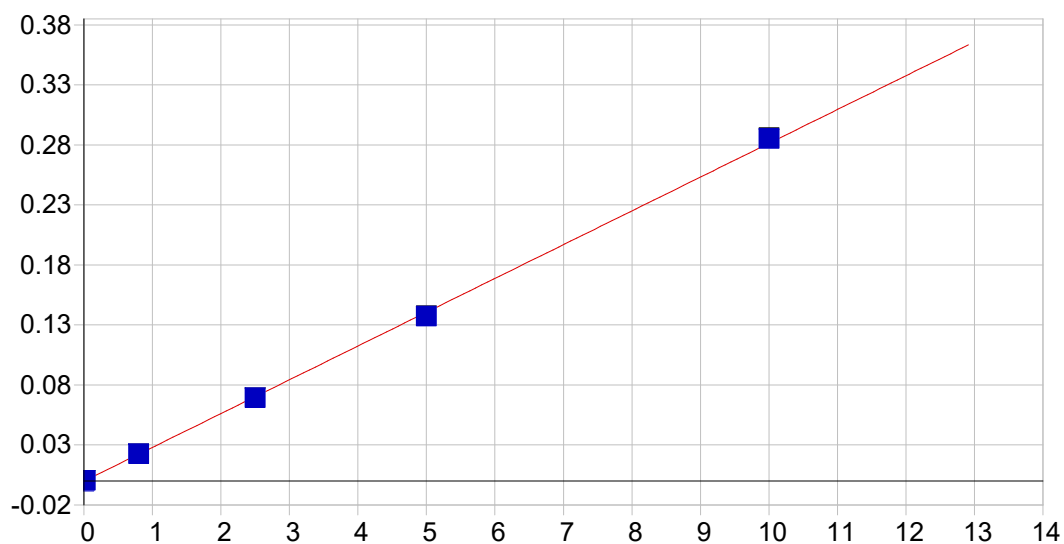


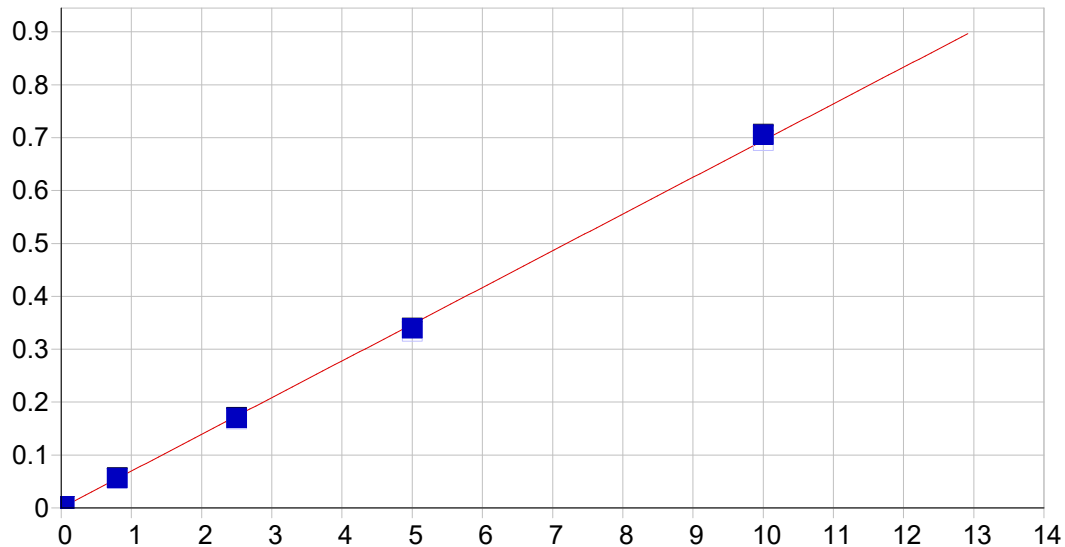


**As 189.042 {479}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000150 Re-Slope: 1.000000  
 A1 (Gain): 0.028150 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999837 Status: OK.  
 Std Error of Est: 0.000012  
 Predicted MDL: 0.003680  
 Predicted MQL: 0.012267

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00015 | .000    | 1        |
| S1        | .02000       | .02366      | .004       | 18.3    | .00052  | .000    | 1        |
| S3        | 2.5000       | 2.4654      | -.035      | -1.38   | .06924  | .000    | 1        |
| S4        | 5.0000       | 4.8822      | -.118      | -2.36   | .13727  | .000    | 1        |
| S5        | 10.000       | 10.140      | .140       | 1.40    | .28525  | .001    | 1        |
| S2        | .80000       | .80899      | .009       | 1.12    | .02262  | .000    | 1        |

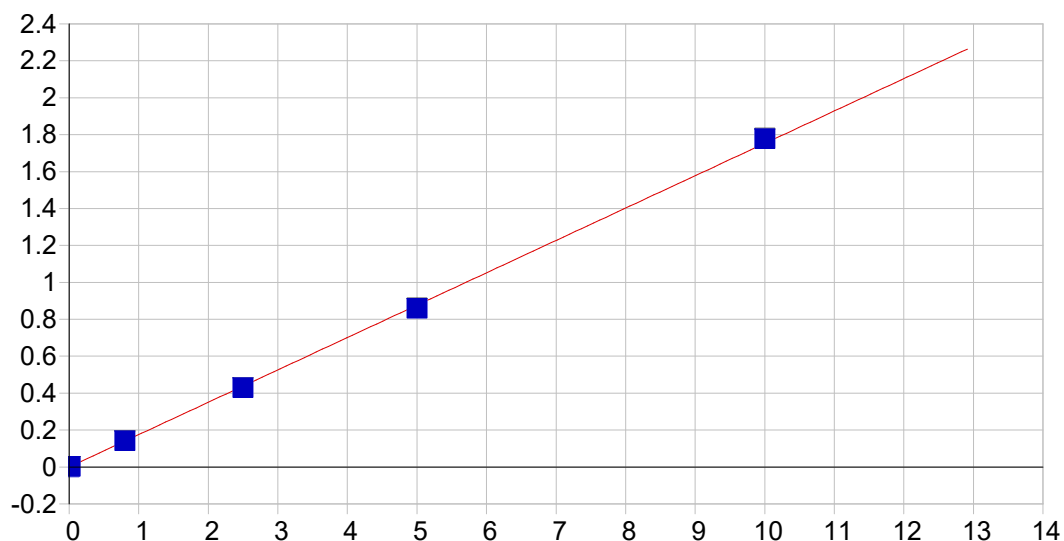


**TI 190.856 {477}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000145 Re-Slope: 1.000000  
 A1 (Gain): 0.069422 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999820 Status: OK.  
 Std Error of Est: 0.000043  
 Predicted MDL: 0.001878  
 Predicted MQL: 0.006261

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00014 | .000    | 1        |
| S1        | .04000       | .04139      | .001       | 3.47    | .00285 | .000    | 1        |
| S3        | 2.5000       | 2.4495      | -.051      | -2.02   | .16739 | .001    | 1        |
| S4        | 5.0000       | 4.8826      | -.117      | -2.35   | .33349 | .001    | 1        |
| S5        | 10.000       | 10.157      | .157       | 1.57    | .69401 | .001    | 1        |
| S2        | .80000       | .81010      | .010       | 1.26    | .05549 | .000    | 1        |

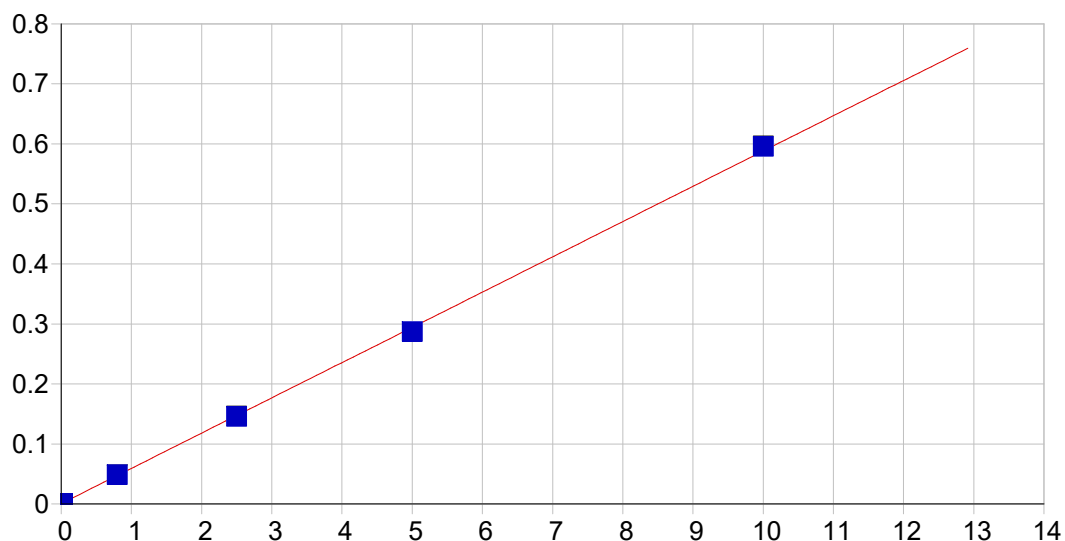


**Pb 220.353 {453}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000013 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.175297 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999851 | Status:   | OK.      |
| Std Error of Est: | 0.000055 |           |          |
| Predicted MDL:    | 0.001543 |           |          |
| Predicted MQL:    | 0.005143 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01200       | .01365      | .002       | 13.7    | .00238 | .000    | 1        |
| S3        | 2.5000       | 2.4487      | -.051      | -2.05   | .42917 | .000    | 1        |
| S4        | 5.0000       | 4.8984      | -.102      | -2.03   | .85851 | .001    | 1        |
| S5        | 10.000       | 10.142      | .142       | 1.42    | 1.7775 | .003    | 1        |
| S2        | .80000       | .80917      | .009       | 1.15    | .14183 | .000    | 1        |

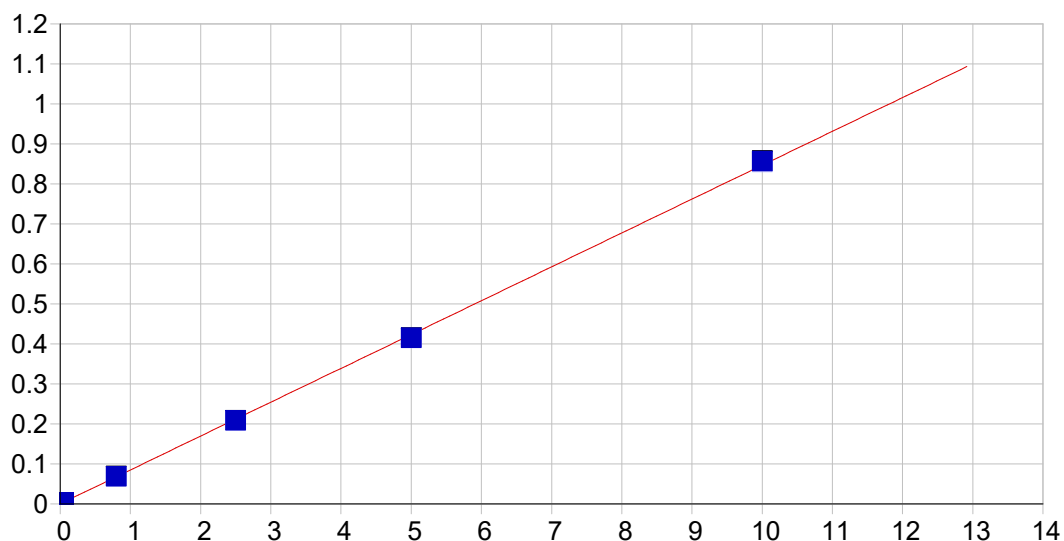


Se 196.090 {472}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000413 Re-Slope: 1.000000  
 A1 (Gain): 0.058766 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999846 Status: OK.  
 Std Error of Est: 0.000024  
 Predicted MDL: 0.003134  
 Predicted MQL: 0.010448

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00041 | .000    | 1        |
| S1        | .02000       | .02253      | .003       | 12.7    | .00174 | .000    | 1        |
| S3        | 2.5000       | 2.4721      | -.028      | -1.12   | .14577 | .000    | 1        |
| S4        | 5.0000       | 4.8783      | -.122      | -2.43   | .28725 | .000    | 1        |
| S5        | 10.000       | 10.129      | .129       | 1.29    | .59598 | .000    | 1        |
| S2        | .80000       | .81785      | .018       | 2.23    | .04850 | .000    | 1        |

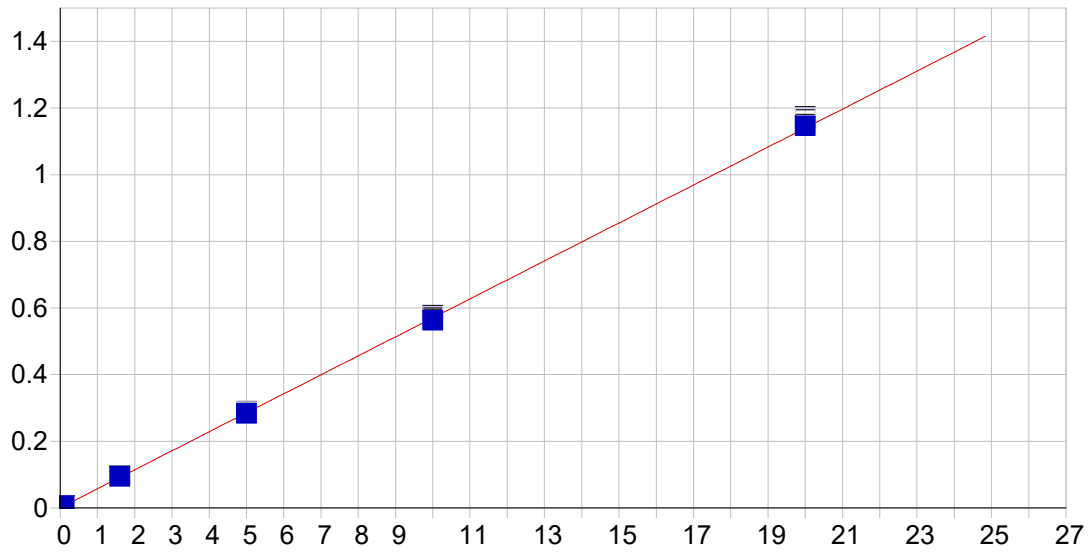


**Sb 206.833 {463}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000228 Re-Slope: 1.000000  
 A1 (Gain): 0.084640 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999885 Status: OK.  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.002099  
 Predicted MQL: 0.006998

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00023 | .000    | 1        |
| S1        | .05000       | .05225      | .002       | 4.49    | .00464 | .000    | 1        |
| S3        | 2.5000       | 2.4612      | -.039      | -1.55   | .20794 | .001    | 1        |
| S4        | 5.0000       | 4.9039      | -.096      | -1.92   | .41408 | .001    | 1        |
| S5        | 10.000       | 10.118      | .118       | 1.18    | .85418 | .001    | 1        |
| S2        | .80000       | .81482      | .015       | 1.85    | .06900 | .000    | 1        |

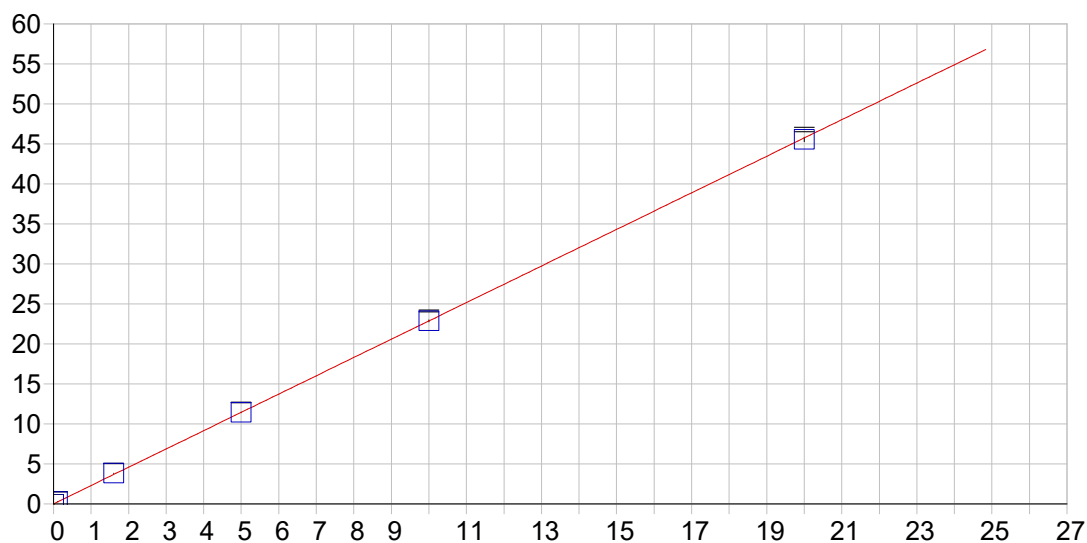


AI 396.152 { 85}

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000571 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.056966 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999944 | Status:   | OK.      |
| Std Error of Est: | 0.000046 |           |          |
| Predicted MDL:    | 0.009719 |           |          |
| Predicted MQL:    | 0.032397 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00057 | .000    | 1        |
| S1        | .10000       | .10852      | .009       | 8.52    | .00719 | .000    | 1        |
| S3        | 5.0000       | 4.9695      | -.031      | -.611   | .28939 | .001    | 1        |
| S4        | 10.000       | 9.8660      | -.134      | -1.34   | .57406 | .004    | 1        |
| S5        | 20.000       | 20.117      | .117       | .587    | 1.1695 | .005    | 1        |
| S2        | 1.6000       | 1.6382      | .038       | 2.39    | .09572 | .001    | 1        |

