0000308 | -.001030 | .0000911 | .0001117 |
| Stddev | .000980  | .000051  | .0000512 | .005560  | .0004597 | .0002085 |
| %RSD   | 17.86354 | 169.7707 | 166.5248 | 539.6189 | 504.4029 | 186.7255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005604 | .000008  | .0000850 | -.003285 | -.000371 | .0000700 |
| #2 | -.006398 | -.000010 | .0000241 | -.005109 | .000096  | .0003379 |
| #3 | -.004450 | -.000088 | -.000017 | .005303  | .000548  | -.000073 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000961 | -.000874 | .0002083 | .0106921 | -.000247 | .0001079 |
| Stddev | .0003928 | .007093  | .0000987 | .0167236 | .000326  | .0002293 |
| %RSD   | 408.6313 | 811.7234 | 47.39915 | 156.4112 | 131.8988 | 212.4529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000350 | -.008677 | .0001864 | .0099583 | -.000187 | -.000149 |
| #2 | .000247  | .005182  | .0003161 | .0277705 | .000045  | .000292  |
| #3 | .000391  | .000874  | .0001223 | -.005653 | -.000599 | .000180  |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -1.13874 | .0009322 | -.002858 | -.164360 | .0056602 | .0001938 |
| Stddev | .00321     | .0009787 | .000100  | .014586  | .0008593 | .0001658 |
| %RSD   | .2820016   | 104.9843 | 3.500216 | 8.874361 | 15.18078 | 85.54648 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.13985 | .0019083 | -.002800 | -.152337 | .0048819 | .0000206 |
| #2 | -1.13512 | -.000049 | -.002974 | -.180586 | .0055165 | .0002098 |
| #3 | -1.14124 | .000937  | -.002800 | -.160158 | .0065823 | .0003511 |

Sample Name: CCB01      Acquired: 5/16/2022 14:10:24      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000033</b> | <b>-.000678</b> | <b>-.004105</b> | <b>-.000655</b> | <b>-.004636</b> | <b>-.003347</b> |
| Stddev | .0002389        | .000644         | .006372         | .001780         | .001152         | .000768         |
| %RSD   | 7214.684        | 95.06871        | 155.2330        | 271.8902        | 24.84914        | 22.95835        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000193</b> | <b>-.001419</b> | <b>-.009245</b> | <b>-.002546</b> | <b>-.003608</b> | <b>-.003607</b> |
| #2 | <b>.000269</b>  | <b>-.000254</b> | <b>.003024</b>  | <b>.000989</b>  | <b>-.005881</b> | <b>-.003952</b> |
| #3 | <b>-.000067</b> | <b>-.000360</b> | <b>-.006093</b> | <b>-.000408</b> | <b>-.004418</b> | <b>-.002482</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>-.000049</b> |
| Stddev | .000032         |
| %RSD   | 64.59345        |

|    |                 |
|----|-----------------|
| #1 | <b>-.000050</b> |
| #2 | <b>-.000080</b> |
| #3 | <b>-.000017</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>2708.003</b> | <b>73707.51</b> | <b>8406.573</b> | <b>2149.625</b> | <b>3542.697</b> |
| Stddev    | 128.022         | 95.69           | 50.684          | 27.657          | 58.563          |
| %RSD      | 4.727560        | .1298256        | .6029123        | 1.286601        | 1.653056        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2855.802</b> | <b>73678.41</b> | <b>8442.203</b> | <b>2168.585</b> | <b>3509.222</b> |
| #2 | <b>2631.563</b> | <b>73629.75</b> | <b>8428.966</b> | <b>2117.890</b> | <b>3610.318</b> |
| #3 | <b>2636.645</b> | <b>73814.38</b> | <b>8348.549</b> | <b>2162.400</b> | <b>3508.550</b> |

Sample Name: N2749-03DLX10      Acquired: 5/16/2022 14:19:49      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0255244 | .0026969 | .2371721 | .0028222 | .0016004 | 10.17362 | .1169177 |
| Stddev | .0012218 | .0013985 | .0028405 | .0037048 | .0002916 | .13088   | .0029962 |
| %RSD   | 4.786657 | 51.85494 | 1.197646 | 131.2704 | 18.22130 | 1.286445 | 2.562660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0268994 | .0012278 | .2404509 | -.001387 | .0013294 | 10.03300 | .1134604 |
| #2 | .0245634 | .0040120 | .2354587 | .004268  | .0015628 | 10.19599 | .1187579 |
| #3 | .0251105 | .0028508 | .2356067 | .005586  | .0019090 | 10.29187 | .1185349 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006097 | -.000043 | 4.476144 | .0277437 | .0107315 | .1235878 | 28.45850 |
| Stddev | .0000631 | .000057  | .064100  | .0001709 | .0002914 | .0002359 | .47616   |
| %RSD   | 10.34260 | 132.7196 | 1.432031 | .6158087 | 2.714992 | .1908756 | 1.673160 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006825 | .000019  | 4.406174 | .0278601 | .0108826 | .1238578 | 27.95063 |
| #2 | .0005711 | -.000093 | 4.490227 | .0275476 | .0103956 | .1234843 | 28.53002 |
| #3 | .0005755 | -.000056 | 4.532031 | .0278235 | .0109162 | .1234213 | 28.89485 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3744254 | 4.471950 | .0227121 | .0001938 | -.945022 | .0414693 | .6982352 |
| Stddev | .0050535 | .063704  | .0005470 | .0002362 | .004571  | .0011324 | .0019511 |
| %RSD   | 1.349671 | 1.424520 | 2.408255 | 121.8793 | .4836686 | 2.730813 | .2794379 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3698191 | 4.404532 | .0233211 | .0003697 | -.947782 | .0406931 | .7004416 |
| #2 | .3736262 | 4.480177 | .0225525 | -.000075 | -.939746 | .0409461 | .6967372 |
| #3 | .3798308 | 4.531140 | .0222626 | .000286  | -.947538 | .0427688 | .6975269 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5820052 | -.010018 | .0007830 | .0246758 | .6029336 | .6729393 | .7162403 |
| Stddev | .0067196 | .002726  | .0002333 | .0001593 | .0081217 | .0160394 | .0073284 |
| %RSD   | 1.154556 | 27.20984 | 29.79213 | .6457419 | 1.347029 | 2.383481 | 1.023170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5742744 | -.013157 | .0005357 | .0247699 | .5936296 | .6553093 | .7246862 |
| #2 | .5852970 | -.008644 | .0009991 | .0247657 | .6086051 | .6866685 | .7115647 |
| #3 | .5864441 | -.008252 | .0008142 | .0244918 | .6065660 | .6768401 | .7124701 |

Sample Name: N2749-03DLX10      Acquired: 5/16/2022 14:19:49      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>.9961837</b> | <b>.0098995</b> | <b>.0206032</b> |
| Stddev | .0146953        | .0008695        | .0003389        |
| %RSD   | 1.475154        | 8.782969        | 1.644846        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.011625</b> | <b>.0094617</b> | <b>.0204172</b> |
| #2 | <b>.982369</b>  | <b>.0109009</b> | <b>.0209943</b> |
| #3 | <b>.994557</b>  | <b>.0093360</b> | <b>.0203979</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>2673.890</b> | <b>74030.32</b> | <b>8623.440</b> | <b>2158.898</b> | <b>3561.871</b> |
| Stddev    | 40.041          | 145.84          | 29.143          | 2.995           | 85.113          |
| %RSD      | 1.497486        | .1970037        | .3379467        | .1387196        | 2.389556        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2655.326</b> | <b>74053.36</b> | <b>8599.045</b> | <b>2161.614</b> | <b>3478.368</b> |
| #2 | <b>2646.501</b> | <b>74163.28</b> | <b>8655.711</b> | <b>2159.394</b> | <b>3558.737</b> |
| #3 | <b>2719.844</b> | <b>73874.34</b> | <b>8615.564</b> | <b>2155.686</b> | <b>3648.507</b> |

Sample Name: N2749-03DUPDLX10      Acquired: 5/16/2022 14:23:46      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0238496 | .0023142 | .2425510 | .0021523 | .0025151 | 10.17474 | .1179389 |
| Stddev | .0012178 | .0003924 | .0037479 | .0000956 | .0012960 | .12348   | .0015989 |
| %RSD   | 5.106085 | 16.95581 | 1.545222 | 4.442730 | 51.52673 | 1.213638 | 1.355711 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0229206 | .0026944 | .2457204 | .0021279 | .0027618 | 10.03889 | .1163671 |
| #2 | .0252283 | .0023375 | .2384142 | .0020712 | .0036700 | 10.20516 | .1178861 |
| #3 | .0233999 | .0019106 | .2435186 | .0022577 | .0011136 | 10.28018 | .1195636 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005657 | .0002841 | 4.468574 | .0272522 | .0111033 | .1238037 | 27.89392 |
| Stddev | .0000295 | .0001748 | .084849  | .0007204 | .0004900 | .0003815 | .35956   |
| %RSD   | 5.219139 | 61.54457 | 1.898805 | 2.643507 | 4.413444 | .3081518 | 1.289041 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005501 | .0004828 | 4.379805 | .0279363 | .0114601 | .1234741 | 27.49191 |
| #2 | .0005471 | .0001539 | 4.477048 | .0273199 | .0105445 | .1237154 | 28.00506 |
| #3 | .0005997 | .0002155 | 4.548868 | .0265003 | .0113052 | .1242216 | 28.18480 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3736853 | 4.401223 | .0232910 | .0002081 | -.991284 | .0434047 | .6809081 |
| Stddev | .0054555 | .057485  | .0011441 | .0001246 | .006757  | .0018663 | .0088770 |
| %RSD   | 1.459908 | 1.306111 | 4.912397 | 59.85264 | .6816533 | 4.299830 | 1.303706 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3674744 | 4.335352 | .0244613 | .0001389 | -.993723 | .0421748 | .6863280 |
| #2 | .3758790 | 4.427068 | .0221750 | .0001336 | -.983646 | .0424872 | .6706636 |
| #3 | .3777024 | 4.441249 | .0232366 | .0003520 | -.996483 | .0455522 | .6857329 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5516034 | -.017811 | .0005663 | .0255877 | .6069643 | .6654247 | .7345646 |
| Stddev | .0119022 | .000257  | .0002821 | .0011724 | .0092247 | .0095618 | .0158678 |
| %RSD   | 2.157736 | 1.442439 | 49.80728 | 4.582038 | 1.519803 | 1.436941 | 2.160168 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5432743 | -.018106 | .0008912 | .0269275 | .5967528 | .6624242 | .7487650 |
| #2 | .5652353 | -.017681 | .0004232 | .0247495 | .6094456 | .6577231 | .7174369 |
| #3 | .5463006 | -.017644 | .0003845 | .0250860 | .6146945 | .6761269 | .7374918 |