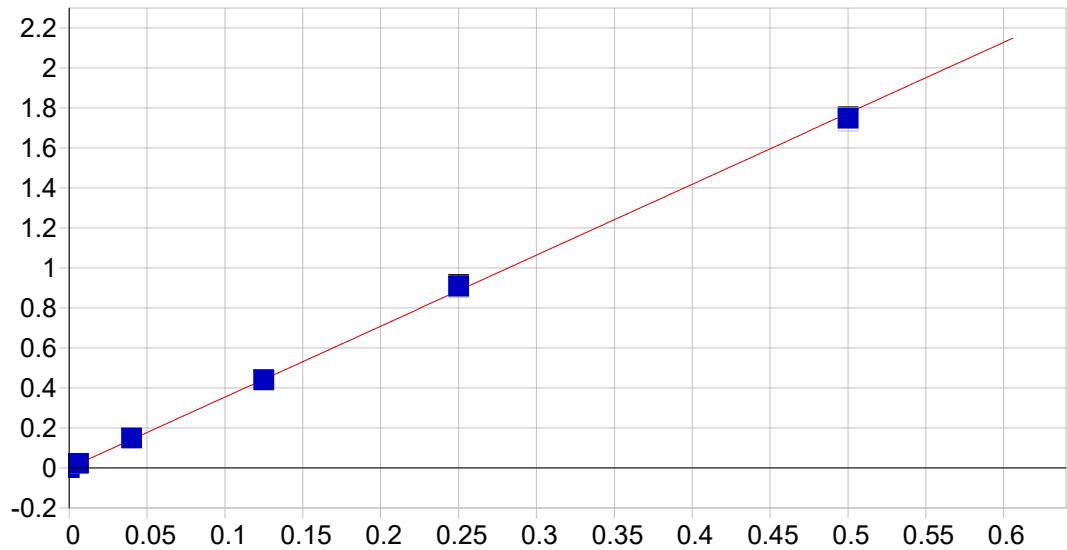


**Ba 493.409 { 68}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.011239 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 2.286729 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999927 | Status:   | OK.      |
| Std Error of Est: | 0.002050 |           |          |
| Predicted MDL:    | 0.000557 |           |          |
| Predicted MQL:    | 0.001857 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .01120 | .001    | 1        |
| S1        | .10000       | .11391      | .014       | 13.9    | .27173 | .002    | 1        |
| S3        | 5.0000       | 4.9963      | -.004      | -.075   | 11.436 | .040    | 1        |
| S4        | 10.000       | 9.9961      | -.004      | -.039   | 22.870 | .121    | 1        |
| S5        | 20.000       | 19.923      | -.077      | -.385   | 45.570 | .288    | 1        |
| S2        | 1.6000       | 1.6707      | .071       | 4.42    | 3.8316 | .017    | 1        |



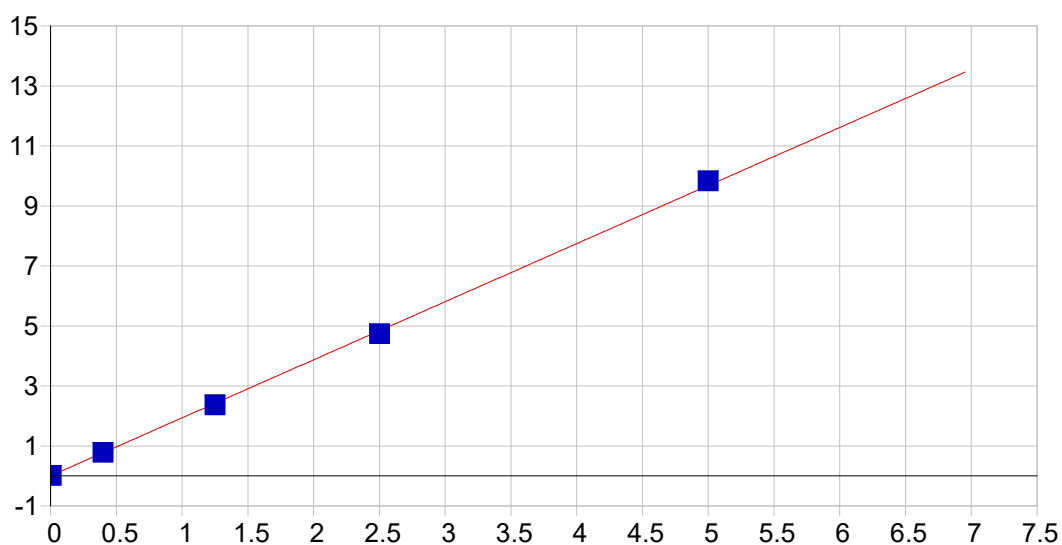
### Be 234.861 {144}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000581 Re-Slope: 1.000000  
 A1 (Gain): 3.548540 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999759 Status: OK.  
 Std Error of Est: 0.000222  
 Predicted MDL: 0.000072  
 Predicted MQL: 0.000240

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00058 | .000    | 1        |
| S1        | .00600       | .00672      | .001       | 12.0    | .02302  | .000    | 1        |
| S3        | .12500       | .12400      | -.001      | -.800   | .43611  | .002    | 1        |
| S4        | .25000       | .25570      | .006       | 2.28    | .90010  | .010    | 1        |
| S5        | .50000       | .49257      | -.007      | -1.49   | 1.7340  | .008    | 1        |
| S2        | .04000       | .04202      | .002       | 5.05    | .14746  | .000    | 1        |



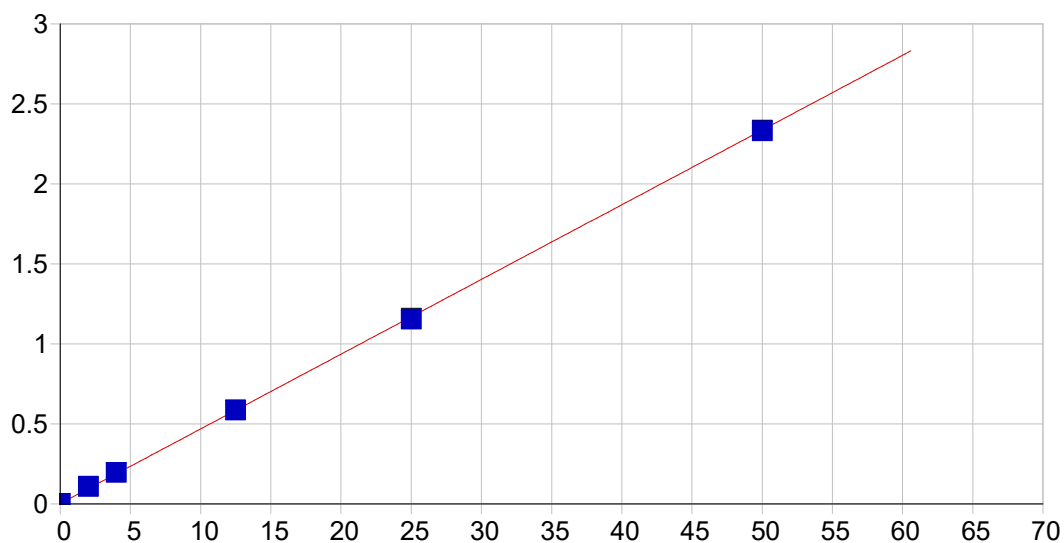


**Cd 226.502 {449}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000045 Re-Slope: 1.000000  
 A1 (Gain): 1.935755 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999833 Status: OK.  
 Std Error of Est: 0.000322  
 Predicted MDL: 0.000105  
 Predicted MQL: 0.000351

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00004 | .000    | 1        |
| S1        | .00600       | .00678      | .001       | 13.0    | .01323 | .000    | 1        |
| S3        | 1.2500       | 1.2188      | -.031      | -2.49   | 2.3619 | .002    | 1        |
| S4        | 2.5000       | 2.4502      | -.050      | -1.99   | 4.7481 | .003    | 1        |
| S5        | 5.0000       | 5.0761      | .076       | 1.52    | 9.8364 | .008    | 1        |
| S2        | .40000       | .40411      | .004       | 1.03    | .78313 | .002    | 1        |

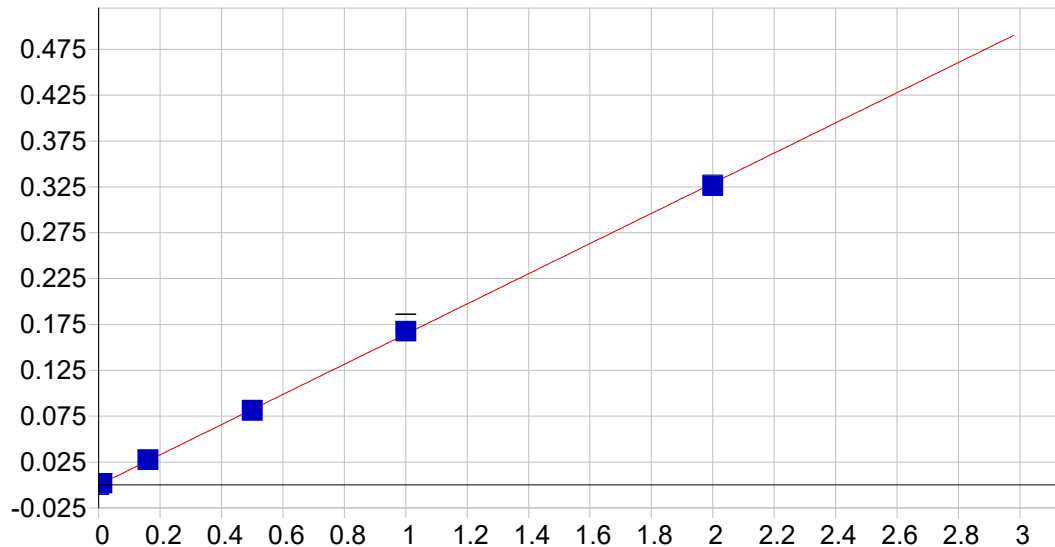


Ca 373.690 { 90}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002081 Re-Slope: 1.000000  
 A1 (Gain): 0.046693 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999738 Status: OK.  
 Std Error of Est: 0.000565  
 Predicted MDL: 0.010651  
 Predicted MQL: 0.035503

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00032     | -.000      | .000    | .00207 | .000    | 1        |
| S2        | 4.0000       | 4.1468      | .147       | 3.67    | .19542 | .001    | 1        |
| S3        | 12.500       | 12.491      | -.009      | -.073   | .58443 | .000    | 1        |
| S4        | 25.000       | 24.688      | -.312      | -1.25   | 1.1530 | .006    | 1        |
| S5        | 50.000       | 49.894      | -.106      | -.212   | 2.3282 | .005    | 1        |
| S1        | 2.0000       | 2.2803      | .280       | 14.0    | .10852 | .001    | 1        |

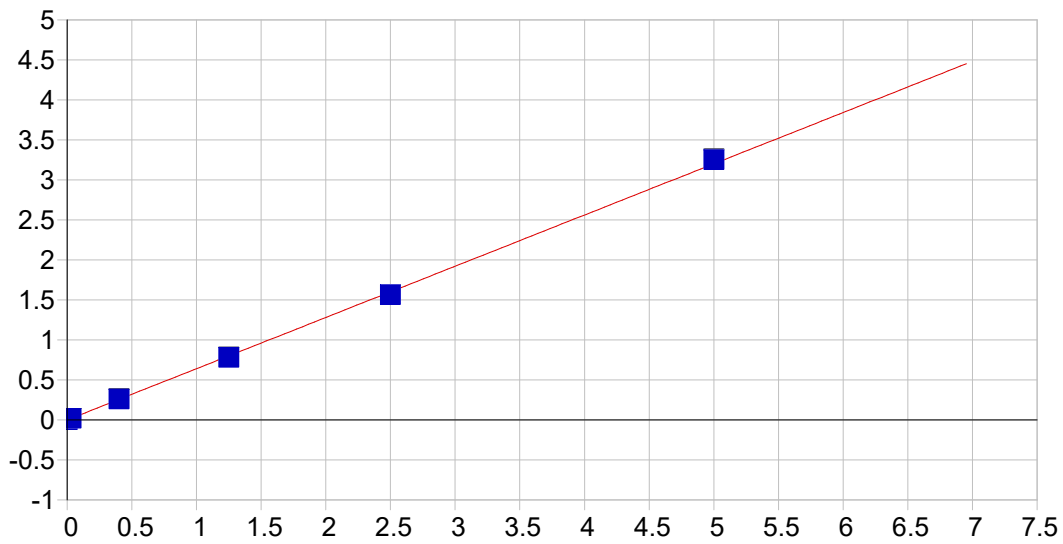


Cr 267.716 {126}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000  
A1 (Gain): 0.164517 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999889 Status: OK.  
Std Error of Est: 0.000018  
Predicted MDL: 0.000345  
Predicted MQL: 0.001149

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00001 | .000    | 1        |
| S1        | .01000       | .01098      | .001       | 9.80    | .00182 | .000    | 1        |
| S3        | .50000       | .49304      | -.007      | -1.39   | .08121 | .000    | 1        |
| S4        | 1.0000       | 1.0179      | .018       | 1.79    | .16764 | .008    | 1        |
| S5        | 2.0000       | 1.9831      | -.017      | -.847   | .32659 | .000    | 1        |
| S2        | .16000       | .16504      | .005       | 3.15    | .02719 | .000    | 1        |

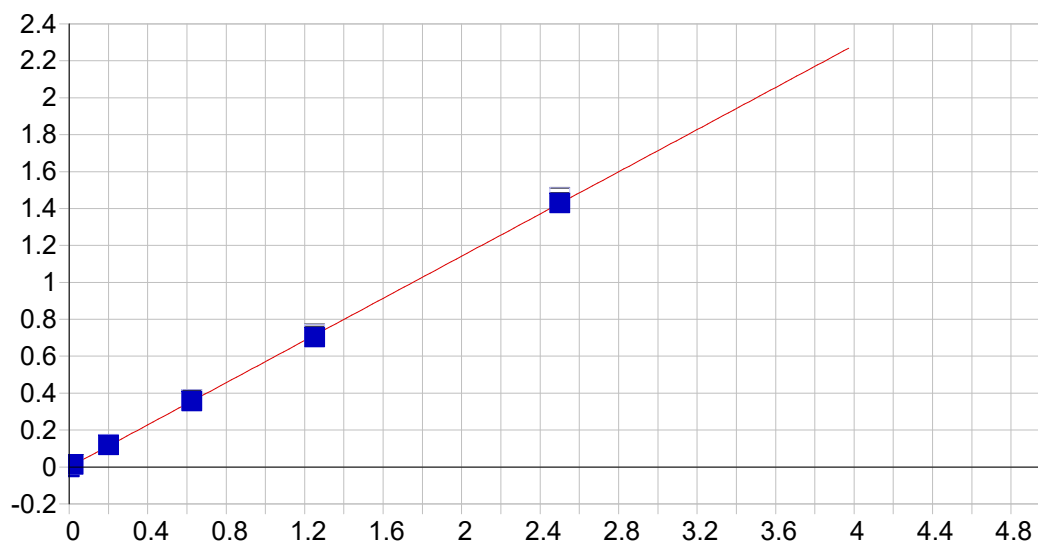


Co 228.616 {448}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000014 Re-Slope: 1.000000  
 A1 (Gain): 0.640310 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999812 Status: OK.  
 Std Error of Est: 0.000253  
 Predicted MDL: 0.000266  
 Predicted MQL: 0.000886

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00002 | .000    | 1        |
| S1        | .03000       | .03278      | .003       | 9.27    | .02092  | .000    | 1        |
| S3        | 1.2500       | 1.2205      | -.029      | -2.36   | .78324  | .000    | 1        |
| S4        | 2.5000       | 2.4443      | -.056      | -2.23   | 1.5686  | .001    | 1        |
| S5        | 5.0000       | 5.0787      | .079       | 1.57    | 3.2589  | .005    | 1        |
| S2        | .40000       | .40369      | .004       | .923    | .25903  | .000    | 1        |

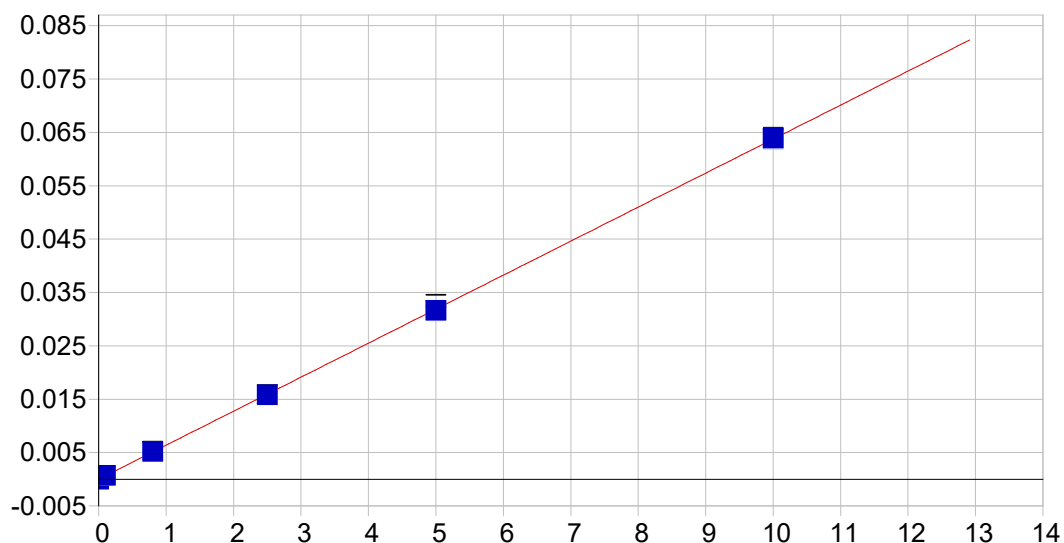


**Cu 224.700 {450}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000376 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.571155  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999879  | Status:   | OK.      |
| Std Error of Est: | 0.000107  |           |          |
| Predicted MDL:    | 0.000438  |           |          |
| Predicted MQL:    | 0.001460  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00038 | .000    | 1        |
| S1        | .02000       | .02307      | .003       | 15.3    | .01302  | .000    | 1        |
| S3        | .62500       | .62564      | .001       | .102    | .36437  | .001    | 1        |
| S4        | 1.2500       | 1.2329      | -.017      | -1.37   | .71860  | .001    | 1        |
| S5        | 2.5000       | 2.5039      | .004       | .157    | 1.4594  | .002    | 1        |
| S2        | .20000       | .20949      | .009       | 4.74    | .12164  | .000    | 1        |

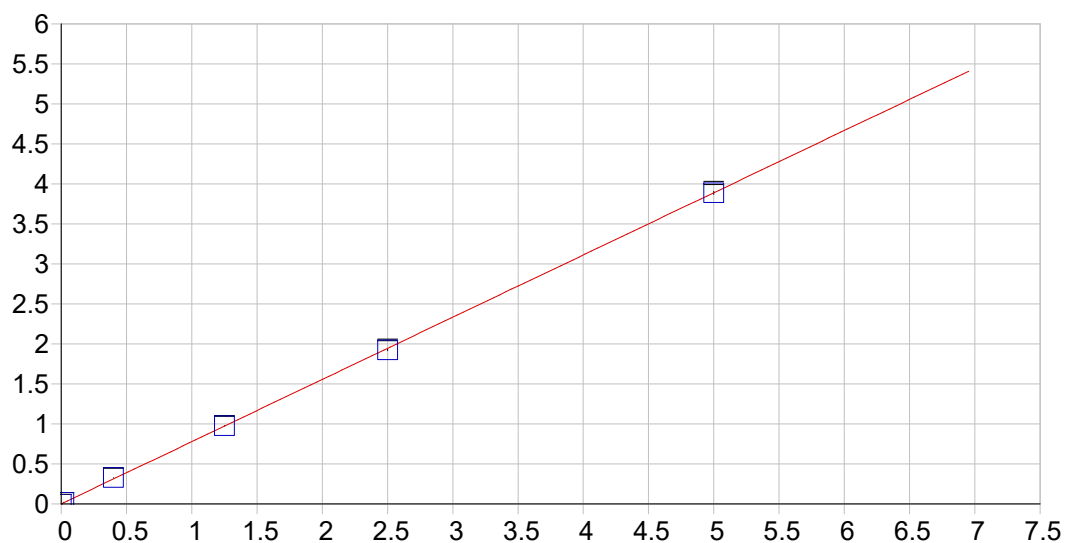


**Fe 240.488 {140}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000001 Re-Slope: 1.000000  
 A1 (Gain): 0.006375 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999935 Status: OK.  
 Std Error of Est: 0.000004  
 Predicted MDL: 0.004595  
 Predicted MQL: 0.015317

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00000 | .000    | 1        |
| S1        | .10000       | .11317      | .013       | 13.2    | .00072 | .000    | 1        |
| S3        | 2.5000       | 2.4793      | -.021      | -.828   | .01574 | .000    | 1        |
| S4        | 5.0000       | 4.9683      | -.032      | -.634   | .03154 | .001    | 1        |
| S5        | 10.000       | 10.027      | .027       | .268    | .06366 | .000    | 1        |
| S2        | .80000       | .81247      | .012       | 1.56    | .00516 | .000    | 1        |

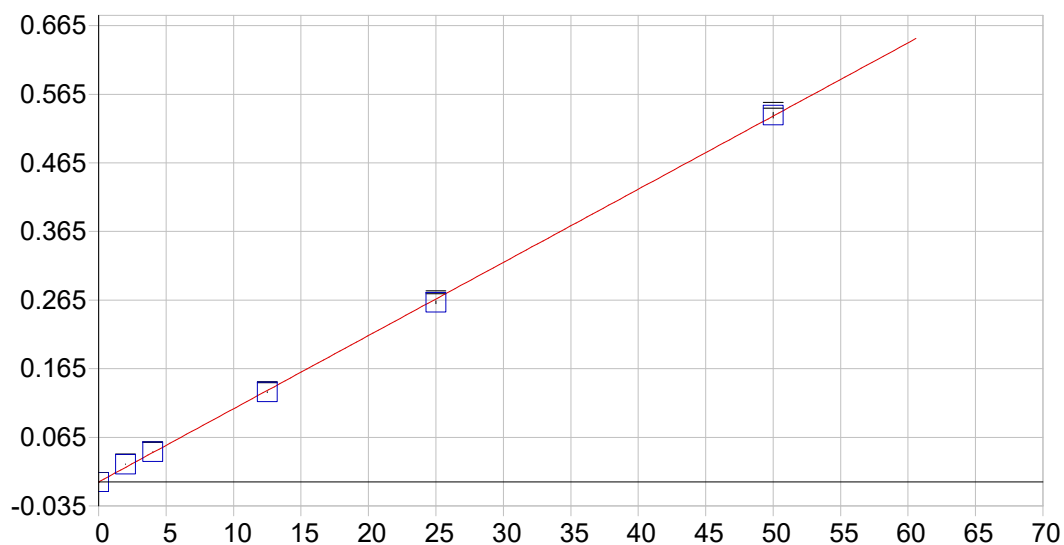


**Mn 257.610 {131}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.000260 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.777887 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999905 | Status:   | OK.      |
| Std Error of Est: | 0.000177 |           |          |
| Predicted MDL:    | 0.000280 |           |          |
| Predicted MQL:    | 0.000933 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .02000       | .02310      | .003       | 15.5    | .01823 | .000    | 1        |
| S3        | 1.2500       | 1.2566      | .007       | .531    | .97778 | .004    | 1        |
| S4        | 2.5000       | 2.4747      | -.025      | -1.01   | 1.9253 | .010    | 1        |
| S5        | 5.0000       | 4.9959      | -.004      | -.081   | 3.8865 | .020    | 1        |
| S2        | .40000       | .41958      | .020       | 4.90    | .32665 | .002    | 1        |



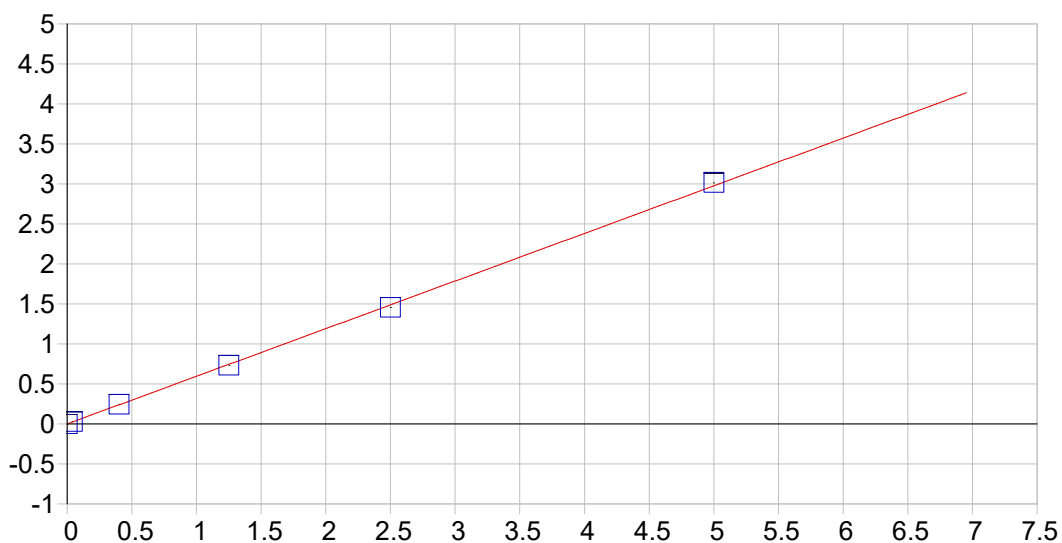
**Mg 279.079 {121}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000114 Re-Slope: 1.000000  
 A1 (Gain): 0.010667 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999435 Status: OK.  
 Std Error of Est: 0.000190  
 Predicted MDL: 0.020126  
 Predicted MQL: 0.067088

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00042     | -.000      | .000    | -.00012 | .000    | 1        |
| S2        | 4.0000       | 4.1134      | .113       | 2.84    | .04376  | .000    | 1        |
| S3        | 12.500       | 12.285      | -.215      | -1.72   | .13093  | .001    | 1        |
| S4        | 25.000       | 24.549      | -.451      | -1.80   | .26175  | .002    | 1        |
| S5        | 50.000       | 50.127      | .127       | .254    | .53458  | .004    | 1        |
| S1        | 2.0000       | 2.4250      | .425       | 21.2    | .02575  | .000    | 1        |



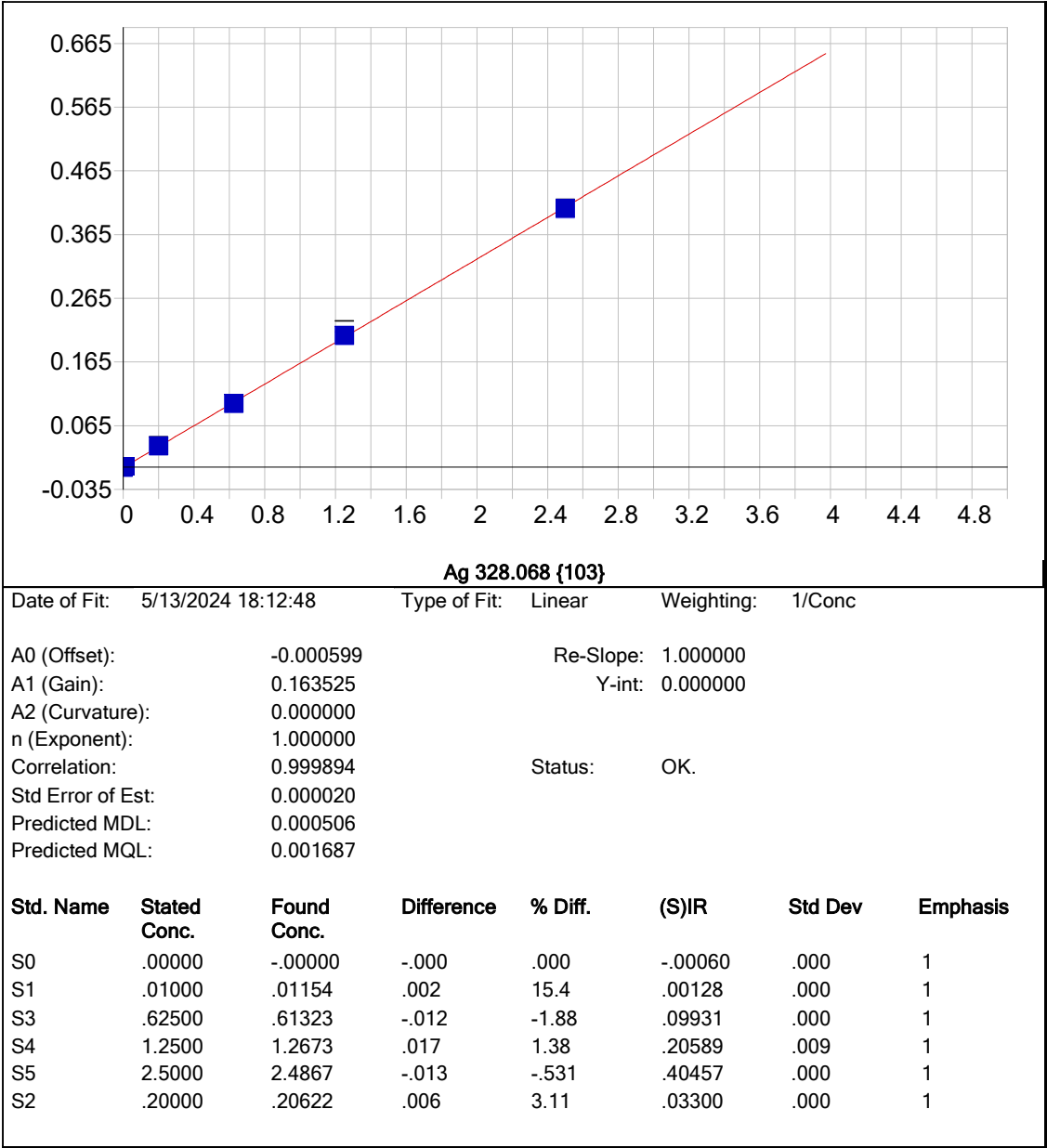


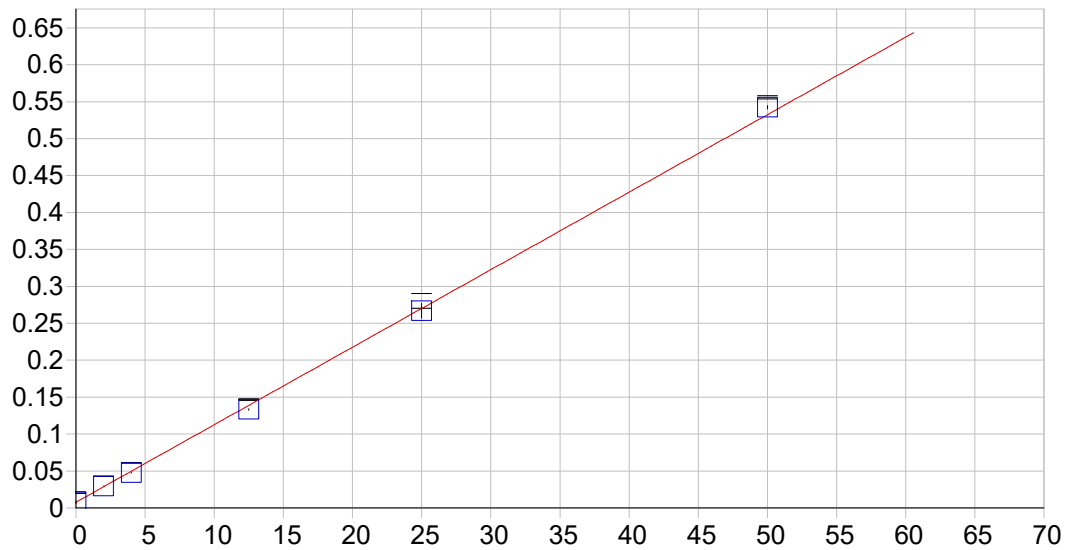
### Ni 231.604 {446}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000105 Re-Slope: 1.000000  
 A1 (Gain): 0.595352 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999842 Status: OK.  
 Std Error of Est: 0.000248  
 Predicted MDL: 0.000344  
 Predicted MQL: 0.001145