Sample Name: N2749-03DUPDLX10      Acquired: 5/16/2022 14:23:46      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>1.027584</b> | <b>.0097646</b> | <b>.0213904</b> |
| Stddev | .029011         | .0002963        | .0001970        |
| %RSD   | 2.823180        | 3.034272        | .9207962        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.055832</b> | <b>.0094656</b> | <b>.0211656</b> |
| #2 | <b>.997866</b>  | <b>.0100581</b> | <b>.0214729</b> |
| #3 | <b>1.029054</b> | <b>.0097701</b> | <b>.0215328</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>2709.452</b> | <b>76583.49</b> | <b>8706.521</b> | <b>2217.737</b> | <b>3528.621</b> |
| Stddev    | 36.186          | 329.01          | 32.947          | 48.892          | 60.709          |
| %RSD      | 1.335549        | .4296072        | .3784141        | 2.204583        | 1.720472        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2750.912</b> | <b>76209.21</b> | <b>8701.148</b> | <b>2176.885</b> | <b>3488.666</b> |
| #2 | <b>2684.225</b> | <b>76827.02</b> | <b>8741.824</b> | <b>2271.909</b> | <b>3598.481</b> |
| #3 | <b>2693.219</b> | <b>76714.24</b> | <b>8676.592</b> | <b>2204.420</b> | <b>3498.717</b> |

Sample Name: N2749-03LDLX50      Acquired: 5/16/2022 14:27:40      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0058543 | .0004681 | .0472537 | -.000526 | -.000702 | 1.981884 |
| Stddev | .0024056 | .0015089 | .0008627 | .001234  | .000862  | .026307  |
| %RSD   | 41.09019 | 322.3601 | 1.825679 | 234.7519 | 122.8501 | 1.327389 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0084410 | -.001247 | .0480211 | .000767  | .000274  | 1.951558 |
| #2 | .0036843 | .001593  | .0463200 | -.001692 | -.001362 | 1.995521 |
| #3 | .0054378 | .001057  | .0474200 | -.000653 | -.001018 | 1.998573 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0191893 | .0000816 | -.000023 | .8790578 | .0052017 | .0023342 |
| Stddev | .0010181 | .0000269 | .000068  | .0005123 | .0003127 | .0001317 |
| %RSD   | 5.305787 | 32.94097 | 294.9917 | .0582778 | 6.012131 | 5.643873 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0188580 | .0000708 | .000044  | .8787109 | .0055096 | .0024168 |
| #2 | .0203318 | .0000618 | -.000093 | .8796462 | .0048843 | .0021823 |
| #3 | .0183780 | .0001122 | -.000021 | .8788162 | .0052113 | .0024035 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241664 | 5.695460 | .0752411 | .8767019 | .0045495 | .0001986 |
| Stddev | .0000445 | .107016  | .0009903 | .0127631 | .0000991 | .0002161 |
| %RSD   | .1842831 | 1.878971 | 1.316097 | 1.455809 | 2.178481 | 108.8183 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0241175 | 5.613495 | .0740987 | .8624394 | .0046639 | .0004353 |
| #2 | .0242046 | 5.656357 | .0757706 | .8806188 | .0044944 | .0000122 |
| #3 | .0241771 | 5.816528 | .0758540 | .8870476 | .0044901 | .0001481 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -1.14234 | .0084783 | .1361351 | -.033106 | -.001183 | .0001350 |
| Stddev | .00669     | .0011173 | .0006456 | .012367  | .000531  | .0000137 |
| %RSD   | .5855486   | 13.17774 | .4742475 | 37.35480 | 44.93620 | 10.13422 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.14889 | .0097363 | .1366987 | -.045722 | -.001536 | .0001249 |
| #2 | -1.14262 | .0076015 | .1362760 | -.032592 | -.000571 | .0001295 |
| #3 | -1.13552 | .0080971 | .1354307 | -.021005 | -.001440 | .0001506 |

Sample Name: N2749-03LDLX50      Acquired: 5/16/2022 14:27:40      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0076554 | .1190561 | .1347916 | .1479542 | .1990638 | -.001115 |
| Stddev | .0003585 | .0020393 | .0054408 | .0046434 | .0076377 | .001047  |
| %RSD   | 4.683406 | 1.712860 | 4.036428 | 3.138433 | 3.836806 | 93.92741 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0072434 | .1168565 | .1377346 | .1447866 | .1944250 | .000033  |
| #2 | .0078969 | .1194278 | .1285132 | .1457915 | .1948873 | -.002019 |
| #3 | .0078258 | .1208839 | .1381269 | .1532845 | .2078790 | -.001358 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0037330 |
| Stddev | .0000081 |
| %RSD   | .2160745 |

|    |          |
|----|----------|
| #1 | .0037243 |
| #2 | .0037344 |
| #3 | .0037402 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2758.058 | 74323.12 | 8504.158 | 2167.050 | 3538.792 |
| Stddev    | 129.961  | 104.73   | 44.888   | 22.129   | 3.232    |
| %RSD      | 4.712032 | .1409093 | .5278357 | 1.021158 | .0913175 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2666.417 | 74225.73 | 8523.147 | 2144.202 | 3542.328 |
| #2 | 2700.965 | 74309.75 | 8452.896 | 2188.382 | 3538.059 |
| #3 | 2906.792 | 74433.90 | 8536.430 | 2168.565 | 3535.991 |



Sample Name: N2749-03MSDLX10      Acquired: 5/16/2022 14:31:38      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.0897710</b> | <b>.1969983</b> | <b>.2696121</b> | <b>.1926096</b> | <b>.0746988</b> | <b>8.084706</b> | <b>.1028591</b> |
| Stddev | .0043488        | .0031227        | .0068822        | .0103578        | .0023656        | .076439         | .0001780        |
| %RSD   | 4.844333        | 1.585123        | 2.552613        | 5.377627        | 3.166863        | .9454780        | .1730444        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0943430 | .1935169 | .2617878 | .2001569 | .0742684 | 7.996443 | .1027370 |
| #2 | .0892836 | .1979261 | .2723199 | .1968709 | .0772501 | 8.128339 | .1027770 |
| #3 | .0856864 | .1995520 | .2747284 | .1808008 | .0725780 | 8.129335 | .1030633 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0203471</b> | <b>.0199783</b> | <b>4.005767</b> | <b>.0578483</b> | <b>.0286662</b> | <b>.1349433</b> | <b>20.97160</b> |
| Stddev | .0000423        | .0007711        | .049910         | .0003028        | .0012098        | .0019684        | .33251          |
| %RSD   | .2079605        | 3.859648        | 1.245959        | .5234886        | 4.220224        | 1.458695        | 1.585533        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0203790 | .0192896 | 3.948683 | .0576538 | .0274758 | .1362189 | 20.60257 |
| #2 | .0203632 | .0198339 | 4.027445 | .0581972 | .0286285 | .1359348 | 21.06434 |
| #3 | .0202991 | .0208114 | 4.041173 | .0576939 | .0298944 | .1326763 | 21.24790 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3007910</b> | <b>3.757670</b> | <b>.0704208</b> | <b>.0075272</b> | <b>-.628654</b> | <b>.0615300</b> | <b>.5321549</b> |
| Stddev | .0030033        | .037496         | .0036298        | .0001114        | .012163         | .0032598        | .0049752        |
| %RSD   | .9984688        | .9978463        | 5.154493        | 1.479476        | 1.934841        | 5.297892        | .9349160        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2974340 | 3.714852 | .0675300 | .0074563 | -.641386 | .0583897 | .5318729 |
| #2 | .3017157 | 3.784636 | .0692380 | .0076555 | -.627424 | .0648974 | .5273267 |
| #3 | .3032232 | 3.773524 | .0744946 | .0074697 | -.617152 | .0613030 | .5372651 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.297739</b> | <b>.0220094</b> | <b>.0389773</b> | <b>.0777016</b> | <b>.5548008</b> | <b>.7088369</b> | <b>1.115422</b> |
| Stddev | .007998         | .0013540        | .0002343        | .0040844        | .0048633        | .0144065        | .064945         |
| %RSD   | .6163291        | 6.152016        | .6010274        | 5.256506        | .8765832        | 2.032417        | 5.822484        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.304066 | .0208947 | .0390169 | .0735489 | .5492763 | .7015189 | 1.062723 |
| #2 | 1.300402 | .0216174 | .0391892 | .0778420 | .5566904 | .6995582 | 1.095565 |
| #3 | 1.288749 | .0235162 | .0387257 | .0817140 | .5584357 | .7254335 | 1.187978 |

Sample Name: N2749-03MSDLX10      Acquired: 5/16/2022 14:31:38      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>1.945445</b> | <b>.0253983</b> | <b>.0381589</b> |
| Stddev | .123212         | .0004829        | .0010766        |
| %RSD   | 6.333355        | 1.901380        | 2.821394        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.841840</b> | <b>.0251196</b> | <b>.0393761</b> |
| #2 | <b>1.912804</b> | <b>.0251194</b> | <b>.0377693</b> |
| #3 | <b>2.081691</b> | <b>.0259559</b> | <b>.0373314</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>2762.085</b> | <b>73563.19</b> | <b>8530.467</b> | <b>2165.293</b> | <b>3523.663</b> |
| Stddev    | 131.433         | 85.02           | 46.681          | 25.726          | 77.680          |
| %RSD      | 4.758455        | .1155770        | .5472234        | 1.188126        | 2.204531        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2681.296</b> | <b>73642.09</b> | <b>8491.235</b> | <b>2153.429</b> | <b>3613.315</b> |
| #2 | <b>2691.217</b> | <b>73574.34</b> | <b>8518.072</b> | <b>2194.810</b> | <b>3481.311</b> |
| #3 | <b>2913.742</b> | <b>73473.15</b> | <b>8582.095</b> | <b>2147.639</b> | <b>3476.363</b> |