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00011 | .000    | 1        |
| S1        | .04000       | .04410      | .004       | 10.3    | .02615  | .000    | 1        |
| S3        | 1.2500       | 1.2293      | -.021      | -1.66   | .73175  | .000    | 1        |
| S4        | 2.5000       | 2.4456      | -.054      | -2.17   | 1.4559  | .001    | 1        |
| S5        | 5.0000       | 5.0631      | .063       | 1.26    | 3.0142  | .004    | 1        |
| S2        | .40000       | .40792      | .008       | 1.98    | .24275  | .000    | 1        |



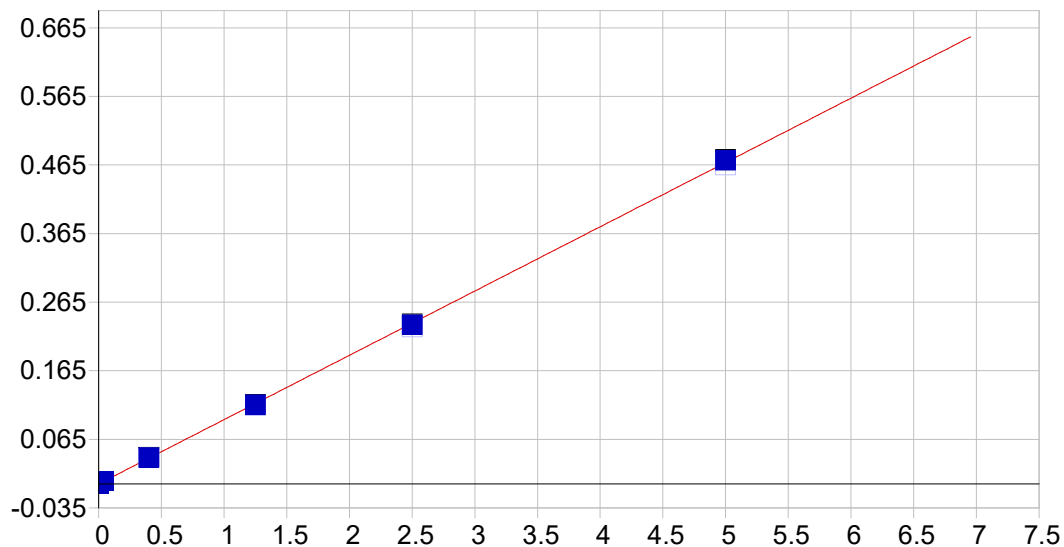


Na 589.592 { 57}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007698 Re-Slope: 1.000000  
A1 (Gain): 0.010495 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999697 Status: OK.  
Std Error of Est: 0.000137  
Predicted MDL: 0.012366  
Predicted MQL: 0.041221

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00010      | .000       | .000    | .00770 | .001    | 1        |
| S2        | 4.0000       | 3.8036      | -.196      | -4.91   | .04762 | .000    | 1        |
| S3        | 12.500       | 11.971      | -.529      | -4.24   | .13333 | .001    | 1        |
| S4        | 25.000       | 24.696      | -.304      | -1.22   | .26689 | .010    | 1        |
| S5        | 50.000       | 50.957      | .957       | 1.91    | .54250 | .002    | 1        |
| S1        | 2.0000       | 2.0729      | .073       | 3.65    | .02945 | .000    | 1        |

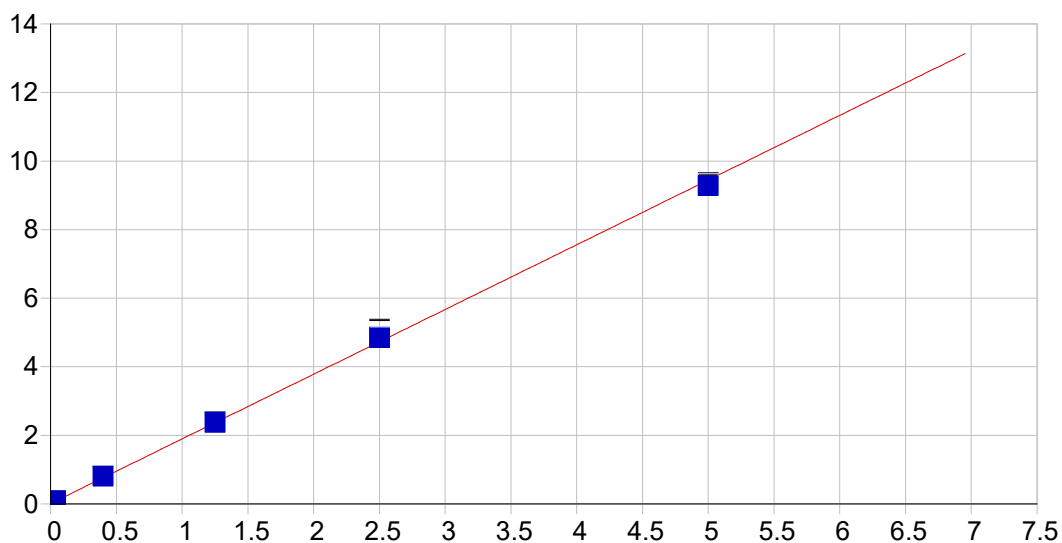


V 292.402 {115}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000023 Re-Slope: 1.000000  
 A1 (Gain): 0.093732 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999909 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.002419  
 Predicted MQL: 0.008062

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00002 | .000    | 1        |
| S1        | .04000       | .04518      | .005       | 12.9    | .00408  | .000    | 1        |
| S3        | 1.2500       | 1.2309      | -.019      | -1.53   | .11367  | .001    | 1        |
| S4        | 2.5000       | 2.4745      | -.026      | -1.02   | .22855  | .001    | 1        |
| S5        | 5.0000       | 5.0304      | .030       | .608    | .46477  | .002    | 1        |
| S2        | .40000       | .40921      | .009       | 2.30    | .03780  | .000    | 1        |

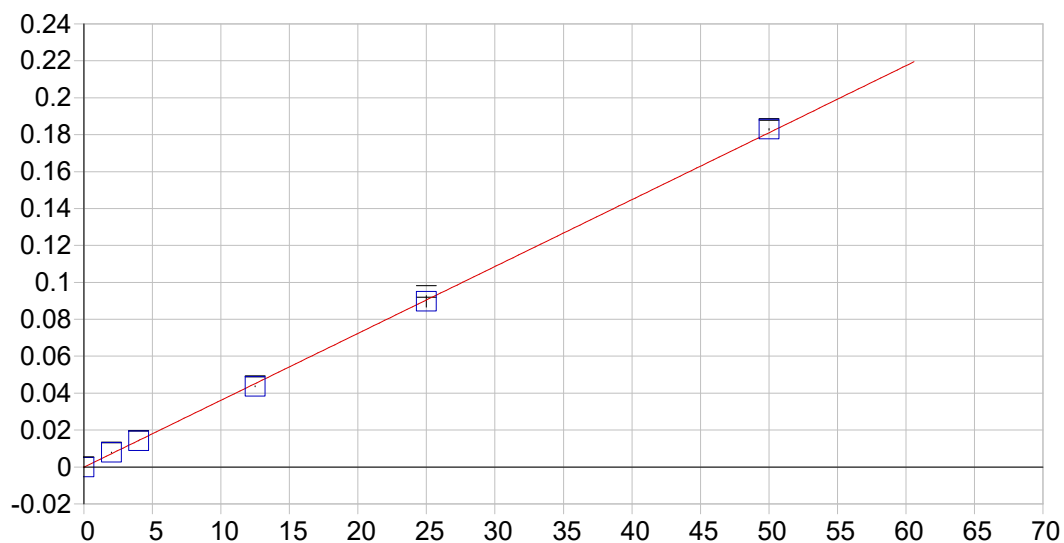


**Zn 213.856 {158}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.008721 Re-Slope: 1.000000  
 A1 (Gain): 1.887506 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999724 Status: OK.  
 Std Error of Est: 0.001050  
 Predicted MDL: 0.000276  
 Predicted MQL: 0.000919

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00870 | .000    | 1        |
| S1        | .04000       | .04642      | .006       | 16.1    | .09694 | .000    | 1        |
| S3        | 1.2500       | 1.2523      | .002       | .185    | 2.3909 | .005    | 1        |
| S4        | 2.5000       | 2.5611      | .061       | 2.45    | 4.8798 | .218    | 1        |
| S5        | 5.0000       | 4.9100      | -.090      | -1.80   | 9.3502 | .021    | 1        |
| S2        | .40000       | .42009      | .020       | 5.02    | .80755 | .002    | 1        |

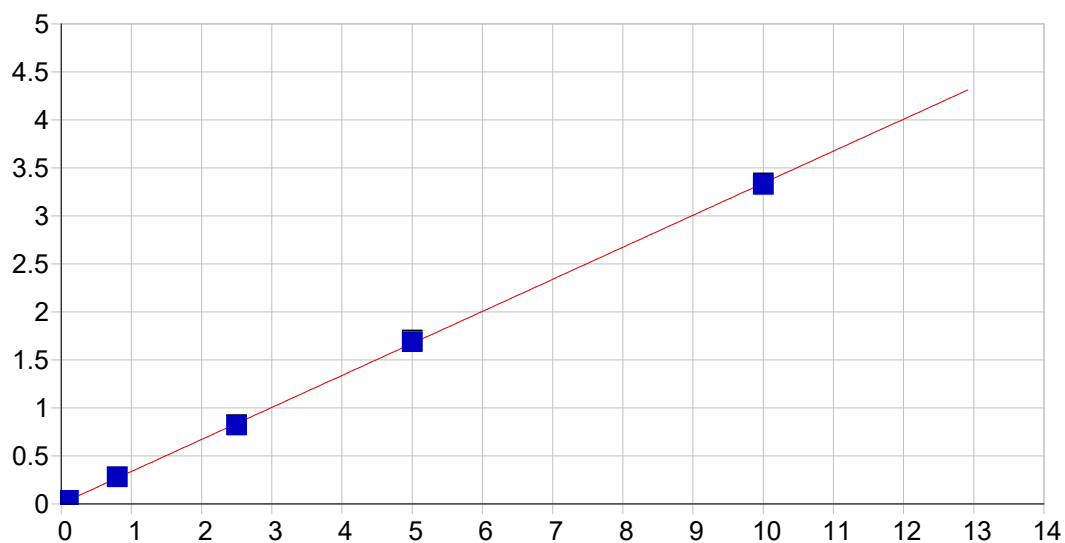


K 766.490 { 44 }

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000090 Re-Slope: 1.000000  
 A1 (Gain): 0.003623 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999765 Status: OK.  
 Std Error of Est: 0.000042  
 Predicted MDL: 0.043171  
 Predicted MQL: 0.143905

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00012     | -.000      | .000    | -.00009 | .000    | 1        |
| S2        | 4.0000       | 3.9480      | -.052      | -1.30   | .01422  | .000    | 1        |
| S3        | 12.500       | 12.076      | -.424      | -3.40   | .04366  | .000    | 1        |
| S4        | 25.000       | 24.767      | -.233      | -.932   | .08965  | .003    | 1        |
| S5        | 50.000       | 50.502      | .502       | 1.00    | .18290  | .000    | 1        |
| S1        | 2.0000       | 2.2077      | .208       | 10.4    | .00791  | .000    | 1        |

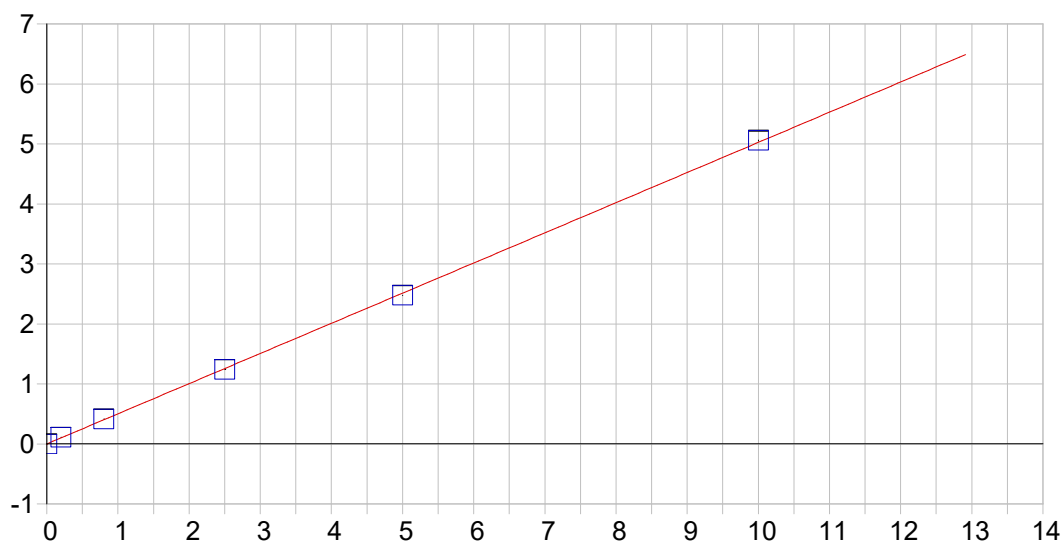


**B 249.678 {135}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.003544 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.333706 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999906 | Status:   | OK.      |
| Std Error of Est: | 0.000240 |           |          |
| Predicted MDL:    | 0.000860 |           |          |
| Predicted MQL:    | 0.002866 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00354 | .000    | 1        |
| S1        | .10000       | .10825      | .008       | 8.25    | .03948 | .001    | 1        |
| S3        | 2.5000       | 2.4481      | -.052      | -2.08   | .81877 | .004    | 1        |
| S4        | 5.0000       | 5.0576      | .058       | 1.15    | 1.6879 | .016    | 1        |
| S5        | 10.000       | 9.9598      | -.040      | -.402   | 3.3203 | .016    | 1        |
| S2        | .80000       | .82619      | .026       | 3.27    | .27870 | .001    | 1        |



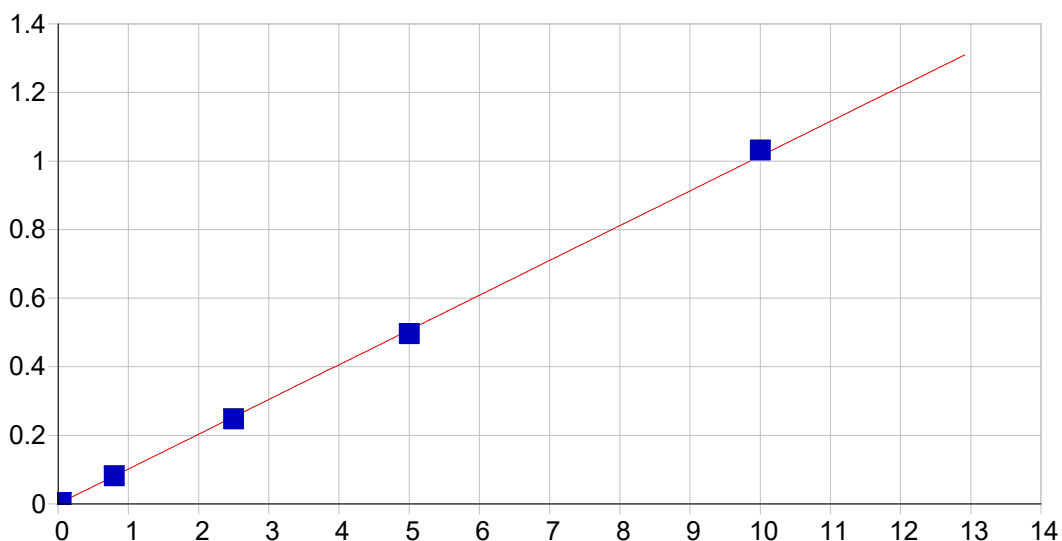
Mo 202.030 {467}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000050 Re-Slope: 1.000000  
 A1 (Gain): 0.502569 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999881 Status: OK.  
 Std Error of Est: 0.000577  
 Predicted MDL: 0.000311  
 Predicted MQL: 0.001036

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | -.00006 | .000    | 1        |
| S1        | .20000       | .21838      | .018       | 9.19    | .10970  | .001    | 1        |
| S3        | 2.5000       | 2.4700      | -.030      | -1.20   | 1.2413  | .001    | 1        |
| S4        | 5.0000       | 4.9241      | -.076      | -1.52   | 2.4747  | .003    | 1        |
| S5        | 10.000       | 10.062      | .062       | .621    | 5.0569  | .008    | 1        |
| S2        | .80000       | .82538      | .025       | 3.17    | .41476  | .001    | 1        |



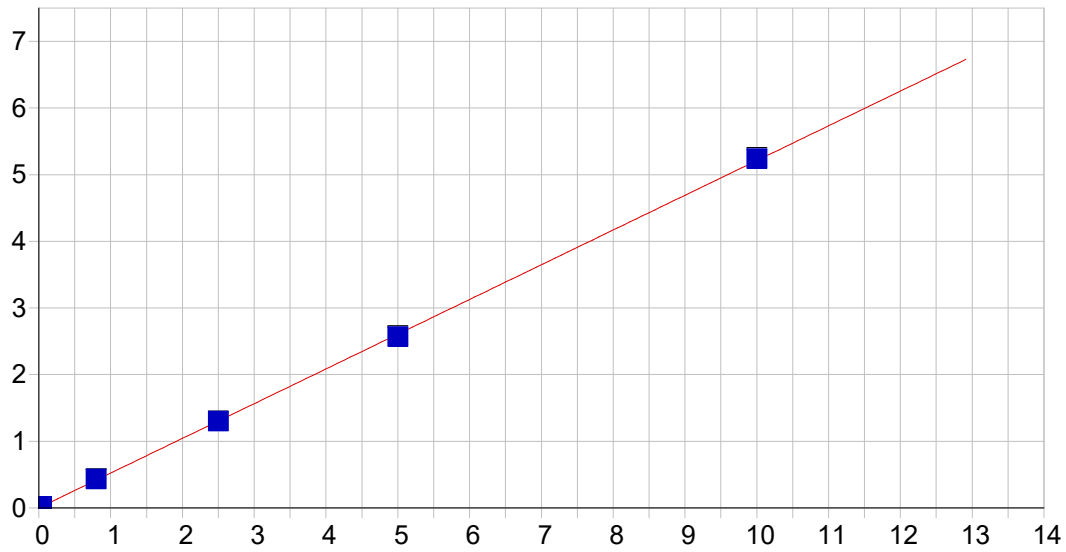


**Sn 189.989 {478}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000292 Re-Slope: 1.000000  
 A1 (Gain): 0.101394 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999817 Status: OK.  
 Std Error of Est: 0.000064  
 Predicted MDL: 0.000913  
 Predicted MQL: 0.003043

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00029 | .000    | 1        |
| S1        | .04000       | .04032      | .000       | .811    | .00437 | .000    | 1        |
| S3        | 2.5000       | 2.4377      | -.062      | -2.49   | .24678 | .000    | 1        |
| S4        | 5.0000       | 4.8927      | -.107      | -2.15   | .49501 | .000    | 1        |
| S5        | 10.000       | 10.168      | .168       | 1.68    | 1.0285 | .001    | 1        |
| S2        | .80000       | .80153      | .002       | .192    | .08134 | .000    | 1        |

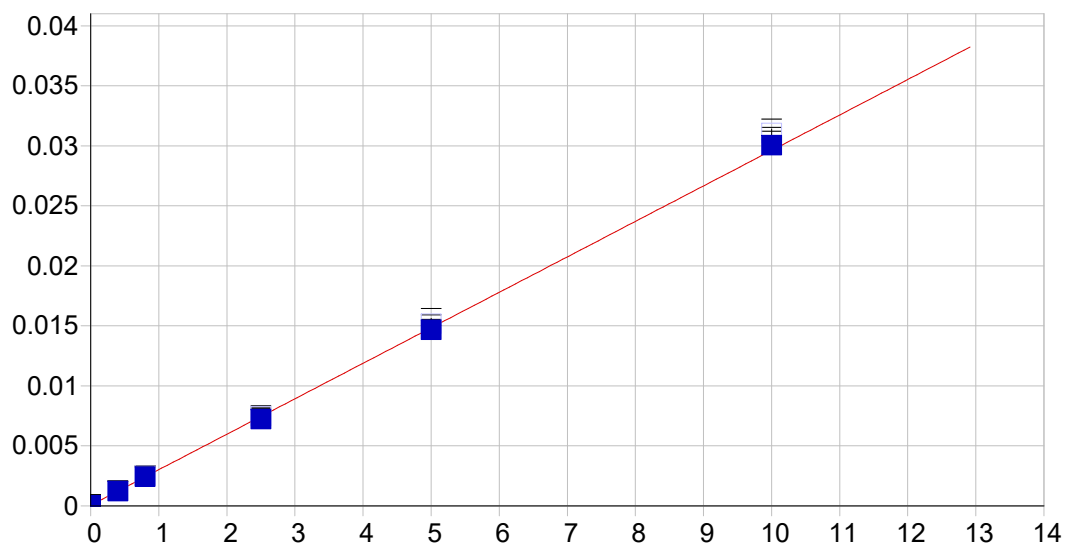


**Ti 336.121 {100}**

Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |          |
|-------------------|----------|-----------|----------|
| A0 (Offset):      | 0.001161 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.521088 | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000 |           |          |
| n (Exponent):     | 1.000000 |           |          |
| Correlation:      | 0.999932 | Status:   | OK.      |
| Std Error of Est: | 0.000202 |           |          |
| Predicted MDL:    | 0.000740 |           |          |
| Predicted MQL:    | 0.002465 |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00116 | .000    | 1        |
| S1        | .04000       | .04253      | .003       | 6.33    | .02332 | .000    | 1        |
| S3        | 2.5000       | 2.4937      | -.006      | -.253   | 1.3011 | .002    | 1        |
| S4        | 5.0000       | 4.9238      | -.076      | -1.52   | 2.5679 | .013    | 1        |
| S5        | 10.000       | 10.053      | .053       | .534    | 5.2418 | .015    | 1        |
| S2        | .80000       | .82657      | .027       | 3.32    | .43204 | .003    | 1        |

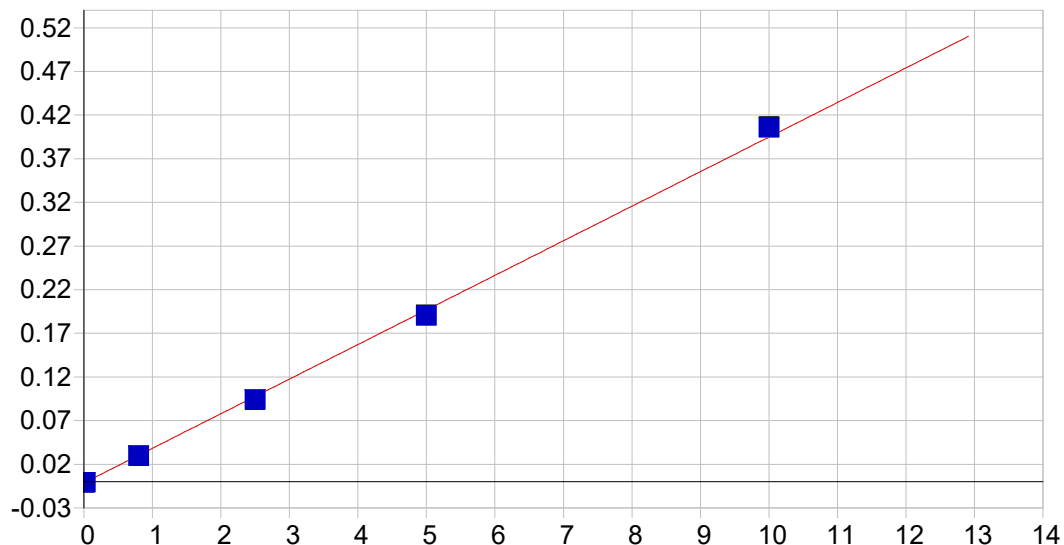


Si 288.158 {117}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000  
A1 (Gain): 0.002955 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999870 Status: OK.  
Std Error of Est: 0.000005  
Predicted MDL: 0.013413  
Predicted MQL: 0.044711

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .40000       | .39707      | -.003      | -.731   | .00124 | .000    | 1        |
| S3        | 2.5000       | 2.4230      | -.077      | -3.08   | .00748 | .000    | 1        |
| S4        | 5.0000       | 4.9382      | -.062      | -1.24   | .01516 | .000    | 1        |
| S5        | 10.000       | 10.143      | .143       | 1.43    | .03106 | .000    | 1        |
| S2        | .80000       | .79855      | -.001      | -.181   | .00250 | .000    | 1        |

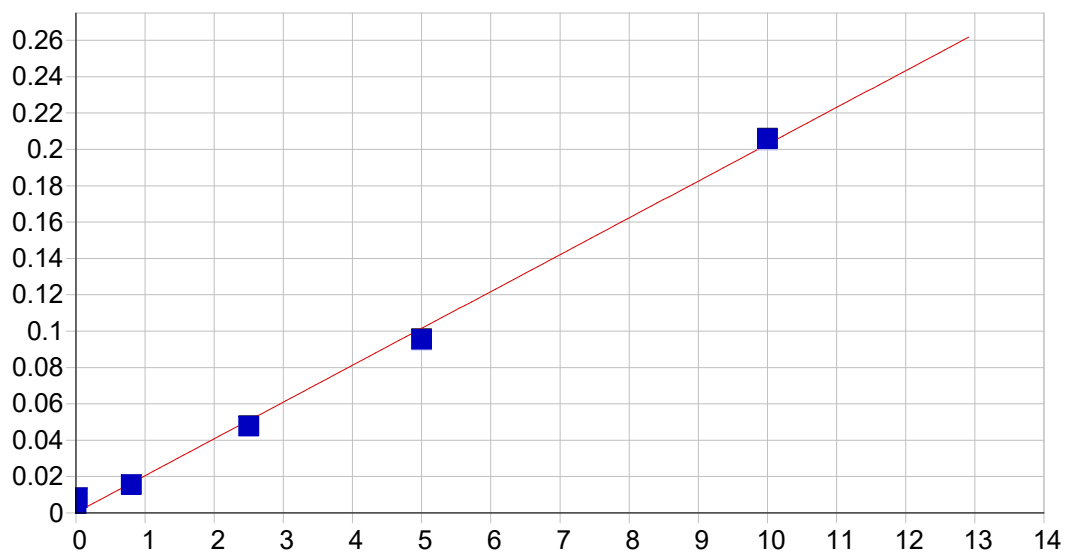


P 177.495 {490}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001298 Re-Slope: 1.000000  
 A1 (Gain): 0.039610 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999540 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.002369  
 Predicted MQL: 0.007896

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00130 | .000    | 1        |
| S1        | .02000       | .01927      | -.001      | -3.66   | -.00053 | .000    | 1        |
| S3        | 2.5000       | 2.4034      | -.097      | -3.86   | .09397  | .000    | 1        |
| S4        | 5.0000       | 4.8397      | -.160      | -3.21   | .19053  | .000    | 1        |
| S5        | 10.000       | 10.276      | .276       | 2.76    | .40598  | .000    | 1        |
| S2        | .80000       | .78194      | -.018      | -2.26   | .02970  | .000    | 1        |

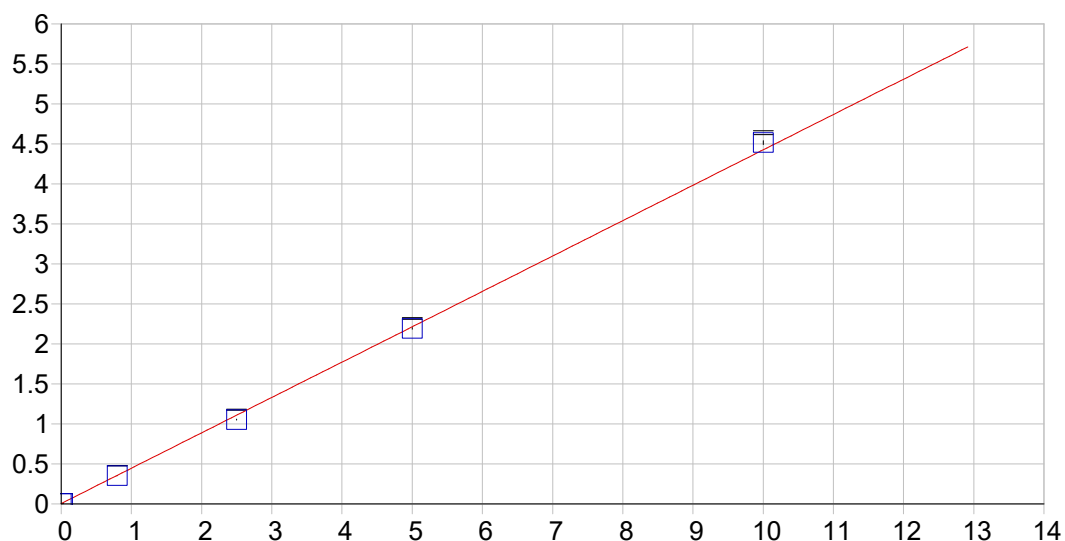


**S 182.034 {485}**

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000248 Re-Slope: 1.000000  
 A1 (Gain): 0.020254 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.848327 Status: OK.  
 Std Error of Est: 0.000295  
 Predicted MDL: 0.004012  
 Predicted MQL: 0.013375

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00037     | -.000      | .000    | .00024 | .000    | 1        |
| S1        | .02000       | .39499      | .375       | 1870.   | .00822 | .000    | 1        |
| S3        | 2.5000       | 2.3421      | -.158      | -6.32   | .04746 | .000    | 1        |
| S4        | 5.0000       | 4.6987      | -.301      | -6.03   | .09496 | .000    | 1        |
| S5        | 10.000       | 10.151      | .151       | 1.51    | .20493 | .000    | 1        |
| S2        | .80000       | .75609      | -.044      | -5.49   | .01549 | .000    | 1        |