Sample Name: N2749-03MSDDLX10      Acquired: 5/16/2022 14:35:33      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0922574 | .1954465 | .2667214 | .1996715 | .0764748 | 8.033717 | .1022616 |
| Stddev | .0018801 | .0033947 | .0073153 | .0010834 | .0022682 | .114593  | .0014952 |
| %RSD   | 2.037895 | 1.736876 | 2.742680 | .5425848 | 2.965955 | 1.426403 | 1.462079 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0939199 | .1975277 | .2696312 | .2001898 | .0779368 | 7.902672 | .1005522 |
| #2 | .0902171 | .1915293 | .2583989 | .2003984 | .0738618 | 8.083363 | .1033257 |
| #3 | .0926353 | .1972826 | .2721341 | .1984264 | .0776256 | 8.115115 | .1029069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0199215 | .0194849 | 3.983211 | .0575260 | .0279993 | .1352945 | 21.11621 |
| Stddev | .0001570 | .0003877 | .042938  | .0004578 | .0008347 | .0005036 | .18096   |
| %RSD   | .7881058 | 1.989847 | 1.077974 | .7958072 | 2.981032 | .3722229 | .8569904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0197404 | .0196266 | 3.933635 | .0569981 | .0284246 | .1349499 | 20.90771 |
| #2 | .0200201 | .0190463 | 4.008605 | .0577670 | .0270377 | .1358724 | 21.20843 |
| #3 | .0200039 | .0197819 | 4.007391 | .0578130 | .0285357 | .1350611 | 21.23248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2987237 | 3.724717 | .0684389 | .0075125 | -.638442 | .0615762 | .5236880 |
| Stddev | .0053217 | .057797  | .0014053 | .0002086 | .009193  | .0033364 | .0029291 |
| %RSD   | 1.781480 | 1.551711 | 2.053283 | 2.776003 | 1.439836 | 5.418257 | .5593185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2929466 | 3.662467 | .0687081 | .0074008 | -.648615 | .0577340 | .5269625 |
| #2 | .2997988 | 3.735006 | .0669186 | .0077531 | -.635981 | .0637413 | .5227841 |
| #3 | .3034258 | 3.776679 | .0696902 | .0073836 | -.630731 | .0632533 | .5213174 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.326124 | .0227780 | .0388257 | .0748290 | .5553436 | .6992446 | 1.076516 |
| Stddev | .029868  | .0008233 | .0002223 | .0005625 | .0149938 | .0156541 | .022497  |
| %RSD   | 2.252303 | 3.614634 | .5724637 | .7516439 | 2.699906 | 2.238720 | 2.089837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.318272 | .0219922 | .0390723 | .0746516 | .5404826 | .6955924 | 1.081052 |
| #2 | 1.300966 | .0227075 | .0387643 | .0743768 | .5550814 | .6857394 | 1.052096 |
| #3 | 1.359134 | .0236344 | .0386407 | .0754588 | .5704666 | .7164019 | 1.096400 |

Sample Name: N2749-03MSDDLX10      Acquired: 5/16/2022 14:35:33      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>1.877647</b> | <b>.0252630</b> | <b>.0371725</b> |
| Stddev | .039830         | .0009378        | .0003317        |
| %RSD   | 2.121247        | 3.711944        | .8922860        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.887468</b> | <b>.0242801</b> | <b>.0368239</b> |
| #2 | <b>1.833825</b> | <b>.0253609</b> | <b>.0372092</b> |
| #3 | <b>1.911647</b> | <b>.0261480</b> | <b>.0374842</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>2698.120</b> | <b>73781.80</b> | <b>8668.285</b> | <b>2218.754</b> | <b>3551.738</b> |
| Stddev    | 20.425          | 63.59           | 17.855          | 22.191          | 87.670          |
| %RSD      | .7570085        | .0861878        | .2059768        | 1.000172        | 2.468362        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2674.652</b> | <b>73716.49</b> | <b>8685.653</b> | <b>2193.696</b> | <b>3496.598</b> |
| #2 | <b>2707.829</b> | <b>73843.52</b> | <b>8649.981</b> | <b>2235.924</b> | <b>3652.831</b> |
| #3 | <b>2711.880</b> | <b>73785.39</b> | <b>8669.220</b> | <b>2226.642</b> | <b>3505.785</b> |

Sample Name: N2749-03ADLX10      Acquired: 5/16/2022 14:39:29      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0978776 | .1951045 | .3149667 | .1964350 | .0785744 | 10.00990 | .1302869 |
| Stddev | .0034647 | .0033237 | .0088282 | .0072974 | .0008043 | .08274   | .0008984 |
| %RSD   | 3.539857 | 1.703545 | 2.802916 | 3.714911 | 1.023629 | .8265652 | .6895618 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0971643 | .1943788 | .3196101 | .2002992 | .0786771 | 9.91807  | .1296137 |
| #2 | .1016435 | .1987312 | .3205043 | .2009877 | .0793225 | 10.03298 | .1299398 |
| #3 | .0948251 | .1922037 | .3047858 | .1880181 | .0777237 | 10.07865 | .1313070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0202290 | .0191644 | 4.376558 | .0659067 | .0288198 | .1486068 | 27.26480 |
| Stddev | .0001424 | .0001955 | .053294  | .0005541 | .0002219 | .0001870 | .27432   |
| %RSD   | .7041784 | 1.020305 | 1.217723 | .8407188 | .7698805 | .1258428 | 1.006136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0202665 | .0193860 | 4.318875 | .0659748 | .0290160 | .1488216 | 26.94931 |
| #2 | .0200716 | .0190908 | 4.386829 | .0653217 | .0288644 | .1485186 | 27.39803 |
| #3 | .0203490 | .0190163 | 4.423969 | .0664236 | .0285790 | .1484802 | 27.44706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3792194 | 4.436225 | .0698839 | .0076971 | -.752431 | .0722565 | .6779856 |
| Stddev | .0053481 | .094874  | .0004789 | .0000636 | .008121  | .0030018 | .0018112 |
| %RSD   | 1.410290 | 2.138612 | .6852498 | .8257471 | 1.079279 | 4.154401 | .2671468 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3743131 | 4.354320 | .0704331 | .0077703 | -.752403 | .0692054 | .6780648 |
| #2 | .3784248 | 4.414173 | .0696652 | .0076565 | -.760566 | .0723577 | .6797560 |
| #3 | .3849204 | 4.540183 | .0695534 | .0076644 | -.744325 | .0752065 | .6761361 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.476786 | .0159856 | .0401155 | .0913636 | .6063348 | .7132065 | 1.243157 |
| Stddev | .019442  | .0010967 | .0002140 | .0002997 | .0123195 | .0252435 | .003236  |
| %RSD   | 1.316501 | 6.860780 | .5334309 | .3280087 | 2.031797 | 3.539438 | .2603084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.461575 | .0148734 | .0401607 | .0917082 | .5922144 | .6840581 | 1.242400 |
| #2 | 1.498690 | .0170661 | .0403033 | .0912189 | .6148885 | .7278888 | 1.240366 |
| #3 | 1.470093 | .0160172 | .0398825 | .0911637 | .6119015 | .7276727 | 1.246704 |

Sample Name: N2749-03ADLX10      Acquired: 5/16/2022 14:39:29      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>1.854138</b> | <b>.0294756</b> | <b>.0381703</b> |
| Stddev | .003476         | .0009361        | .0001611        |
| %RSD   | .1874796        | 3.176013        | .4221235        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.857766</b> | <b>.0291929</b> | <b>.0379849</b> |
| #2 | <b>1.850836</b> | <b>.0305205</b> | <b>.0382761</b> |
| #3 | <b>1.853813</b> | <b>.0287134</b> | <b>.0382500</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>2735.187</b> | <b>75531.00</b> | <b>8669.064</b> | <b>2181.602</b> | <b>3670.167</b> |
| Stddev    | 82.812          | 247.62          | 12.486          | 35.374          | 107.401         |
| %RSD      | 3.027657        | .3278373        | .1440301        | 1.621460        | 2.926316        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2692.058</b> | <b>75335.00</b> | <b>8675.722</b> | <b>2159.058</b> | <b>3611.459</b> |
| #2 | <b>2682.842</b> | <b>75448.72</b> | <b>8676.811</b> | <b>2163.376</b> | <b>3604.916</b> |
| #3 | <b>2830.663</b> | <b>75809.29</b> | <b>8654.660</b> | <b>2222.372</b> | <b>3794.125</b> |

Sample Name: N2749-06DLX10      Acquired: 5/16/2022 14:43:25      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0291365 | .0029383 | .4643341 | .0058174 | .0012146 | 9.262240 | .2403145 |
| Stddev | .0016564 | .0017939 | .0112617 | .0011094 | .0013037 | .103986  | .0027119 |
| %RSD   | 5.685020 | 61.05168 | 2.425349 | 19.06947 | 107.3371 | 1.122687 | 1.128472 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0277079 | .0039089 | .4773165 | .0069577 | .0022466 | 9.150382 | .2371954 |
| #2 | .0287493 | .0008682 | .4584903 | .0057526 | .0016478 | 9.280368 | .2416335 |
| #3 | .0309522 | .0040378 | .4571955 | .0047419 | -.000251 | 9.355970 | .2421145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003700 | -.000189 | 12.00843 | .0223116 | .0112421 | .1838408 | 39.48853 |
| Stddev | .0000313 | .000109  | .16629   | .0003025 | .0002484 | .0006460 | .43787   |
| %RSD   | 8.448716 | 57.98812 | 1.384798 | 1.355875 | 2.209483 | .3514044 | 1.108848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003594 | -.000069 | 11.83795 | .0223904 | .0115123 | .1844842 | 38.98345 |
| #2 | .0004052 | -.000213 | 12.01716 | .0219775 | .0110238 | .1831922 | 39.76098 |
| #3 | .0003454 | -.000283 | 12.17019 | .0225669 | .0111901 | .1838459 | 39.72116 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3617153 | 5.637757 | .0221132 | .0003549 | -.654818 | .0587402 | .4440795 |
| Stddev | .0049868 | .094115  | .0008673 | .0002340 | .009085  | .0018718 | .0005273 |
| %RSD   | 1.378656 | 1.669372 | 3.921964 | 65.94638 | 1.387397 | 3.186597 | .1187443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3568085 | 5.541016 | .0230689 | .0004327 | -.661324 | .0594513 | .4446297 |
| #2 | .3615590 | 5.643247 | .0218947 | .0005401 | -.644438 | .0601522 | .4435785 |
| #3 | .3667784 | 5.729006 | .0213761 | .0000919 | -.658692 | .0566170 | .4440304 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5521702 | .0018844 | .0022603 | .0119564 | .6718037 | .6608867 | .6117434 |
| Stddev | .0014466 | .0032983 | .0002257 | .0002969 | .0101872 | .0153096 | .0111398 |
| %RSD   | .2619781 | 175.0322 | 9.983529 | 2.483177 | 1.516397 | 2.316525 | 1.820987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5507691 | -.001892 | .0025154 | .0117878 | .6605677 | .6478656 | .6245491 |
| #2 | .5536583 | .004198  | .0021787 | .0117821 | .6744058 | .6570425 | .6063913 |
| #3 | .5520831 | .003347  | .0020868 | .0122992 | .6804374 | .6777521 | .6042897 |