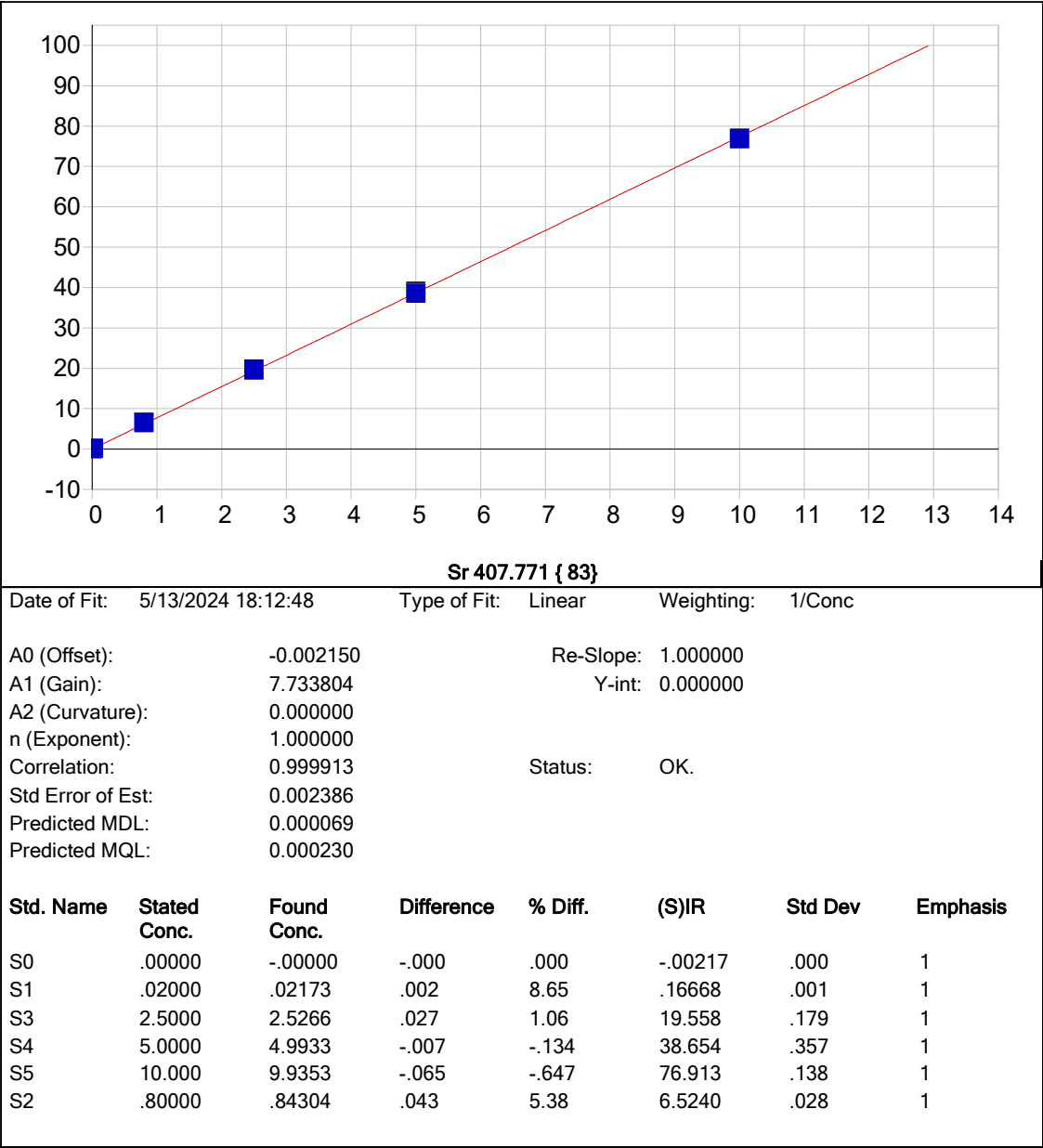


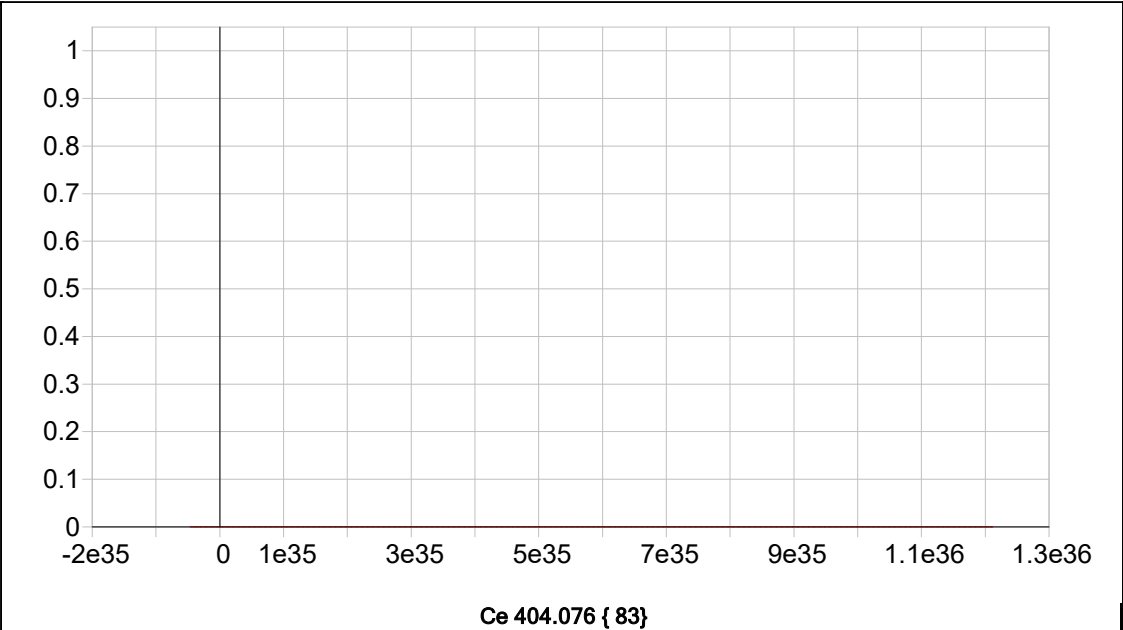
Li 670.784 { 50}

Date of Fit: 5/13/2024 18:12:48 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004138 Re-Slope: 1.000000  
A1 (Gain): 0.442079 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999080 Status: OK.  
Std Error of Est: 0.000445  
Predicted MDL: 0.002363  
Predicted MQL: 0.007877

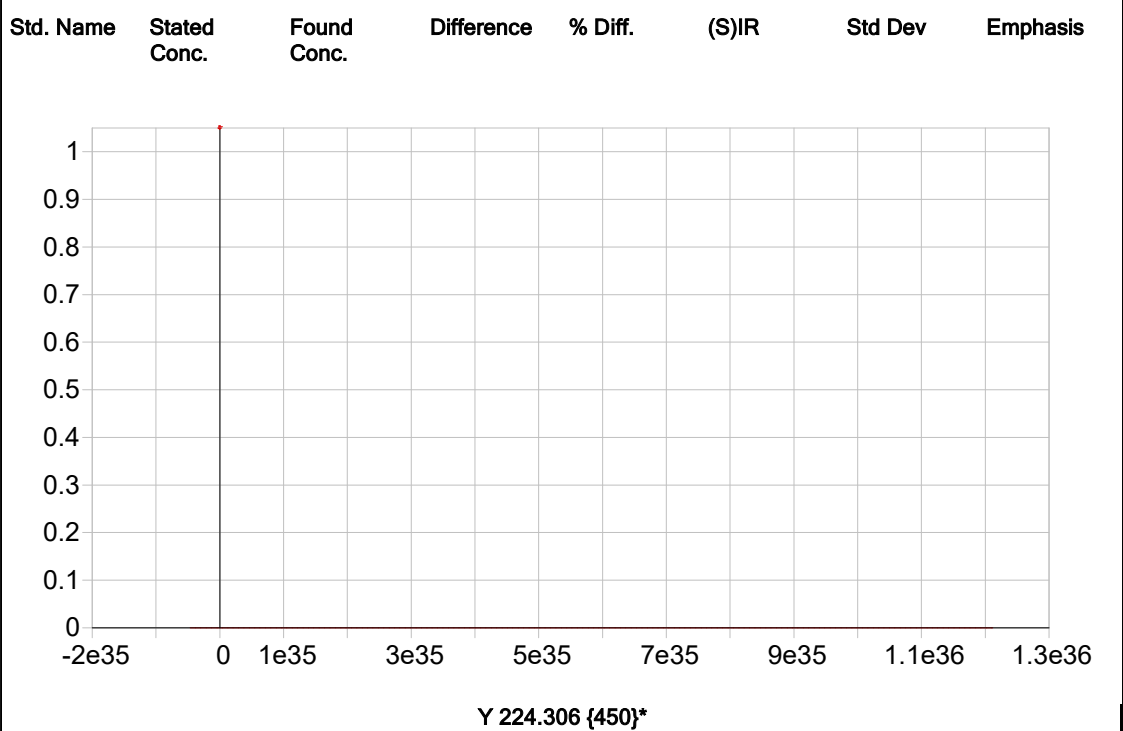
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00002      | .000       | .000    | .00415 | .001    | 1        |
| S5        | 10.000       | 10.204      | .204       | 2.04    | 4.5152 | .025    | 1        |
| S4        | 5.0000       | 4.9527      | -.047      | -.946   | 2.1936 | .011    | 1        |
| S3        | 2.5000       | 2.3733      | -.127      | -5.07   | 1.0533 | .007    | 1        |
| S1        | .02000       | -.00125     | -.021      | -106.   | .00358 | .001    | 1        |
| S2        | .80000       | .79104      | -.009      | -1.12   | .35384 | .002    | 1        |





Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

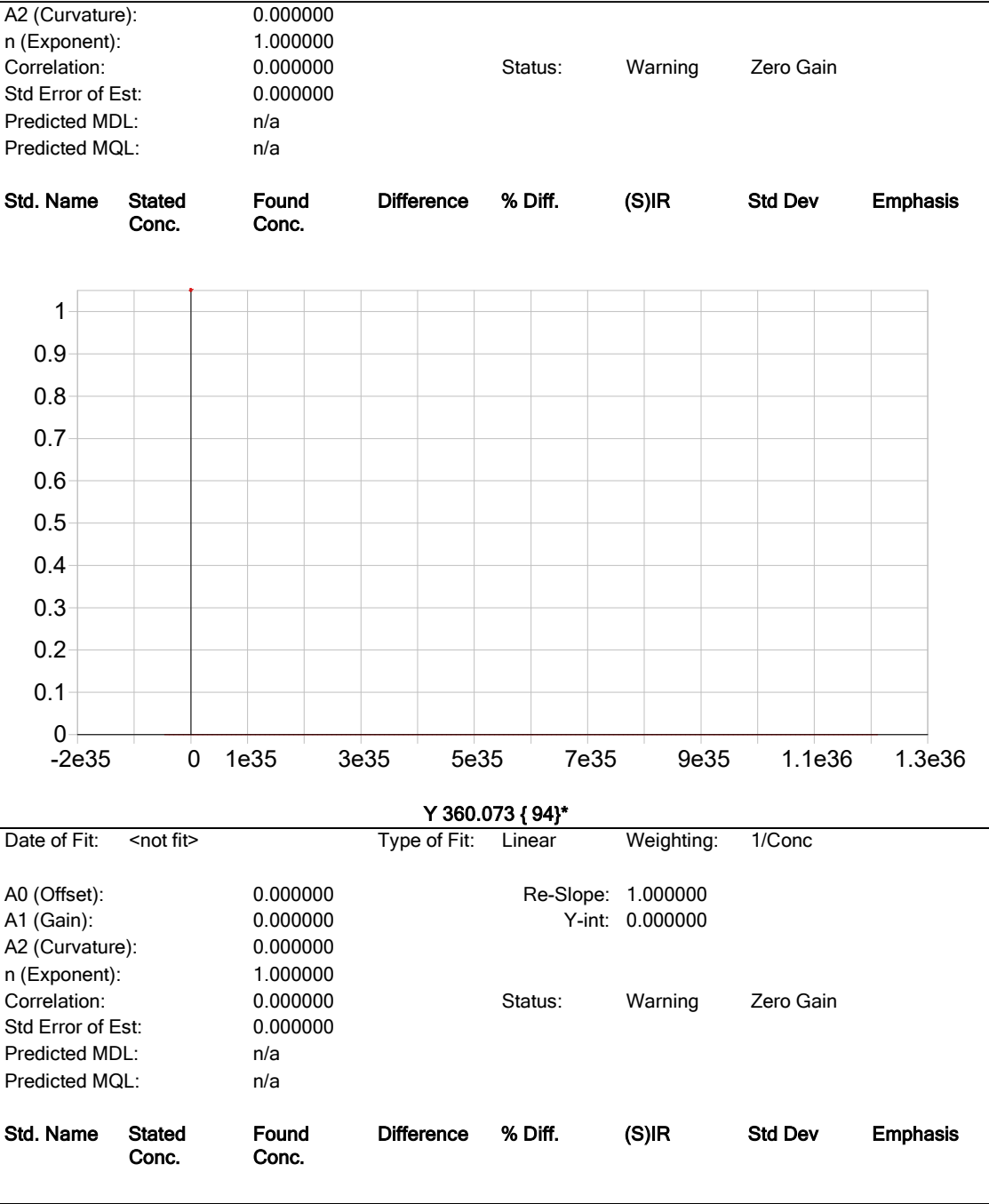
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   | 0.000000 |           |                        |
| n (Exponent):     | 1.000000 |           |                        |
| Correlation:      | 0.000000 | Status:   | Warning      Zero Gain |
| Std Error of Est: | 0.002788 |           |                        |
| Predicted MDL:    | 0.053515 |           |                        |
| Predicted MQL:    | 0.178384 |           |                        |

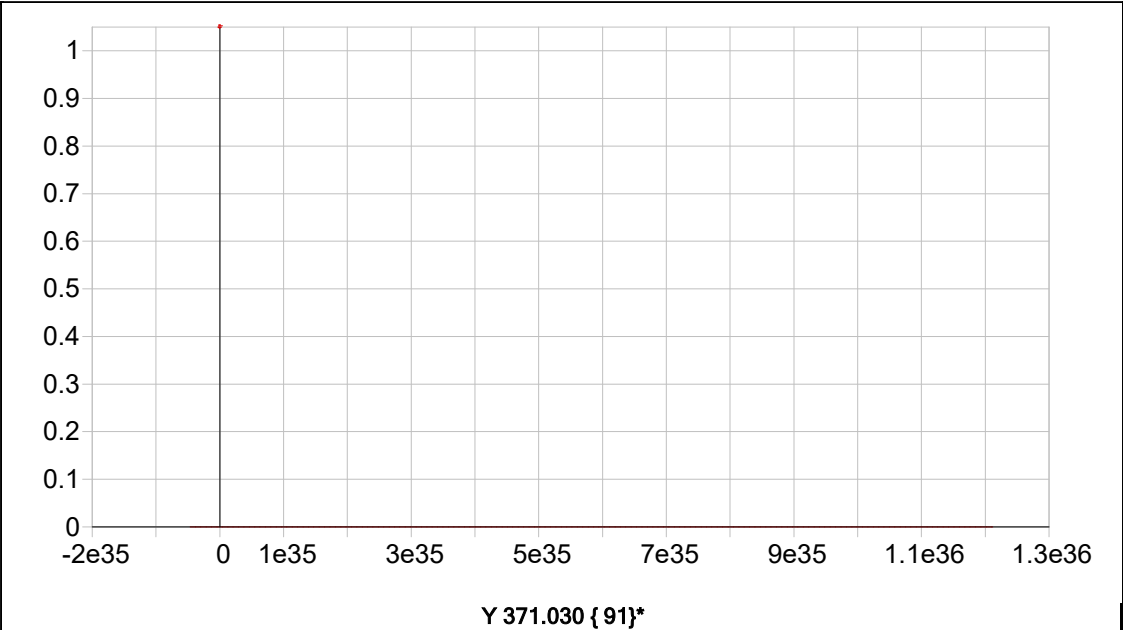


Date of Fit: 5/13/2024 18:12:48      Type of Fit: Linear      Weighting: 1/Conc

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



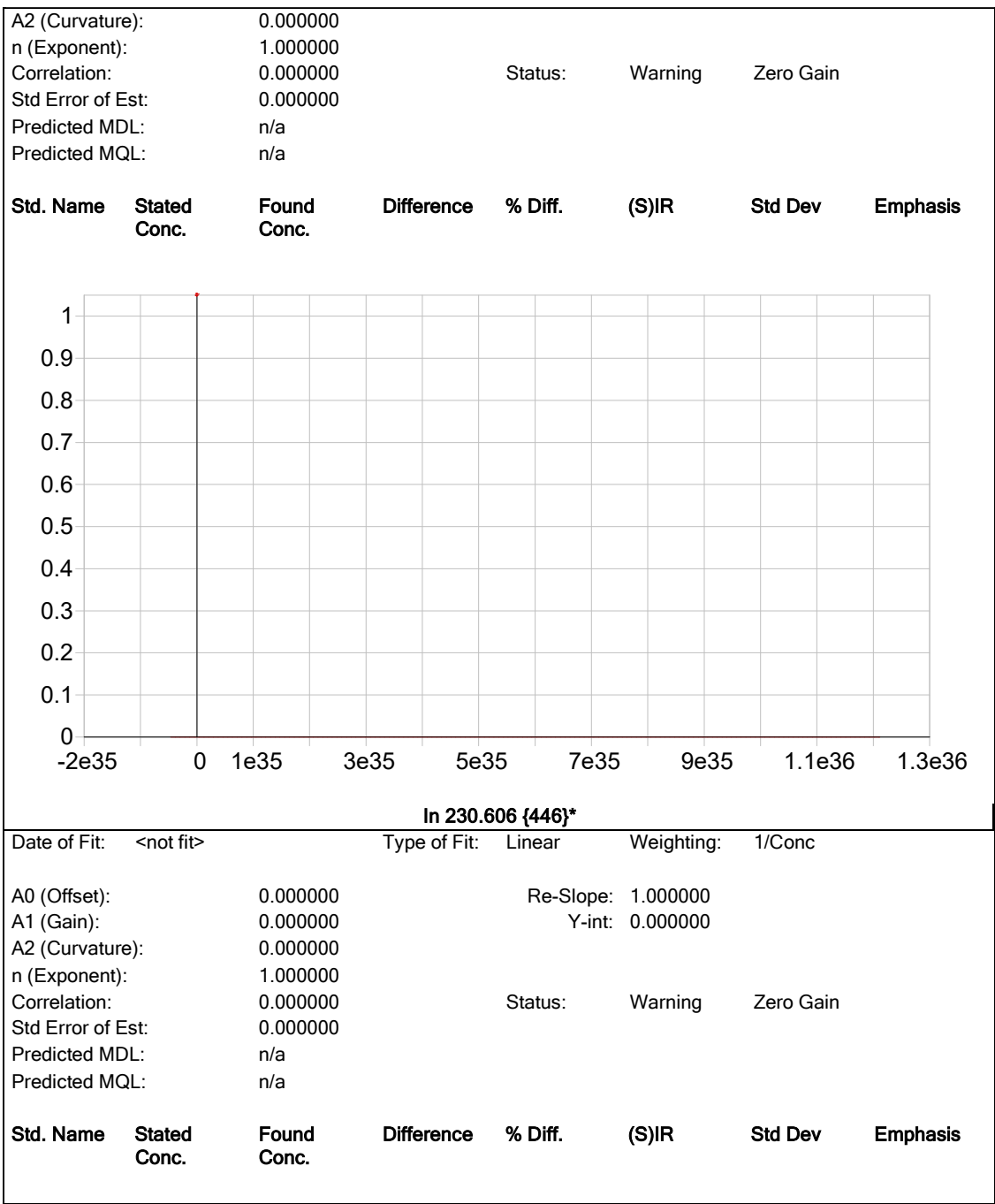




|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

| Std. Name               | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-------------------------|--------------|-------------|------------|---------|-------|---------|----------|
| <p>Y 224.306 {150}*</p> |              |             |            |         |       |         |          |