Sample Name: N2749-06DLX10      Acquired: 5/16/2022 14:43:25      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>1.455477</b> | <b>.0084691</b> | <b>.0271956</b> |
| Stddev | .030116         | .0002830        | .0003612        |
| %RSD   | 2.069129        | 3.341072        | 1.328059        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.489468</b> | <b>.0085057</b> | <b>.0268422</b> |
| #2 | <b>1.432124</b> | <b>.0081696</b> | <b>.0271805</b> |
| #3 | <b>1.444838</b> | <b>.0087319</b> | <b>.0275641</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>2688.579</b> | <b>74160.51</b> | <b>8755.424</b> | <b>2148.897</b> | <b>3565.478</b> |
| Stddev    | 21.737          | 229.10          | 38.641          | 11.548          | 82.685          |
| %RSD      | .8085003        | .3089204        | .4413338        | .5373987        | 2.319046        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2665.925</b> | <b>73914.55</b> | <b>8739.888</b> | <b>2154.768</b> | <b>3470.858</b> |
| #2 | <b>2709.265</b> | <b>74199.13</b> | <b>8799.414</b> | <b>2135.593</b> | <b>3623.840</b> |
| #3 | <b>2690.548</b> | <b>74367.83</b> | <b>8726.969</b> | <b>2156.329</b> | <b>3601.736</b> |



Sample Name: N2749-12DLX10      Acquired: 5/16/2022 14:47:20      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.0312810</b> | <b>.0015286</b> | <b>.2145650</b> | <b>.0044173</b> | <b>.0010760</b> | <b>6.738381</b> | <b>.1759517</b> |
| Stddev | .0014378        | .0005487        | .0051508        | .0021786        | .0004710        | .084067         | .0020990        |
| %RSD   | 4.596300        | 35.89299        | 2.400569        | 49.31801        | 43.77804        | 1.247591        | 1.192943        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0322231 | .0010590 | .2086187 | .0069321 | .0008002 | 6.643923 | .1735320 |
| #2 | .0319938 | .0013950 | .2176476 | .0031034 | .0016199 | 6.766230 | .1772817 |
| #3 | .0296261 | .0021317 | .2174287 | .0032166 | .0008079 | 6.804990 | .1770415 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005175</b> | <b>-.000528</b> | <b>3.991009</b> | <b>.0212134</b> | <b>.0093107</b> | <b>.0927391</b> | <b>28.47581</b> |
| Stddev | .0000297        | .000143         | .052150         | .0004449        | .0001370        | .0001768        | .31891          |
| %RSD   | 5.734524        | 27.18117        | 1.306695        | 2.097179        | 1.471608        | .1905980        | 1.119950        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005077 | -.000376 | 3.932099 | .0217226 | .0092143 | .0927780 | 28.11837 |
| #2 | .0004939 | -.000662 | 4.009653 | .0208998 | .0092502 | .0925461 | 28.57784 |
| #3 | .0005508 | -.000546 | 4.031275 | .0210179 | .0094675 | .0928932 | 28.73123 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3721534</b> | <b>2.719647</b> | <b>.0220380</b> | <b>.0001525</b> | <b>-.989556</b> | <b>.0409369</b> | <b>.2032004</b> |
| Stddev | .0008031        | .045788         | .0001642        | .0004194        | .004308         | .0002395        | .0027764        |
| %RSD   | .2157982        | 1.683594        | .7451402        | 274.9971        | .4353410        | .5849636        | 1.366343        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3712962 | 2.673758 | .0219412 | .0006364 | -.990123 | .0412128 | .2056431 |
| #2 | .3722754 | 2.765333 | .0222276 | -.000073 | -.984992 | .0408154 | .2037772 |
| #3 | .3728885 | 2.719851 | .0219452 | -.000106 | -.993552 | .0407826 | .2001809 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.6336300</b> | <b>-.010197</b> | <b>.0028035</b> | <b>.0057091</b> | <b>.7550294</b> | <b>.4081731</b> | <b>.5969400</b> |
| Stddev | .0079103        | .001841         | .0002464        | .0006496        | .0086238        | .0057376        | .0111216        |
| %RSD   | 1.248408        | 18.05120        | 8.789326        | 11.37906        | 1.142182        | 1.405686        | 1.863100        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6385440 | -.010170 | .0028866 | .0051196 | .7458239 | .4015943 | .5841244 |
| #2 | .6245050 | -.008371 | .0029977 | .0056022 | .7563437 | .4121412 | .6026342 |
| #3 | .6378409 | -.012052 | .0025263 | .0064056 | .7629206 | .4107837 | .6040615 |

Sample Name: N2749-12DLX10      Acquired: 5/16/2022 14:47:20      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | 1.129413 | .0066926 | .0127223 |
| Stddev | .018378  | .0010133 | .0002343 |
| %RSD   | 1.627237 | 15.14031 | 1.841785 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.108915 | .0075944 | .0124545 |
| #2 | 1.134903 | .0068872 | .0128228 |
| #3 | 1.144420 | .0055961 | .0128897 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2693.417 | 74083.39 | 8598.672 | 2176.165 | 3534.205 |
| Stddev    | 18.324   | 225.13   | 20.857   | 54.452   | 46.944   |
| %RSD      | .6803210 | .3038864 | .2425601 | 2.502185 | 1.328279 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2672.304 | 73824.98 | 8609.223 | 2133.664 | 3588.402 |
| #2 | 2702.778 | 74188.10 | 8574.648 | 2157.288 | 3507.968 |
| #3 | 2705.169 | 74237.10 | 8612.146 | 2237.543 | 3506.244 |

Sample Name: N2749-18DLX10      Acquired: 5/16/2022 14:51:18      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0370359 | .0007902 | .5268815 | .0026356 | -.000504 | 12.32877 | 1.277539 |
| Stddev | .0014853 | .0021284 | .0210280 | .0002179 | .000448  | .11829   | .005683  |
| %RSD   | 4.010522 | 269.3600 | 3.991022 | 8.267197 | 88.87674 | .9594635 | .4448443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0382102 | .0000215 | .5299110 | .0028519 | -.000158 | 12.19403 | 1.271054 |
| #2 | .0375313 | -.000847 | .5462304 | .0024162 | -.000343 | 12.37674 | 1.279907 |
| #3 | .0353661 | .003196  | .5045031 | .0026387 | -.001010 | 12.41553 | 1.281654 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009180 | .0004228 | 10.27812 | .0330685 | .0102999 | .1282954 | 27.87125 |
| Stddev | .0000777 | .0001364 | .12199   | .0002041 | .0003480 | .0005452 | .27792   |
| %RSD   | 8.464629 | 32.26618 | 1.186912 | .6173307 | 3.379135 | .4249314 | .9971723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009439 | .0004304 | 10.15097 | .0331264 | .0101760 | .1278480 | 27.57426 |
| #2 | .0009794 | .0005552 | 10.28919 | .0328417 | .0106930 | .1281355 | 27.91443 |
| #3 | .0008306 | .0002827 | 10.39420 | .0332375 | .0100308 | .1289026 | 28.12505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4073729 | 5.295857 | .0268924 | .0002345 | .7162740 | .0428288 | .4953329 |
| Stddev | .0045171 | .090019  | .0007342 | .0000840 | .0165413 | .0029331 | .0013056 |
| %RSD   | 1.108826 | 1.699806 | 2.730326 | 35.82599 | 2.309356 | 6.848312 | .2635817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4023055 | 5.191940 | .0272008 | .0001964 | .6971955 | .0404828 | .4968390 |
| #2 | .4088367 | 5.349922 | .0274221 | .0001764 | .7266022 | .0418863 | .4945220 |
| #3 | .4109766 | 5.345709 | .0260542 | .0003309 | .7250243 | .0461172 | .4946377 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6306557 | -.008023 | .0020032 | .0133995 | .5172814 | .6304323 | .7089802 |
| Stddev | .0105793 | .002118  | .0001719 | .0008843 | .0130766 | .0216460 | .0140180 |
| %RSD   | 1.677506 | 26.40104 | 8.582366 | 6.599465 | 2.527950 | 3.433509 | 1.977203 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6273161 | -.010061 | .0019971 | .0133484 | .5022368 | .6088131 | .7022899 |
| #2 | .6425018 | -.008174 | .0021781 | .0143083 | .5236888 | .6303789 | .7250899 |
| #3 | .6221492 | -.005833 | .0018344 | .0125419 | .5259186 | .6521049 | .6995608 |

Sample Name: N2749-18DLX10      Acquired: 5/16/2022 14:51:18      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>1.827930</b> | <b>.0124392</b> | <b>.0594173</b> |
| Stddev | .036251         | .0011265        | .0003988        |
| %RSD   | 1.983174        | 9.056107        | .6711764        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>1.806419</b> | <b>.0113553</b> | <b>.0590242</b> |
| #2 | <b>1.869784</b> | <b>.0123584</b> | <b>.0594060</b> |
| #3 | <b>1.807588</b> | <b>.0136039</b> | <b>.0598216</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>2720.381</b> | <b>75714.62</b> | <b>8835.675</b> | <b>2204.789</b> | <b>3598.047</b> |
| Stddev    | 76.661          | 354.93          | 27.389          | 14.245          | 142.658         |
| %RSD      | 2.818015        | .4687691        | .3099860        | .6460750        | 3.964874        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2669.971</b> | <b>75336.67</b> | <b>8805.124</b> | <b>2200.595</b> | <b>3571.978</b> |
| #2 | <b>2682.572</b> | <b>75766.36</b> | <b>8843.867</b> | <b>2220.660</b> | <b>3470.221</b> |
| #3 | <b>2808.602</b> | <b>76040.84</b> | <b>8858.033</b> | <b>2193.112</b> | <b>3751.942</b> |

Sample Name: N2749-06      Acquired: 5/16/2022 14:55:14      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.2373392</b> | <b>.0271484</b> | <b>4.628122</b> | <b>.0452345</b> | <b>.0126081</b> | <b>88.67651</b> |
| Stddev | .0010990        | .0048651        | .219291         | .0033440        | .0013424        | .52446          |
| %RSD   | .4630337        | 17.92030        | 4.738226        | 7.392573        | 10.64725        | .5914272        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2385569 | .0239841 | 4.881027 | .0423200 | .0114301 | 88.08984 |
| #2 | .2370396 | .0247106 | 4.490821 | .0444982 | .0123245 | 88.83977 |
| #3 | .2364211 | .0327504 | 4.512517 | .0488853 | .0140696 | 89.09992 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.291042</b> | <b>.0032383</b> | <b>.0100476</b> | <b>112.2923</b> | <b>.1984543</b> | <b>.1178748</b> |
| Stddev | .018124         | .0003670        | .0037616        | .5494           | .0011434        | .0070241        |
| %RSD   | .7911018        | 11.33204        | 37.43766        | .4892263        | .5761356        | 5.958913        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.273473 | .0034479 | .0143091 | 111.6932 | .1987059 | .1259774 |
| #2 | 2.289976 | .0034525 | .0086443 | 112.4113 | .1972061 | .1141368 |
| #3 | 2.309675 | .0028146 | .0071894 | 112.7724 | .1994509 | .1135102 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.532389</b> | <b>365.8986</b> | <b>3.221057</b> | <b>51.45553</b> | <b>.2307745</b> | <b>.0034290</b> |
| Stddev | .016604         | 5.6672          | .018026         | .37704          | .0115968        | .0010173        |
| %RSD   | 1.083565        | 1.548857        | .5596175        | .7327577        | 5.025148        | 29.66745        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.551333 | 360.6563 | 3.200643 | 51.02226 | .2441649 | .0028259 |
| #2 | 1.520357 | 365.1277 | 3.234781 | 51.63515 | .2239921 | .0028574 |
| #3 | 1.525477 | 371.9118 | 3.227747 | 51.70917 | .2241665 | .0046035 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.097210</b> | <b>.5154759</b> | <b>3.891897</b> | <b>7.251403</b> | <b>.0365465</b> | <b>.0223735</b> |
| Stddev | .110598         | .0040105        | .046593         | .103667         | .0233583        | .0003655        |
| %RSD   | 2.699337        | .7780225        | 1.197169        | 1.429620        | 63.91397        | 1.633474        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.009555 | .5109591 | 3.908369 | 7.141905 | .0119490 | .0227576 |
| #2 | 4.060605 | .5168493 | 3.928017 | 7.264264 | .0392624 | .0220300 |
| #3 | 4.221469 | .5186193 | 3.839307 | 7.348040 | .0584281 | .0223329 |

Sample Name: N2749-06      Acquired: 5/16/2022 14:55:14      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>.1341594</b> | <b>5.997022</b> | <b>F 10.34984</b> | <b>6.741992</b> | <b>F 16.28692</b> | <b>.1040108</b> |
| Stddev | .0054130        | .032004         | .16320            | .223477         | .55454            | .0003761        |
| %RSD   | 4.034764        | .5336631        | 1.576876          | 3.314707        | 3.404827          | .3615511        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1403824 | 5.960976 | 10.17722 | 6.999926 | 16.92718 | .1040944 |
| #2 | .1305416 | 6.007994 | 10.37067 | 6.606358 | 15.95902 | .1035999 |
| #3 | .1315542 | 6.022098 | 10.50162 | 6.619692 | 15.97455 | .1043379 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2518857</b> |
| Stddev | .0023030        |
| %RSD   | .9142875        |

|    |          |
|----|----------|
| #1 | .2521811 |
| #2 | .2540266 |
| #3 | .2494492 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2956.068</b> | <b>79501.38</b> | <b>9720.695</b> | <b>2300.151</b> | <b>3309.066</b> |
| Stddev    | 32.933          | 306.93          | 78.800          | 28.808          | 147.914         |
| %RSD      | 1.114085        | .3860681        | .8106437        | 1.252455        | 4.469966        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2918.299 | 79661.13 | 9641.977 | 2282.437 | 3138.399 |
| #2 | 2978.793 | 79695.49 | 9720.531 | 2284.623 | 3400.150 |
| #3 | 2971.110 | 79147.53 | 9799.577 | 2333.392 | 3388.650 |

Sample Name: CCV02      Acquired: 5/16/2022 14:59:01      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>5.173309</b> | <b>5.117763</b> | <b>5.251984</b> | <b>5.177109</b> | <b>5.154205</b> | <b>10.41995</b> | <b>10.37714</b> |
| Stddev | .008408         | .018754         | .031318         | .016459         | .008024         | .05952          | .07457          |
| %RSD   | .1625239        | .3664586        | .5963031        | .3179219        | .1556826        | .5711684        | .7186136        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.181944 | 5.105112 | 5.240037 | 5.195862 | 5.158877 | 10.35307 | 10.33946 |
| #2 | 5.172835 | 5.108868 | 5.228397 | 5.170404 | 5.158798 | 10.46706 | 10.32894 |
| #3 | 5.165149 | 5.139310 | 5.287516 | 5.165061 | 5.144939 | 10.43973 | 10.46304 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2610059</b> | <b>2.618050</b> | <b>26.49189</b> | <b>1.048360</b> | <b>2.551060</b> | <b>1.311689</b> | <b>5.326105</b> |
| Stddev | .0005689        | .013383         | .18088          | .003736         | .011962         | .000820         | .055924         |
| %RSD   | .2179649        | .5111949        | .6827774        | .3564021        | .4689106        | .0625183        | 1.049998        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2616473 | 2.610278 | 26.29067 | 1.049950 | 2.543939 | 1.311881 | 5.261933 |
| #2 | .2608083 | 2.610369 | 26.54399 | 1.051038 | 2.544370 | 1.312395 | 5.364433 |
| #3 | .2605622 | 2.633504 | 26.64100 | 1.044091 | 2.564870 | 1.310789 | 5.351948 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.594116</b> | <b>25.98300</b> | <b>2.566300</b> | <b>1.304869</b> | <b>26.03513</b> | <b>2.590930</b> | <b>2.582937</b> |
| Stddev | .019172         | .23516          | .011789         | .002920         | .33000          | .017876         | .008228         |
| %RSD   | .7390695        | .9050496        | .4593783        | .2238084        | 1.267515        | .6899534        | .3185680        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.573628 | 25.71270 | 2.561932 | 1.301760 | 25.75588 | 2.570955 | 2.587843 |
| #2 | 2.597097 | 26.09567 | 2.557319 | 1.307555 | 26.39929 | 2.596410 | 2.587531 |
| #3 | 2.611623 | 26.14062 | 2.579650 | 1.305291 | 25.95023 | 2.605425 | 2.573437 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>26.22101</b> | <b>5.028127</b> | <b>5.129615</b> | <b>5.025960</b> | <b>5.131098</b> | <b>5.049807</b> | <b>5.036570</b> |
| Stddev | .18496          | .011340         | .010616         | .030962         | .026333         | .074391         | .026490         |
| %RSD   | .7053950        | .2255260        | .2069544        | .6160492        | .5131973        | 1.473153        | .5259567        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 26.04491 | 5.040825 | 5.135870 | 5.012798 | 5.100789 | 4.982928 | 5.024169 |
| #2 | 26.41371 | 5.019010 | 5.135617 | 5.003753 | 5.148361 | 5.036561 | 5.018556 |
| #3 | 26.20441 | 5.024546 | 5.117357 | 5.061329 | 5.144143 | 5.129931 | 5.066986 |

Sample Name: CCV02      Acquired: 5/16/2022 14:59:01      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>5.014139</b> | <b>5.084635</b> | <b>5.176209</b> |
| Stddev | .028019         | .032985         | .089704         |
| %RSD   | .5588005        | .6487221        | 1.733002        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.995266 | 5.067612 | 5.074753 |
| #2 | 5.000816 | 5.122654 | 5.208859 |
| #3 | 5.046333 | 5.063639 | 5.245015 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2476.642</b> | <b>70500.38</b> | <b>8524.201</b> | <b>1957.837</b> | <b>3266.172</b> |
| Stddev    | 8.494           | 180.09          | 48.779          | 5.232           | 9.193           |
| %RSD      | .3429512        | .2554406        | .5722407        | .2672547        | .2814532        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2470.786 | 70332.83 | 8470.325 | 1952.712 | 3269.613 |
| #2 | 2472.758 | 70477.48 | 8565.366 | 1963.170 | 3273.148 |
| #3 | 2486.384 | 70690.82 | 8536.913 | 1957.628 | 3255.755 |



Sample Name: CCB02      Acquired: 5/16/2022 15:02:55      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0015168 | -.000399 | .0003277 | -.000264 | -.001446 | -.001796 |
| Stddev | .0014070 | .001290  | .0012466 | .001265  | .001318  | .002287  |
| %RSD   | 92.75933 | 322.8661 | 380.4211 | 478.7895 | 91.11476 | 127.2803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0031414 | .000434  | .0013124 | -.001520 | .000035  | .000482  |
| #2 | .0007110 | .000252  | -.001074 | -.000283 | -.001885 | -.001780 |
| #3 | .0006980 | -.001885 | .000745  | .001010  | -.002488 | -.004091 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005711 | -.000034 | .0000055 | -.007954 | -.000030 | .0003401 |
| Stddev | .000328  | .000044  | .0000442 | .007556  | .000151  | .0000817 |
| %RSD   | 5.738454 | 130.5797 | 809.0354 | 94.99688 | 501.9794 | 24.03202 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005437 | -.000084 | .0000206 | -.001448 | .000142  | .0002935 |
| #2 | -.005623 | -.000011 | -.000044 | -.006173 | -.000139 | .0004345 |
| #3 | -.006074 | -.000006 | .000040  | -.016243 | -.000094 | .0002923 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001884 | -.001689 | .0001882 | .0047538 | -.000196 | .0000193 |
| Stddev | .0002477 | .005242  | .0002142 | .0243293 | .000317  | .0002075 |
| %RSD   | 131.4804 | 310.3101 | 113.8484 | 511.7836 | 162.1873 | 1073.463 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000024 | .003467  | .0001594 | -.002518 | .000145  | .0000061 |
| #2 | .000129  | -.001522 | -.000010 | -.015110 | -.000483 | .0002331 |
| #3 | .000460  | -.007012 | .000415  | .031890  | -.000249 | -.000181 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -1.21818 | .0006763 | -.003064 | -.192298 | .0077405 | .0007691 |
| Stddev | .00323     | .0008823 | .000147  | .011285  | .0006850 | .0004167 |
| %RSD   | .2652090   | 130.4668 | 4.795787 | 5.868378 | 8.849628 | 54.17980 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.21448 | .0015574 | -.003157 | -.202337 | .0076470 | .0012191 |
| #2 | -1.21968 | -.000207 | -.002894 | -.194473 | .0071070 | .0006915 |
| #3 | -1.22040 | .000679  | -.003140 | -.180084 | .0084674 | .0003967 |