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



Sample Name: S0      Acquired: 5/13/2024 12:31:26      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | -.00015 | .00014 | .00001 | .00041 | .00023 | .00057 | .01120 | -.00058 |
| Stddev | .00010  | .00004 | .00022 | .00005 | .00013 | .00024 | .00116 | .00002  |
| %RSD   | 68.971  | 25.280 | 1774.2 | 13.285 | 58.787 | 41.261 | 10.332 | 2.6956  |

|    |         |        |         |        |        |        |        |         |
|----|---------|--------|---------|--------|--------|--------|--------|---------|
| #1 | -.00017 | .00012 | -.00003 | .00047 | .00032 | .00034 | .01020 | -.00060 |
| #2 | -.00024 | .00019 | .00025  | .00041 | .00028 | .00081 | .01093 | -.00058 |
| #3 | -.00004 | .00012 | -.00018 | .00036 | .00007 | .00057 | .01246 | -.00058 |

|        |        |        |        |         |         |        |        |         |
|--------|--------|--------|--------|---------|---------|--------|--------|---------|
| 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    | .00004 | .00207 | .00001 | -.00002 | -.00038 | .00000 | .00026 | -.00012 |
| Stddev | .00013 | .00032 | .00003 | .00009  | .00012  | .00003 | .00025 | .00005  |
| %RSD   | 309.00 | 15.318 | 231.58 | 560.39  | 31.984  | 3161.9 | 97.692 | 45.045  |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00002 | .00172 | -.00002 | -.00011 | -.00050 | -.00002 | .00044  | -.00018 |
| #2 | .00020  | .00214 | .00004  | .00001  | -.00038 | .00003  | .00036  | -.00009 |
| #3 | -.00005 | .00234 | .00003  | .00006  | -.00026 | -.00001 | -.00003 | -.00008 |

|        |         |         |        |         |        |         |        |         |
|--------|---------|---------|--------|---------|--------|---------|--------|---------|
| 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    | -.00011 | -.00060 | .00770 | -.00002 | .00870 | -.00009 | .00354 | -.00006 |
| Stddev | .00023  | .00007  | .00149 | .00013  | .00042 | .00012  | .00020 | .00015  |
| %RSD   | 218.99  | 11.820  | 19.291 | 527.83  | 4.7803 | 137.34  | 5.7140 | 247.92  |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | .00016  | -.00062 | .00599 | -.00004 | .00854 | -.00022 | .00340 | -.00003 |
| #2 | -.00018 | -.00052 | .00849 | -.00014 | .00918 | -.00007 | .00377 | -.00022 |
| #3 | -.00030 | -.00066 | .00862 | .00011  | .00840 | .00002  | .00345 | .00007  |

|        |        |        |        |         |        |        |         |  |
|--------|--------|--------|--------|---------|--------|--------|---------|--|
| 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    | .00029 | .00116 | .00006 | -.00130 | .00024 | .00415 | -.00217 |  |
| Stddev | .00005 | .00010 | .00004 | .00005  | .00003 | .00136 | .00027  |  |
| %RSD   | 16.829 | 8.8277 | 62.422 | 3.8965  | 13.050 | 32.752 | 12.494  |  |

|    |        |        |        |         |        |        |         |  |
|----|--------|--------|--------|---------|--------|--------|---------|--|
| #1 | .00024 | .00127 | .00002 | -.00134 | .00024 | .00267 | -.00238 |  |
| #2 | .00033 | .00113 | .00008 | -.00130 | .00027 | .00443 | -.00187 |  |
| #3 | .00031 | .00108 | .00008 | -.00124 | .00021 | .00535 | -.00227 |  |

Sample Name: S0      Acquired: 5/13/2024 12:31:26      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3850.2 | 76484. | 10406. | 3225.2 | 4765.2 |
| Stddev    | 2.9    | 233.   | 467.   | 3.3    | 3.6    |
| %RSD      | .07635 | .30465 | 4.4918 | .10349 | .07480 |
| #1        | 3847.8 | 76242. | 10914. | 3221.6 | 4761.3 |
| #2        | 3849.3 | 76504. | 10310. | 3228.2 | 4768.3 |
| #3        | 3853.5 | 76707. | 9993.5 | 3226.0 | 4766.0 |

Sample Name: S1      Acquired: 5/13/2024 12:35:52      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | .00052 | .00285 | .00238 | .00174 | .00464 | .00719 | .27173 | .02302 |
| Stddev | .00006 | .00005 | .00016 | .00011 | .00011 | .00034 | .00153 | .00021 |
| %RSD   | 11.135 | 1.8252 | 6.7120 | 6.0639 | 2.3911 | 4.6900 | .56273 | .91770 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00058 | .00291 | .00225 | .00175 | .00461 | .00682 | .27322 | .02279 |
| #2 | .00050 | .00280 | .00256 | .00163 | .00454 | .00728 | .27017 | .02309 |
| #3 | .00047 | .00284 | .00234 | .00184 | .00476 | .00747 | .27180 | .02319 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .01323 | .10852 | .00182 | .02092 | .01302 | .00072 | .01823 | .02575 |
| Stddev | .00018 | .00071 | .00006 | .00016 | .00022 | .00004 | .00028 | .00030 |
| %RSD   | 1.3791 | .65048 | 3.3842 | .74861 | 1.6930 | 5.7512 | 1.5393 | 1.1688 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01312 | .10822 | .00185 | .02086 | .01293 | .00074 | .01830 | .02605 |
| #2 | .01344 | .10801 | .00175 | .02081 | .01287 | .00067 | .01792 | .02575 |
| #3 | .01314 | .10933 | .00187 | .02110 | .01328 | .00075 | .01847 | .02545 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .02615 | .00128 | .02945 | .00408 | .09694 | .00791 | .03948 | .10970 |
| Stddev | .00009 | .00003 | .00005 | .00019 | .00046 | .00016 | .00053 | .00056 |
| %RSD   | .33270 | 2.1739 | .15677 | 4.5516 | .47684 | 1.9947 | 1.3314 | .50800 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02620 | .00128 | .02951 | .00388 | .09703 | .00798 | .03893 | .10928 |
| #2 | .02605 | .00125 | .02943 | .00411 | .09735 | .00802 | .03952 | .10949 |
| #3 | .02621 | .00131 | .02943 | .00424 | .09644 | .00773 | .03998 | .11033 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| 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    | .00437 | .02332 | .00124 | -.00053 | .00822 | .00358 | .16668 |  |
| Stddev | .00005 | .00023 | .00001 | .00006  | .00007 | .00052 | .00114 |  |
| %RSD   | 1.1026 | .99660 | .80200 | 10.538  | .84210 | 14.532 | .68185 |  |

|    |        |        |        |         |        |        |        |  |
|----|--------|--------|--------|---------|--------|--------|--------|--|
| #1 | .00434 | .02355 | .00123 | -.00051 | .00830 | .00356 | .16797 |  |
| #2 | .00442 | .02308 | .00125 | -.00060 | .00818 | .00308 | .16585 |  |
| #3 | .00434 | .02333 | .00123 | -.00049 | .00818 | .00412 | .16621 |  |

Sample Name: S1      Acquired: 5/13/2024 12:35:52      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3870.4 | 76590. | 10064. | 3229.3 | 4771.3 |
| Stddev    | 8.3    | 267.   | 33.    | 1.0    | 5.1    |
| %RSD      | .21473 | .34809 | .33125 | .03151 | .10640 |
| #1        | 3879.0 | 76293. | 10025. | 3230.1 | 4777.2 |
| #2        | 3869.7 | 76665. | 10083. | 3229.7 | 4768.3 |
| #3        | 3862.5 | 76810. | 10082. | 3228.1 | 4768.4 |

Sample Name: S2      Acquired: 5/13/2024 12:40:17      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | .02262 | .05549 | .14183 | .04850 | .06900 | .09572 | 3.8316 | .14746 |
| Stddev | .00017 | .00029 | .00018 | .00025 | .00015 | .00108 | .0167  | .00046 |
| %RSD   | .73579 | .52820 | .12643 | .52281 | .21957 | 1.1292 | .43646 | .31215 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02278 | .05581 | .14175 | .04875 | .06907 | .09458 | 3.8204 | .14732 |
| #2 | .02245 | .05541 | .14170 | .04850 | .06883 | .09587 | 3.8236 | .14708 |
| #3 | .02263 | .05524 | .14203 | .04825 | .06910 | .09672 | 3.8508 | .14797 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .78313 | .19542 | .02719 | .25903 | .12164 | .00516 | .32665 | .04376 |
| Stddev | .00220 | .00074 | .00006 | .00035 | .00040 | .00006 | .00180 | .00024 |
| %RSD   | .28052 | .37767 | .20902 | .13359 | .33095 | 1.1677 | .55068 | .55270 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78108 | .19488 | .02726 | .25872 | .12118 | .00519 | .32635 | .04351 |
| #2 | .78286 | .19512 | .02714 | .25898 | .12182 | .00509 | .32502 | .04379 |
| #3 | .78545 | .19626 | .02718 | .25940 | .12193 | .00520 | .32858 | .04399 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .24275 | .03300 | .04762 | .03780 | .80755 | .01422 | .27870 | .41476 |
| Stddev | .00030 | .00007 | .00029 | .00015 | .00223 | .00015 | .00102 | .00114 |
| %RSD   | .12351 | .20398 | .60946 | .40794 | .27562 | 1.0708 | .36573 | .27594 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24256 | .03306 | .04742 | .03783 | .81012 | .01409 | .27987 | .41463 |
| #2 | .24260 | .03293 | .04748 | .03763 | .80628 | .01417 | .27800 | .41368 |
| #3 | .24310 | .03303 | .04795 | .03793 | .80624 | .01439 | .27823 | .41596 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .08134 | .43204 | .00250 | .02970 | .01549 | .35384 | 6.5240 |  |
| Stddev | .00032 | .00303 | .00000 | .00010 | .00008 | .00227 | .0284  |  |
| %RSD   | .39288 | .70022 | .17614 | .33432 | .53102 | .64161 | .43547 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .08101 | .43037 | .00250 | .02969 | .01543 | .35326 | 6.5097 |  |
| #2 | .08138 | .43020 | .00251 | .02980 | .01558 | .35191 | 6.5055 |  |
| #3 | .08165 | .43553 | .00250 | .02960 | .01546 | .35634 | 6.5567 |  |



Sample Name: S2      Acquired: 5/13/2024 12:40:17      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3813.2 | 75703. | 9977.3 | 3191.6 | 4650.1 |
| Stddev    | 9.8    | 132.   | 19.1   | 7.0    | 9.0    |
| %RSD      | .25701 | .17378 | .19157 | .21928 | .19339 |
| #1        | 3813.8 | 75572. | 9958.3 | 3183.6 | 4654.8 |
| #2        | 3822.6 | 75701. | 9996.5 | 3194.8 | 4655.7 |
| #3        | 3803.1 | 75835. | 9976.9 | 3196.4 | 4639.7 |

Sample Name: S3      Acquired: 5/13/2024 12:44:30      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | .06924 | .16739 | .42917 | .14577 | .20794 | .28939 | 11.436 | .43611 |
| Stddev | .00008 | .00098 | .00027 | .00047 | .00065 | .00082 | .040   | .00154 |
| %RSD   | .12023 | .58823 | .06354 | .32416 | .31039 | .28229 | .35151 | .35238 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06915 | .16626 | .42931 | .14531 | .20754 | .29030 | 11.472 | .43658 |
| #2 | .06928 | .16781 | .42934 | .14573 | .20759 | .28873 | 11.443 | .43439 |
| #3 | .06930 | .16809 | .42885 | .14626 | .20868 | .28915 | 11.393 | .43735 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.3619 | .58443 | .08121 | .78324 | .36437 | .01574 | .97778 | .13093 |
| Stddev | .0020  | .00025 | .00017 | .00036 | .00055 | .00000 | .00387 | .00079 |
| %RSD   | .08630 | .04351 | .21044 | .04540 | .15188 | .02484 | .39594 | .60403 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3638 | .58431 | .08135 | .78340 | .36391 | .01574 | .98192 | .13126 |
| #2 | 2.3598 | .58425 | .08126 | .78283 | .36421 | .01575 | .97425 | .13003 |
| #3 | 2.3622 | .58472 | .08102 | .78349 | .36498 | .01574 | .97718 | .13151 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .73175 | .09931 | .13333 | .11367 | 2.3909 | .04366 | .81877 | 1.2413 |
| Stddev | .00043 | .00028 | .00110 | .00053 | .0046  | .00023 | .00446 | .0005  |
| %RSD   | .05905 | .27708 | .82288 | .46483 | .19272 | .52759 | .54469 | .04157 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73205 | .09907 | .13356 | .11427 | 2.3860 | .04346 | .82166 | 1.2410 |
| #2 | .73195 | .09961 | .13430 | .11330 | 2.3915 | .04391 | .81363 | 1.2410 |
| #3 | .73125 | .09925 | .13214 | .11343 | 2.3952 | .04362 | .82101 | 1.2419 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .24678 | 1.3011 | .00748 | .09397 | .04746 | 1.0533 | 19.558 |
| Stddev | .00032 | .0020  | .00005 | .00015 | .00014 | .0067  | .179   |
| %RSD   | .13104 | .15236 | .69324 | .15859 | .28515 | .63584 | .91306 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24660 | 1.3026 | .00748 | .09380 | .04734 | 1.0594 | 19.455 |
| #2 | .24658 | 1.2988 | .00753 | .09402 | .04743 | 1.0545 | 19.454 |
| #3 | .24715 | 1.3019 | .00742 | .09408 | .04760 | 1.0461 | 19.764 |

Sample Name: S3      Acquired: 5/13/2024 12:44:30      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3737.2 | 75124. | 10113. | 3136.8 | 4498.8 |
| Stddev    | 5.0    | 149.   | 49.    | 2.0    | 5.8    |
| %RSD      | .13322 | .19788 | .47994 | .06366 | .12812 |
| #1        | 3732.2 | 74966. | 10077. | 3134.8 | 4492.5 |
| #2        | 3742.1 | 75145. | 10169. | 3138.8 | 4503.8 |
| #3        | 3737.4 | 75260. | 10094. | 3136.7 | 4500.0 |

Sample Name: S4      Acquired: 5/13/2024 12:48:46      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | .13727 | .33349 | .85851 | .28725 | .41408 | .57406 | 22.870 | .90010 |
| Stddev | .00016 | .00069 | .00126 | .00021 | .00063 | .00386 | .121   | .01008 |
| %RSD   | .11652 | .20706 | .14707 | .07361 | .15311 | .67258 | .52827 | 1.1204 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13743 | .33420 | .85892 | .28715 | .41450 | .57559 | 22.830 | .91014 |
| #2 | .13727 | .33345 | .85709 | .28749 | .41335 | .57692 | 23.005 | .90020 |
| #3 | .13711 | .33282 | .85951 | .28711 | .41439 | .56967 | 22.773 | .88997 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.7481 | 1.1530 | .16764 | 1.5686 | .71860 | .03154 | 1.9253 | .26175 |
| Stddev | .0030  | .0060  | .00790 | .0008  | .00115 | .00114 | .0095  | .00210 |
| %RSD   | .06374 | .51760 | 4.7145 | .05026 | .15952 | 3.6164 | .49518 | .80399 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7490 | 1.1522 | .17674 | 1.5695 | .71884 | .03286 | 1.9251 | .26090 |
| #2 | 4.7447 | 1.1594 | .16360 | 1.5681 | .71736 | .03081 | 1.9350 | .26414 |
| #3 | 4.7506 | 1.1475 | .16257 | 1.5683 | .71961 | .03096 | 1.9159 | .26020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4559 | .20589 | .26689 | .22855 | 4.8798 | .08965 | 1.6879 | 2.4747 |
| Stddev | .0007  | .00877 | .00983 | .00137 | .2178  | .00313 | .0160  | .0033  |
| %RSD   | .04803 | 4.2584 | 3.6849 | .59789 | 4.4638 | 3.4917 | .94903 | .13192 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4562 | .21601 | .27820 | .22950 | 5.1309 | .09325 | 1.7047 | 2.4760 |
| #2 | 1.4551 | .20120 | .26210 | .22917 | 4.7674 | .08816 | 1.6860 | 2.4709 |
| #3 | 1.4564 | .20047 | .26036 | .22699 | 4.7411 | .08754 | 1.6729 | 2.4770 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .49501 | 2.5679 | .01516 | .19053 | .09496 | 2.1936 | 38.654 |  |
| Stddev | .00026 | .0134  | .00045 | .00035 | .00027 | .0107  | .357   |  |
| %RSD   | .05339 | .52324 | 2.9476 | .18525 | .28428 | .48975 | .92253 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .49472 | 2.5704 | .01568 | .19032 | .09521 | 2.2011 | 38.912 |  |
| #2 | .49523 | 2.5799 | .01494 | .19094 | .09499 | 2.1985 | 38.802 |  |
| #3 | .49509 | 2.5534 | .01487 | .19033 | .09467 | 2.1813 | 38.247 |  |