Sample Name: CCB02      Acquired: 5/16/2022 15:02:55      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0003529 | -.000358 | -.000294 | -.001767 | -.003508 | -.003188 |
| Stddev | .0001498 | .000392  | .009927  | .003333  | .002794  | .000380  |
| %RSD   | 42.44250 | 109.6035 | 3372.246 | 188.6149 | 79.64737 | 11.91353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002384 | -.000806 | .000205  | .000580  | -.000539 | -.002780 |
| #2 | .0002979 | -.000080 | .009374  | -.005582 | -.006085 | -.003254 |
| #3 | .0005224 | -.000187 | -.010462 | -.000299 | -.003899 | -.003531 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0000049 |
| Stddev | .0000551 |
| %RSD   | 1116.107 |

|    |          |
|----|----------|
| #1 | .0000593 |
| #2 | .0000065 |
| #3 | -.000051 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2771.370 | 75095.81 | 8446.544 | 2143.109 | 3516.161 |
| Stddev    | 140.485  | 327.89   | 17.312   | 32.970   | 5.554    |
| %RSD      | 5.069158 | .4366352 | .2049645 | 1.538420 | .1579513 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2660.738 | 74780.00 | 8428.560 | 2111.294 | 3512.468 |
| #2 | 2929.431 | 75072.85 | 8447.978 | 2140.908 | 3522.548 |
| #3 | 2723.941 | 75434.58 | 8463.095 | 2177.124 | 3513.466 |

Sample Name: N2749-09      Acquired: 5/16/2022 15:06:58      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.2012751</b> | <b>.0149846</b> | <b>1.374519</b> | <b>.0247952</b> | <b>.0062881</b> | <b>82.66166</b> | <b>1.156721</b> |
| Stddev | .0029565        | .0012545        | .022747         | .0029566        | .0007525        | .81330          | .001992         |
| %RSD   | 1.468894        | 8.371642        | 1.654888        | 11.92417        | 11.96714        | .9838954        | .1722230        |
| #1     | .2046639        | .0150240        | 1.362485        | .0233532        | .0056984        | 81.78733        | 1.154430        |
| #2     | .1992230        | .0137109        | 1.400754        | .0281961        | .0060303        | 82.80197        | 1.158051        |
| #3     | .1999383        | .0162189        | 1.360316        | .0228362        | .0071356        | 83.39568        | 1.157681        |
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0055112</b> | <b>.0056041</b> | <b>45.12621</b> | <b>.1695325</b> | <b>.0799263</b> | <b>.8564948</b> | <b>210.4999</b> |
| Stddev | .0000675        | .0007363        | .04866          | .0012544        | .0017270        | .0007619        | 1.1095          |
| %RSD   | 1.225302        | 13.13817        | .1078308        | .7399305        | 2.160795        | .0889597        | .5271017        |
| #1     | .0055872        | .0050887        | 45.07650        | .1694491        | .0790021        | .8567751        | 209.2238        |
| #2     | .0054881        | .0064473        | 45.17375        | .1708266        | .0819188        | .8570769        | 211.2363        |
| #3     | .0054582        | .0052762        | 45.12838        | .1683219        | .0788580        | .8556324        | 211.0398        |
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.059962</b> | <b>28.25883</b> | <b>.1851785</b> | <b>.0023562</b> | <b>.5423474</b> | <b>.3419207</b> | <b>2.815517</b> |
| Stddev | .016524         | .05188          | .0036928        | .0002466        | .0030208        | .0014546        | .029675         |
| %RSD   | .8021558        | .1835830        | 1.994172        | 10.46688        | .5569838        | .4254312        | 1.053978        |
| #1     | 2.042129        | 28.19916        | .1833246        | .0020778        | .5431351        | .3403174        | 2.813518        |
| #2     | 2.063003        | 28.28408        | .1894309        | .0025472        | .5390108        | .3431559        | 2.786892        |
| #3     | 2.074755        | 28.29326        | .1827799        | .0024435        | .5448962        | .3422887        | 2.846141        |
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.067930</b> | <b>-.079622</b> | <b>.0255975</b> | <b>.0479973</b> | <b>4.360448</b> | <b>9.208787</b> | <b>5.180652</b> |
| Stddev | .068572         | .013311         | .0000877        | .0015251        | .042515         | .052718         | .103446         |
| %RSD   | 1.353065        | 16.71769        | .3425366        | 3.177538        | .9750138        | .5724784        | 1.996776        |
| #1     | 4.993265        | -.088229        | .0255644        | .0470430        | 4.314654        | 9.155155        | 5.110696        |
| #2     | 5.082437        | -.086347        | .0256969        | .0497562        | 4.368025        | 9.260541        | 5.299479        |
| #3     | 5.128088        | -.064290        | .0255312        | .0471927        | 4.398665        | 9.210664        | 5.131781        |

Sample Name: N2749-09      Acquired: 5/16/2022 15:06:58      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>6.927769</b> | <b>.1103727</b> | <b>.2297103</b> |
| Stddev | .136125         | .0008672        | .0021335        |
| %RSD   | 1.964919        | .7857248        | .9287902        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>6.845490</b> | <b>.1096401</b> | <b>.2274257</b> |
| #2 | <b>7.084894</b> | <b>.1101478</b> | <b>.2300543</b> |
| #3 | <b>6.852923</b> | <b>.1113302</b> | <b>.2316510</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>2856.011</b> | <b>80149.42</b> | <b>9573.806</b> | <b>2324.549</b> | <b>3354.836</b> |
| Stddev    | 2.995           | 89.68           | 27.918          | 35.903          | 68.143          |
| %RSD      | .1048574        | .1118900        | .2916064        | 1.544500        | 2.031186        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2852.571</b> | <b>80102.65</b> | <b>9543.051</b> | <b>2326.867</b> | <b>3391.709</b> |
| #2 | <b>2857.424</b> | <b>80092.80</b> | <b>9597.552</b> | <b>2359.237</b> | <b>3276.202</b> |
| #3 | <b>2858.038</b> | <b>80252.82</b> | <b>9580.814</b> | <b>2287.544</b> | <b>3396.597</b> |

Sample Name: N2749-12      Acquired: 5/16/2022 15:10:44      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .2614451 | .0164399 | 2.080867 | .0319865 | .0057500 | 63.25556 |
| Stddev | .0019905 | .0021367 | .009443  | .0012341 | .0009605 | .62857   |
| %RSD   | .7613512 | 12.99709 | .4538236 | 3.858323 | 16.70401 | .9937025 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2592247 | .0146407 | 2.076670 | .0333175 | .0068465 | 62.53211 |
| #2 | .2630697 | .0188016 | 2.091681 | .0317620 | .0050573 | 63.56665 |
| #3 | .2620409 | .0158775 | 2.074249 | .0308800 | .0053463 | 63.66793 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.730797 | .0042831 | .0011325 | 36.34742 | .1937580 | .0942205 |
| Stddev | .014351  | .0000501 | .0003766 | .35531   | .0016265 | .0004146 |
| %RSD   | .8291497 | 1.169211 | 33.25025 | .9775510 | .8394595 | .4400302 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.714291 | .0042277 | .0015668 | 35.94559 | .1946853 | .0946840 |
| #2 | 1.737781 | .0042964 | .0008969 | 36.47662 | .1918799 | .0938850 |
| #3 | 1.740319 | .0043251 | .0009339 | 36.62006 | .1947089 | .0940926 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8305355 | 266.9824 | 3.338374 | 24.46716 | .2232847 | .0028567 |
| Stddev | .0009461 | 2.4898   | .033805  | .29336   | .0003901 | .0004987 |
| %RSD   | .1139185 | .9325535 | 1.012617 | 1.199009 | .1746869 | 17.45865 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8303784 | 264.2774 | 3.299396 | 24.12843 | .2237037 | .0022998 |
| #2 | .8315503 | 267.4915 | 3.359684 | 24.63395 | .2229322 | .0030080 |
| #3 | .8296777 | 269.1782 | 3.356042 | 24.63910 | .2232181 | .0032622 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7688009 | .4051290 | 1.775603 | 7.921591 | -.075223 | .0253890 |
| Stddev | .0166845 | .0053140 | .006154  | .065702  | .011769  | .0003183 |
| %RSD   | 2.170194 | 1.311674 | .3465809 | .8294013 | 15.64581 | 1.253537 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7519418 | .3992807 | 1.780031 | 7.845748 | -.084942 | .0251151 |
| #2 | .7691557 | .4064448 | 1.768576 | 7.957915 | -.078589 | .0253138 |
| #3 | .7853051 | .4096615 | 1.778201 | 7.961110 | -.062137 | .0257381 |

Sample Name: N2749-12      Acquired: 5/16/2022 15:10:44      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>.0566675</b> | <b>7.967625</b> | <b>7.993857</b> | <b>6.072233</b> | <b>F 11.86484</b> | <b>.0875557</b> |
| Stddev | .0010924        | .075522         | .025144         | .005218         | .01572            | .0005376        |
| %RSD   | 1.927702        | .9478604        | .3145396        | .0859247        | .1324694          | .6139535        |
| #1     | .0575494        | 7.880465        | 7.972226        | 6.066333        | 11.86899          | .0869513        |
| #2     | .0570076        | 8.013645        | 7.987901        | 6.074124        | 11.84747          | .0877353        |
| #3     | .0554456        | 8.008765        | 8.021444        | 6.076241        | 11.87807          | .0879805        |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.0966829</b> |
| Stddev | .0009132        |
| %RSD   | .9445679        |
| #1     | .0959517        |
| #2     | .0977065        |
| #3     | .0963905        |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2840.130</b> | <b>79103.35</b> | <b>9574.495</b> | <b>2308.385</b> | <b>3373.105</b> |
| Stddev    | 24.427          | 157.31          | 13.099          | 5.317           | 21.997          |
| %RSD      | .8600497        | .1988668        | .1368143        | .2303436        | .6521313        |
| #1        | 2864.204        | 78940.38        | 9572.068        | 2302.739        | 3392.824        |
| #2        | 2815.366        | 79254.31        | 9562.779        | 2313.298        | 3349.380        |
| #3        | 2840.821        | 79115.38        | 9588.638        | 2309.117        | 3377.111        |

Sample Name: N2749-15      Acquired: 5/16/2022 15:14:28      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.2960260</b> | <b>.0276244</b> | <b>4.962367</b> | <b>.0323982</b> | <b>.0162765</b> | <b>36.06191</b> | <b>1.906224</b> |
| Stddev | .0026451        | .0024114        | .090043         | .0019764        | .0020717        | .25506          | .008951         |
| %RSD   | .8935369        | 8.729275        | 1.814512        | 6.100376        | 12.72797        | .7072936        | .4695462        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2987251</b> | <b>.0263862</b> | <b>4.858399</b> | <b>.0328193</b> | <b>.0143693</b> | <b>35.76898</b> | <b>1.896598</b> |
| #2 | <b>.2959143</b> | <b>.0304034</b> | <b>5.013505</b> | <b>.0302452</b> | <b>.0184807</b> | <b>36.23487</b> | <b>1.907777</b> |
| #3 | <b>.2934385</b> | <b>.0260836</b> | <b>5.015197</b> | <b>.0341302</b> | <b>.0159796</b> | <b>36.18188</b> | <b>1.914296</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0022991</b> | <b>.0051857</b> | <b>32.21102</b> | <b>.1383119</b> | <b>.0584746</b> | <b>1.934335</b> | <b>259.2452</b> |
| Stddev | .0001615        | .0007236        | .32829          | .0003719        | .0018523        | .024760         | 2.7493          |
| %RSD   | 7.023870        | 13.95397        | 1.019189        | .2688809        | 3.167692        | 1.280051        | 1.060507        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0023934</b> | <b>.0043503</b> | <b>31.83885</b> | <b>.1385461</b> | <b>.0564312</b> | <b>1.958968</b> | <b>257.0476</b> |
| #2 | <b>.0023914</b> | <b>.0055890</b> | <b>32.33474</b> | <b>.1378831</b> | <b>.0589491</b> | <b>1.934588</b> | <b>258.3599</b> |
| #3 | <b>.0021127</b> | <b>.0056177</b> | <b>32.45948</b> | <b>.1385066</b> | <b>.0600434</b> | <b>1.909449</b> | <b>262.3281</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.149227</b> | <b>14.11430</b> | <b>.1495350</b> | <b>.0020621</b> | <b>-.238907</b> | <b>.2672336</b> | <b>5.162052</b> |
| Stddev | .036653         | .20623          | .0036050        | .0004352        | .003634         | .0036509        | .043290         |
| %RSD   | .8833597        | 1.461130        | 2.410811        | 21.10584        | 1.521208        | 1.366172        | .8386214        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>4.106917</b> | <b>13.88314</b> | <b>.1456418</b> | <b>.0016119</b> | <b>-.243091</b> | <b>.2655911</b> | <b>5.198868</b> |
| #2 | <b>4.169462</b> | <b>14.18034</b> | <b>.1502053</b> | <b>.0020937</b> | <b>-.237089</b> | <b>.2646925</b> | <b>5.172926</b> |
| #3 | <b>4.171301</b> | <b>14.27941</b> | <b>.1527578</b> | <b>.0024806</b> | <b>-.236540</b> | <b>.2714172</b> | <b>5.114361</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>3.620174</b> | <b>-.106525</b> | <b>.0180379</b> | <b>.0956300</b> | <b>4.495336</b> | <b>6.437899</b> | <b>4.594474</b> |
| Stddev | .022708         | .006052         | .0004205        | .0022855        | .033552         | .066615         | .125800         |
| %RSD   | .6272730        | 5.681284        | 2.331241        | 2.389991        | .7463842        | 1.034739        | 2.738063        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3.606987</b> | <b>-.099801</b> | <b>.0184078</b> | <b>.0931297</b> | <b>4.456951</b> | <b>6.400398</b> | <b>4.454563</b> |
| #2 | <b>3.607140</b> | <b>-.111535</b> | <b>.0175806</b> | <b>.0961487</b> | <b>4.519078</b> | <b>6.398487</b> | <b>4.630602</b> |
| #3 | <b>3.646395</b> | <b>-.108241</b> | <b>.0181254</b> | <b>.0976117</b> | <b>4.509980</b> | <b>6.514812</b> | <b>4.698256</b> |

Sample Name: N2749-15      Acquired: 5/16/2022 15:14:28      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | <b>6.758969</b> | <b>.0575885</b> | <b>-.021701</b> |
| Stddev | .166958         | .0009576        | .001988         |
| %RSD   | 2.470170        | 1.662800        | 9.159236        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>6.575452</b> | <b>.0567570</b> | <b>-.021196</b> |
| #2 | <b>6.799580</b> | <b>.0573730</b> | <b>-.020014</b> |
| #3 | <b>6.901875</b> | <b>.0586354</b> | <b>-.023892</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>2753.603</b> | <b>77136.50</b> | <b>9191.764</b> | <b>2233.972</b> | <b>3354.137</b> |
| Stddev    | 28.754          | 252.97          | 7.921           | 16.591          | 57.690          |
| %RSD      | 1.044241        | .3279522        | .0861735        | .7426862        | 1.719965        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>2723.840</b> | <b>76992.03</b> | <b>9194.992</b> | <b>2219.157</b> | <b>3420.593</b> |
| #2 | <b>2755.741</b> | <b>77428.60</b> | <b>9182.739</b> | <b>2230.859</b> | <b>3324.881</b> |
| #3 | <b>2781.229</b> | <b>76988.88</b> | <b>9197.561</b> | <b>2251.899</b> | <b>3316.936</b> |



Sample Name: N2749-18      Acquired: 5/16/2022 15:18:14      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>.3092295</b> | <b>.0142533</b> | <b>5.302942</b> | <b>.0338384</b> | <b>.0065374</b> | <b>117.1663</b> |
| Stddev | .0054316        | .0023345        | .144086         | .0034695        | .0017078        | .8967           |
| %RSD   | 1.756480        | 16.37878        | 2.717102        | 10.25323        | 26.12287        | .7652923        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3146902 | .0121703 | 5.385635 | .0299482 | .0081049 | 116.1697 |
| #2 | .3091705 | .0167766 | 5.136566 | .0349544 | .0067897 | 117.4216 |
| #3 | .3038276 | .0138129 | 5.386623 | .0366125 | .0047175 | 117.9077 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>11.16684</b> | <b>.0083360</b> | <b>.0146118</b> | <b>93.30866</b> | <b>.2871685</b> | <b>.1117563</b> |
| Stddev | .09022          | .0001676        | .0017182        | .17887          | .0020705        | .0035309        |
| %RSD   | .8079057        | 2.010118        | 11.75877        | .1916956        | .7209918        | 3.159446        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.07494 | .0084783 | .0152030 | 93.12161 | .2855782 | .1129973 |
| #2 | 11.25527 | .0081513 | .0126762 | 93.32633 | .2895096 | .1077725 |
| #3 | 11.17031 | .0083782 | .0159564 | 93.47803 | .2864176 | .1144992 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu2247          | Fe2404          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.120980</b> | <b>259.6824</b> | <b>3.669032</b> | <b>48.97444</b> | <b>.2889931</b> | <b>.0025887</b> |
| Stddev | .017142         | .9044           | .027671         | .20397          | .0087108        | .0002840        |
| %RSD   | 1.529194        | .3482658        | .7541871        | .4164914        | 3.014192        | 10.96930        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.130534 | 258.6415 | 3.639405 | 48.75486 | .2914320 | .0022673 |
| #2 | 1.131216 | 260.1305 | 3.673484 | 49.01044 | .2793228 | .0028055 |
| #3 | 1.101190 | 260.2753 | 3.694207 | 49.15801 | .2962246 | .0026934 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Na5895          | V_2924          | Zn2138          | K_7664          | B_2496          | Mo2020          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>17.49387</b> | <b>.3806986</b> | <b>4.192228</b> | <b>8.195380</b> | <b>-.035803</b> | <b>.0172357</b> |
| Stddev | .01481          | .0014122        | .008665         | .048175         | .006069         | .0003176        |
| %RSD   | .0846789        | .3709444        | .2066987        | .5878338        | 16.95010        | 1.842929        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 17.50466 | .3802240 | 4.182865 | 8.140975 | -.041853 | .0176000 |
| #2 | 17.47698 | .3795848 | 4.199966 | 8.212536 | -.029716 | .0170895 |
| #3 | 17.49996 | .3822869 | 4.193852 | 8.232628 | -.035840 | .0170174 |

Sample Name: N2749-18      Acquired: 5/16/2022 15:18:14      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>.1466353</b> | <b>4.799314</b> | <b>F 12.29819</b> | <b>7.902072</b> | <b>F 20.53738</b> | <b>.1407608</b> |
| Stddev | .0061361        | .034632         | .05632            | .317170         | .82318            | .0002823        |
| %RSD   | 4.184624        | .7215960        | .4579498          | 4.013762        | 4.008184          | .2005161        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1471122 | 4.759354 | 12.29496 | 7.879850 | 20.50415 | .1408153 |
| #2 | .1402747 | 4.817985 | 12.24356 | 7.596597 | 19.73132 | .1404553 |
| #3 | .1525191 | 4.820604 | 12.35606 | 8.229769 | 21.37667 | .1410119 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.5427915</b> |
| Stddev | .0042548        |
| %RSD   | .7838740        |

|    |          |
|----|----------|
| #1 | .5387395 |
| #2 | .5424114 |
| #3 | .5472236 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>2926.553</b> | <b>80697.52</b> | <b>9876.393</b> | <b>2349.260</b> | <b>3178.504</b> |
| Stddev    | 61.130          | 94.61           | 8.302           | 2.410           | 92.038          |
| %RSD      | 2.088801        | .1172457        | .0840607        | .1025990        | 2.895638        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2877.817 | 80784.97 | 9868.026 | 2350.454 | 3124.185 |
| #2 | 2906.700 | 80597.08 | 9884.629 | 2350.839 | 3284.771 |
| #3 | 2995.141 | 80710.52 | 9876.525 | 2346.485 | 3126.555 |

Sample Name: N2749-21      Acquired: 5/16/2022 15:22:07      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0537761 | .0098695 | .3105498 | .0164947 | .0026848 | 70.45531 |
| Stddev | .0016517 | .0016811 | .0173177 | .0006865 | .0018360 | .57252   |
| %RSD   | 3.071390 | 17.03337 | 5.576476 | 4.162037 | 68.38331 | .8126060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0553548 | .0083416 | .3289827 | .0159028 | .0046129 | 69.82156 |
| #2 | .0539133 | .0095966 | .3080471 | .0172473 | .0009574 | 70.60923 |
| #3 | .0520601 | .0116704 | .2946196 | .0163338 | .0024842 | 70.93515 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4798180 | .0021841 | .0006394 | 50.42952 | .1771339 | .0867020 |
| Stddev | .0026763 | .0000643 | .0019523 | .35510   | .0008084 | .0045830 |
| %RSD   | .5577719 | 2.944671 | 305.3320 | .7041452 | .4563828 | 5.285871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4767531 | .0022303 | .0027109 | 50.01970 | .1762050 | .0916033 |
| #2 | .4810078 | .0022113 | .0003737 | 50.62326 | .1776786 | .0859795 |
| #3 | .4816930 | .0021106 | -.001166 | 50.64562 | .1775180 | .0825232 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3700977 | 192.2264 | 3.263253 | 39.23021 | .1696008 | .0012576 |
| Stddev | .0094824 | 2.3417   | .031376  | .28212   | .0077469 | .0002808 |
| %RSD   | 2.562145 | 1.218182 | .9614817 | .7191419 | 4.567707 | 22.32581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3783764 | 189.7326 | 3.227192 | 38.91163 | .1781485 | .0009579 |
| #2 | .3721643 | 192.5681 | 3.278264 | 39.33055 | .1676109 | .0013002 |
| #3 | .3597524 | 194.3784 | 3.284304 | 39.44844 | .1630430 | .0015146 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8633926 | .3356915 | .7533523 | 5.363124 | -.058042 | .0026857 |
| Stddev | .0203585 | .0044897 | .0050374 | .073031  | .015057  | .0001242 |
| %RSD   | 2.357970 | 1.337448 | .6686632 | 1.361728 | 25.94178 | 4.625171 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8430770 | .3313335 | .7511122 | 5.289806 | -.073137 | .0027357 |
| #2 | .8633068 | .3403023 | .7498236 | 5.363702 | -.057964 | .0025443 |
| #3 | .8837938 | .3354388 | .7591212 | 5.435865 | -.043023 | .0027772 |

Sample Name: N2749-21      Acquired: 5/16/2022 15:22:07      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0361300 | 6.860673 | F 10.07570 | 5.886269 | 2.122637 | .0891482 |
| Stddev | .0008030 | .056318  | .07594     | .158195  | .062605  | .0008644 |
| %RSD   | 2.222647 | .8208772 | .7536665   | 2.687530 | 2.949390 | .9696255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0369544 | 6.797010 | 9.99462  | 6.067452 | 2.194898 | .0891056 |
| #2 | .0353501 | 6.881017 | 10.08733 | 5.815813 | 2.088259 | .0883060 |
| #3 | .0360854 | 6.903993 | 10.14515 | 5.775543 | 2.084754 | .0900332 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0977215 |
| Stddev | .0007279 |
| %RSD   | .7448195 |

|    |          |
|----|----------|
| #1 | .0983596 |
| #2 | .0978760 |
| #3 | .0969287 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3020.608 | 81169.13 | 9698.939 | 2383.076 | 3444.428 |
| Stddev    | 112.819  | 149.67   | 39.428   | 15.651   | 199.754  |
| %RSD      | 3.734992 | .1843887 | .4065234 | .6567408 | 5.799326 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2907.479 | 81334.50 | 9679.872 | 2391.746 | 3225.225 |
| #2 | 3021.231 | 81129.90 | 9672.669 | 2392.474 | 3491.868 |
| #3 | 3133.116 | 81042.98 | 9744.277 | 2365.009 | 3616.191 |

Sample Name: CCV03      Acquired: 5/16/2022 15:25:56      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | <b>5.150684</b> | <b>5.080016</b> | <b>5.218782</b> | <b>5.176160</b> | <b>5.146910</b> | <b>10.46811</b> | <b>10.05989</b> |
| Stddev | .049734         | .026900         | .026084         | .031236         | .027292         | .06025          | .13818          |
| %RSD   | .9655897        | .5295280        | .4998168        | .6034595        | .5302662        | .5755125        | 1.373588        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.124429 | 5.054999 | 5.191160 | 5.152941 | 5.137290 | 10.40387 | 9.91303  |
| #2 | 5.119580 | 5.076579 | 5.222193 | 5.163867 | 5.125731 | 10.52334 | 10.18734 |
| #3 | 5.208044 | 5.108469 | 5.242993 | 5.211673 | 5.177710 | 10.47713 | 10.07931 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2640470</b> | <b>2.607085</b> | <b>26.34106</b> | <b>1.031004</b> | <b>2.540700</b> | <b>1.308148</b> | <b>5.212638</b> |
| Stddev | .0014652        | .013173         | .19063          | .002868         | .011163         | .005158         | .063068         |
| %RSD   | .5548992        | .5052953        | .7237042        | .2781627        | .4393584        | .3942648        | 1.209904        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2627934 | 2.594323 | 26.12433 | 1.027701 | 2.529514 | 1.306285 | 5.146576 |
| #2 | .2656578 | 2.606298 | 26.41603 | 1.032863 | 2.540745 | 1.304180 | 5.219129 |
| #3 | .2636897 | 2.620635 | 26.48280 | 1.032448 | 2.551840 | 1.313978 | 5.272210 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.610602</b> | <b>25.97965</b> | <b>2.550744</b> | <b>1.291060</b> | <b>25.33371</b> | <b>2.564995</b> | <b>2.557354</b> |
| Stddev | .024289         | .25941          | .011372         | .003373         | .10192          | .019165         | .011447         |
| %RSD   | .9304108        | .9985096        | .4458487        | .2612474        | .4023112        | .7471768        | .4476141        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.582665 | 25.69820 | 2.541320 | 1.287810 | 25.32307 | 2.548553 | 2.544151 |
| #2 | 2.626720 | 26.03158 | 2.547537 | 1.294544 | 25.23753 | 2.560387 | 2.563405 |
| #3 | 2.622421 | 26.20916 | 2.563376 | 1.290825 | 25.44054 | 2.586043 | 2.564505 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.99605</b> | <b>5.065334</b> | <b>5.119203</b> | <b>4.997064</b> | <b>5.181614</b> | <b>4.975597</b> | <b>5.012635</b> |
| Stddev | .07582          | .019078         | .024435         | .016979         | .036457         | .055259         | .020986         |
| %RSD   | .2916779        | .3766461        | .4773303        | .3397849        | .7035869        | 1.110594        | .4186710        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.94772 | 5.054007 | 5.105842 | 4.977556 | 5.141497 | 4.941245 | 4.992182 |
| #2 | 25.95699 | 5.087361 | 5.104360 | 5.008517 | 5.212723 | 5.039340 | 5.011607 |
| #3 | 26.08344 | 5.054635 | 5.147405 | 5.005118 | 5.190621 | 4.946206 | 5.034117 |

Sample Name: CCV03      Acquired: 5/16/2022 15:25:56      Type: Unk  
 Method: NON EPA-6010-200.7(v1514)      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    | 5.004395 | 5.040059 | 5.152041 |
| Stddev | .030303  | .006460  | .049384  |
| %RSD   | .6055241 | .1281645 | .9585390 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.973340 | 5.042898 | 5.108689 |
| #2 | 5.005961 | 5.044612 | 5.141634 |
| #3 | 5.033885 | 5.032666 | 5.205799 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2457.400 | 70172.93 | 8381.165 | 1939.550 | 3245.468 |
| Stddev    | 10.067   | 121.71   | 17.070   | 5.564    | 11.443   |
| %RSD      | .4096619 | .1734439 | .2036680 | .2868748 | .3525970 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2460.536 | 70116.66 | 8380.419 | 1941.088 | 3255.371 |
| #2 | 2465.525 | 70312.60 | 8364.481 | 1944.184 | 3248.093 |
| #3 | 2446.138 | 70089.54 | 8398.596 | 1933.379 | 3232.940 |

Sample Name: CCB03      Acquired: 5/16/2022 15:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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    | .0003026 | -.000207 | .0003699 | .0005383 | .0003265 | -.004539 |
| Stddev | .0032043 | .000953  | .0005204 | .0020779 | .0006108 | .003651  |
| %RSD   | 1059.108 | 459.5210 | 140.7058 | 385.9794 | 187.0749 | 80.42716 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003239 | -.000177 | .0000735 | -.001693 | -.000298 | -.003558 |
| #2 | .001144  | -.001175 | .0000653 | .002418  | .000923  | -.008580 |
| #3 | .003002  | .000730  | .0009708 | .000890  | .000355  | -.001479 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006147 | .0000031 | -.000039 | -.002085 | -.000204 | .0001466 |
| Stddev | .000532  | .0000478 | .000020  | .003908  | .000242  | .0001700 |
| %RSD   | 8.646753 | 1524.374 | 51.81793 | 187.4050 | 118.3118 | 115.9721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006291 | -.000033 | -.000053 | .002341  | -.000352 | .0003029 |
| #2 | -.006592 | -.000015 | -.000049 | -.003540 | .000075  | -.000034 |
| #3 | -.005559 | .000057  | -.000016 | -.005057 | -.000336 | .000171  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001395 | -.001554 | -.000039 | .0008898 | -.000346 | -.000049 |
| Stddev | .0001993 | .007960  | .000159  | .0029429 | .000212  | .000055  |
| %RSD   | 142.8885 | 512.3437 | 405.7292 | 330.7164 | 61.24340 | 112.5045 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0000625 | .007458  | -.000036 | .0042446 | -.000148 | -.000056 |
| #2 | -.000010 | -.007628 | -.000199 | -.000319 | -.000569 | .000009  |
| #3 | .000366  | -.004491 | .000118  | -.001256 | -.000321 | -.000101 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F -1.23979 | -.000484 | -.002881 | -.185758 | .0083273 | .0008142 |
| Stddev | .00296     | .002118  | .000246  | .014351  | .0008515 | .0002930 |
| %RSD   | .2386152   | 437.5033 | 8.544779 | 7.725602 | 10.22609 | 35.98296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -1.23649 | -.002697 | -.002808 | -.197262 | .0089817 | .0010568 |
| #2 | -1.24065 | -.000280 | -.002679 | -.190336 | .0086356 | .0008972 |
| #3 | -1.24222 | .001525  | -.003155 | -.169677 | .0073645 | .0004887 |

Sample Name: CCB03      Acquired: 5/16/2022 15:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v1514)      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>-.000468</b> | <b>-.000263</b> | <b>.0004267</b> | <b>.0003579</b> | <b>-.006068</b> | <b>-.003225</b> |
| Stddev | .000328         | .000174         | .0114838        | .0009485        | .002430         | .000947         |
| %RSD   | 70.08325        | 66.26405        | 2691.585        | 265.0081        | 40.04151        | 29.37891        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000790</b> | <b>-.000063</b> | <b>.0006343</b> | <b>.0012392</b> | <b>-.003867</b> | <b>-.002132</b> |
| #2 | <b>-.000134</b> | <b>-.000341</b> | <b>.0118053</b> | <b>-.000646</b> | <b>-.008676</b> | <b>-.003812</b> |
| #3 | <b>-.000480</b> | <b>-.000385</b> | <b>-.011160</b> | <b>.000480</b>  | <b>-.005662</b> | <b>-.003730</b> |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>-.000004</b> |
| Stddev | .000014         |
| %RSD   | 328.9998        |

|    |                 |
|----|-----------------|
| #1 | <b>.000012</b>  |
| #2 | <b>-.000013</b> |
| #3 | <b>-.000011</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>2658.232</b> | <b>73056.45</b> | <b>8409.537</b> | <b>2156.428</b> | <b>3612.414</b> |
| Stddev    | 35.814          | 90.26           | 41.597          | 55.657          | 106.129         |
| %RSD      | 1.347278        | .1235501        | .4946424        | 2.580962        | 2.937888        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2626.663 | 72952.22 | 8361.709 | 2107.775 | 3625.622 |
| #2 | 2650.882 | 73108.50 | 8429.623 | 2217.118 | 3500.299 |
| #3 | 2697.150 | 73108.62 | 8437.280 | 2144.390 | 3711.320 |