Sample Name: S4      Acquired: 5/13/2024 12:48:46      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3716.6 | 71778. | 9743.5 | 3014.3 | 4423.2 |
| Stddev    | 4.4    | 2640.  | 52.1   | 109.9  | 3.3    |
| %RSD      | .11877 | 3.6779 | .53495 | 3.6463 | .07402 |
| #1        | 3712.7 | 68745. | 9721.3 | 2888.0 | 4419.5 |
| #2        | 3721.4 | 73028. | 9706.2 | 3066.1 | 4424.2 |
| #3        | 3715.8 | 73560. | 9803.1 | 3088.6 | 4425.8 |

Sample Name: S5      Acquired: 5/13/2024 12:53:07      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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    | .28525 | .69401 | 1.7775 | .59598 | .85418 | 1.1695 | 45.570 | 1.7340 |
| Stddev | .00054 | .00139 | .0027  | .00039 | .00146 | .0048  | .288   | .0077  |
| %RSD   | .18907 | .20009 | .15125 | .06598 | .17092 | .41341 | .63100 | .44624 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28509 | .69461 | 1.7769 | .59628 | .85472 | 1.1662 | 45.702 | 1.7349 |
| #2 | .28481 | .69499 | 1.7752 | .59553 | .85252 | 1.1673 | 45.240 | 1.7258 |
| #3 | .28585 | .69242 | 1.7805 | .59612 | .85528 | 1.1751 | 45.768 | 1.7412 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.8364 | 2.3282 | .32659 | 3.2589 | 1.4594 | .06366 | 3.8865 | .53458 |
| Stddev | .0081  | .0048  | .00031 | .0049  | .0020  | .00016 | .0205  | .00411 |
| %RSD   | .08291 | .20424 | .09353 | .14943 | .13487 | .25760 | .52719 | .76908 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.8308 | 2.3281 | .32673 | 3.2583 | 1.4594 | .06349 | 3.8775 | .53301 |
| #2 | 9.8326 | 2.3235 | .32681 | 3.2544 | 1.4574 | .06381 | 3.8721 | .53148 |
| #3 | 9.8457 | 2.3330 | .32624 | 3.2641 | 1.4613 | .06370 | 3.9100 | .53924 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.0142 | .40457 | .54250 | .46477 | 9.3502 | .18290 | 3.3203 | 5.0569 |
| Stddev | .0043  | .00047 | .00203 | .00159 | .0211  | .00044 | .0162  | .0077  |
| %RSD   | .14374 | .11498 | .37422 | .34307 | .22586 | .23878 | .48799 | .15148 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0126 | .40433 | .54027 | .46476 | 9.3287 | .18247 | 3.3207 | 5.0588 |
| #2 | 3.0109 | .40510 | .54425 | .46318 | 9.3512 | .18334 | 3.3039 | 5.0484 |
| #3 | 3.0191 | .40426 | .54298 | .46637 | 9.3709 | .18288 | 3.3363 | 5.0634 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.0285 | 5.2418 | .03106 | .40598 | .20493 | 4.5152 | 76.913 |  |
| Stddev | .0008  | .0151  | .00035 | .00043 | .00025 | .0245  | .138   |  |
| %RSD   | .07318 | .28871 | 1.1422 | .10622 | .12158 | .54362 | .17991 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.0286 | 5.2333 | .03065 | .40585 | .20499 | 4.5028 | 76.910 |  |
| #2 | 1.0277 | 5.2329 | .03129 | .40564 | .20465 | 4.4993 | 76.776 |  |
| #3 | 1.0292 | 5.2593 | .03123 | .40647 | .20514 | 4.5435 | 77.053 |  |

Sample Name: S5      Acquired: 5/13/2024 12:53:07      Type: Cal  
Method: NON EPA-6010-200.7(v2283)      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       | 3602.7 | 73308. | 9936.9 | 3037.9 | 4184.8 |
| Stddev    | 4.9    | 130.   | 37.0   | 4.5    | 4.1    |
| %RSD      | .13585 | .17737 | .37223 | .14661 | .09679 |
| #1        | 3599.5 | 73264. | 9920.0 | 3042.8 | 4184.4 |
| #2        | 3608.3 | 73205. | 9979.3 | 3036.9 | 4189.1 |
| #3        | 3600.1 | 73454. | 9911.4 | 3034.0 | 4181.0 |

Sample Name: ICV01      Acquired: 5/13/2024 12:57:36      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | 1.078387 | 1.061608 | 1.050952 | 1.071846 | 1.021069 | 2.725666 |
| Stddev | .007603  | .003236  | .002599  | .004537  | .005785  | .013912  |
| %RSD   | .7050413 | .3048301 | .2473113 | .4233123 | .5665885 | .5104030 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.070314 | 1.059617 | 1.053058 | 1.071008 | 1.020434 | 2.711092 |
| #2 | 1.079434 | 1.059864 | 1.048047 | 1.067786 | 1.015627 | 2.738804 |
| #3 | 1.085412 | 1.065342 | 1.051750 | 1.076744 | 1.027145 | 2.727103 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5557638 | .5529795 | .5278699 | 10.83192 | .5459434 | .5394897 |
| Stddev | .0024469 | .0037365 | .0002014 | .05517   | .0002809 | .0009842 |
| %RSD   | .4402733 | .6757100 | .0381520 | .5093274 | .0514462 | .1824280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5536149 | .5509502 | .5278019 | 10.79213 | .5462674 | .5389962 |
| #2 | .5584269 | .5572915 | .5280965 | 10.89490 | .5457919 | .5388500 |
| #3 | .5552496 | .5506966 | .5277113 | 10.80874 | .5457707 | .5406230 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5555683 | 10.35323 | .5570702 | 6.349379 | .5421436 | .2657694 |
| Stddev | .0014398 | .05809   | .0018848 | .039274  | .0008039 | .0003193 |
| %RSD   | .2591589 | .5611128 | .3383438 | .6185454 | .1482828 | .1201608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5539819 | 10.32901 | .5552163 | 6.304229 | .5427869 | .2658081 |
| #2 | .5559307 | 10.31118 | .5589845 | 6.375632 | .5412424 | .2654324 |
| #3 | .5567922 | 10.41952 | .5570099 | 6.368277 | .5424014 | .2660676 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.807687 | .5355931 | 1.073484 | 10.07260 | F .0176799 | 2.662763 |
| Stddev | .057558  | .0045944 | .005501  | .04909   | .0006110   | .007756  |
| %RSD   | .5868677 | .8578246 | .5124254 | .4874109 | 3.456126   | .2912820 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.770279 | .5311393 | 1.068034 | 10.03576 | .0183247 | 2.659412 |
| #2 | 9.778816 | .5403163 | 1.073384 | 10.05370 | .0171095 | 2.657246 |
| #3 | 9.873967 | .5353237 | 1.079034 | 10.12834 | .0176056 | 2.671631 |



Sample Name: ICV01      Acquired: 5/13/2024 12:57:36      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | F <b>-.001142</b> | F <b>.0000950</b> | F <b>-.003569</b> | F <b>-.003974</b> | F <b>-.003467</b> | F <b>-.001849</b> |
| Stddev | .001005           | .0006480          | .003894           | .001019           | .001210           | .001472           |
| %RSD   | 87.97673          | 681.7679          | 109.1201          | 25.63767          | 34.89809          | 79.63016          |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001096 | -.000633 | -.005449 | -.005016 | -.002357 | -.001591 |
| #2 | -.000161 | .000609  | -.006166 | -.003924 | -.004757 | -.000523 |
| #3 | -.002170 | .000309  | .000909  | -.002981 | -.003287 | -.003433 |

| Elem   | Sr4077            | Ce4040   |
|--------|-------------------|----------|
| Units  | ppm               | Cts/S    |
| Avg    | F <b>-.008674</b> | zF ***** |
| Stddev | .000101           | -----    |
| %RSD   | 1.164051          | -----    |

|    |          |            |
|----|----------|------------|
| #1 | -.008572 | z 2475.724 |
| #2 | -.008675 | z 2477.794 |
| #3 | -.008774 | z 2475.000 |

| Int. Std. | Y_2243          | Y_3600          | Y_3710          | Y_2243          | In2306          |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>3778.977</b> | <b>76008.10</b> | <b>9935.330</b> | <b>3186.437</b> | <b>4591.801</b> |
| Stddev    | 1.500           | 132.09          | 75.620          | 7.442           | 6.989           |
| %RSD      | .0396827        | .1737835        | .7611261        | .2335509        | .1522000        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3780.344 | 75864.17 | 9940.439 | 3194.857 | 4584.881 |
| #2 | 3777.373 | 76036.34 | 9857.285 | 3183.715 | 4591.663 |
| #3 | 3779.213 | 76123.78 | 10008.27 | 3180.739 | 4598.857 |

Sample Name: LLICV01      Acquired: 5/13/2024 13:08:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0254371 | .0431157 | .0148744 | .0214558 | .0525842 | .1069926 |
| Stddev | .0034134 | .0009132 | .0014093 | .0030111 | .0016028 | .0072374 |
| %RSD   | 13.41889 | 2.117969 | 9.474668 | 14.03402 | 3.048044 | 6.764426 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0241791 | .0434232 | .0152940 | .0248795 | .0509036 | .0986428 |
| #2 | .0228312 | .0420885 | .0160264 | .0192187 | .0540958 | .1114687 |
| #3 | .0293009 | .0438355 | .0133030 | .0202693 | .0527532 | .1108665 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1141594 | .0067166 | .0067310 | 2.289381 | .0111001 | .0331007 |
| Stddev | .0005986 | .0001455 | .0001084 | .011033  | .0001899 | .0001995 |
| %RSD   | .5243209 | 2.165823 | 1.610797 | .4819212 | 1.711162 | .6025554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1140458 | .0067269 | .0067575 | 2.279455 | .0110114 | .0332662 |
| #2 | .1136257 | .0065662 | .0066118 | 2.287428 | .0113182 | .0331566 |
| #3 | .1148066 | .0068566 | .0068237 | 2.301260 | .0109707 | .0328792 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230393 | .1199963 | .0232107 | 2.375176 | .0444864 | .0115664 |
| Stddev | .0002260 | .0040784 | .0004126 | .008914  | .0001503 | .0003776 |
| %RSD   | .9809648 | 3.398772 | 1.777722 | .3752964 | .3377987 | 3.264848 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0227822 | .1153431 | .0236000 | 2.365908 | .0445078 | .0111328 |
| #2 | .0232066 | .1229505 | .0232539 | 2.383687 | .0443266 | .0118232 |
| #3 | .0231290 | .1216954 | .0227782 | 2.375932 | .0446249 | .0117431 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.952827 | .0440788 | .0499945 | 2.202769 | .1107702 | .2206233 |
| Stddev | .021066  | .0018279 | .0002313 | .030725  | .0004514 | .0003892 |
| %RSD   | 1.078734 | 4.146878 | .4626480 | 1.394821 | .4075412 | .1764296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.931969 | .0434517 | .0498075 | 2.192136 | .1112332 | .2209622 |
| #2 | 1.974094 | .0426470 | .0499229 | 2.237398 | .1107461 | .2207095 |
| #3 | 1.952416 | .0461377 | .0502532 | 2.178774 | .1103313 | .2201982 |

Sample Name: LLICV01      Acquired: 5/13/2024 13:08:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0397014 | .0416333 | .4016383 | .0206596 | F .3989575 | F -.001106 |
| Stddev | .0007661 | .0009229 | .0084858 | .0012797 | .0029708   | .000846    |
| %RSD   | 1.929716 | 2.216680 | 2.112783 | 6.193990 | .7446502   | 76.45543   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0392955 | .0425980 | .4031489 | .0218541 | .3979456 | -.000298 |
| #2 | .0392236 | .0407589 | .4092673 | .0193091 | .4023021 | -.001036 |
| #3 | .0405850 | .0415430 | .3924987 | .0208158 | .3966248 | -.001985 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0217552 | z ***** |
| Stddev | .0001577 | -----   |
| %RSD   | .7249758 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0218368 | z 2613.954 |
| #2 | .0215734 | z 2616.807 |
| #3 | .0218554 | z 2636.141 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3824.427 | 75670.49 | 10148.38 | 3182.456 | 4706.494 |
| Stddev    | 6.731    | 123.96   | 81.16    | 10.523   | 5.952    |
| %RSD      | .1759896 | .1638163 | .7997058 | .3306466 | .1264568 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3817.199 | 75591.23 | 10110.82 | 3170.962 | 4701.185 |
| #2 | 3825.570 | 75606.90 | 10241.51 | 3184.789 | 4712.928 |
| #3 | 3830.514 | 75813.34 | 10092.79 | 3191.616 | 4705.369 |

Sample Name: ICB01      Acquired: 5/13/2024 13:12:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0036836 | -.000181 | .0009190 | -.001290 | .0003609 | -.007063 | -.000101 |
| Stddev | .0044675 | .000369  | .0002762 | .002209  | .0012970 | .005130  | .000657  |
| %RSD   | 121.2825 | 203.5512 | 30.05714 | 171.2369 | 359.3723 | 72.62531 | 647.9938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002204 | -.000562 | .0008514 | -.003137 | -.000803 | -.001783 | .000539  |
| #2 | .0021040 | .000174  | .0012227 | .001157  | .000127  | -.012028 | -.000774 |
| #3 | .0087263 | -.000155 | .0006829 | -.001890 | .001759  | -.007378 | -.000070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | .0000087 | -.004854 | .0000059 | .0000403 | .0001000 | -.001345 |
| Stddev | .000049  | .0000650 | .007887  | .0003326 | .0003272 | .0003512 | .003778  |
| %RSD   | 100.1219 | 749.2823 | 162.4623 | 5663.780 | 812.3701 | 351.2549 | 280.9078 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000098 | .0000451 | .002234  | -.000231 | .0003023 | .0003308 | -.002979 |
| #2 | .000000  | .0000473 | -.013350 | .000386  | -.000326 | .0002733 | .002975  |
| #3 | -.000050 | -.000066 | -.003447 | -.000137 | .000145  | -.000304 | -.004031 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000004 | .0002200 | -.000083 | -.000058 | -.310789 | -.001633 | -.000007 |
| Stddev | .0002460 | .0081354 | .000441  | .000307  | .017273  | .001882  | .000197  |
| %RSD   | 63462.09 | 3698.576 | 529.4534 | 530.6832 | 5.557690 | 115.2376 | 2852.281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000273 | .0026032 | -.000132 | -.000341 | -.329868 | .000528  | .000161  |
| #2 | .000071  | -.008841 | .000380  | -.000100 | -.296216 | -.002907 | -.000224 |
| #3 | .000203  | .006898  | -.000498 | .000268  | -.306283 | -.002521 | .000042  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0309538 | -.000087 | .0000581 | -.000375 | -.000600 | .0129084 | .0008228 |
| Stddev | .0548290 | .000276  | .0002890 | .000433  | .000638  | .0013573 | .0022377 |
| %RSD   | 177.1316 | 318.0493 | 497.7089 | 115.4915 | 106.2868 | 10.51514 | 271.9805 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.029435 | -.000229 | .0003878 | -.000813 | -.001045 | .0139973 | .0019520 |
| #2 | .077614  | -.000263 | -.000151 | -.000364 | .000131  | .0133401 | -.001755 |
| #3 | .044683  | .000231  | -.000062 | .000052  | -.000885 | .0113877 | .002271  |

Sample Name: ICB01      Acquired: 5/13/2024 13:12:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0017264 | -.003166 | .0000179 | z ***** |
| Stddev | .0013905 | .000692  | .0000423 | -----   |
| %RSD   | 80.54389 | 21.87094 | 236.8107 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0018830 | -.002721 | .0000073 | z 2392.131 |
| #2 | .0002642 | -.003964 | .0000644 | z 2382.644 |
| #3 | .0030319 | -.002814 | -.000018 | z 2397.032 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3800.573 | 75838.46 | 9914.565 | 3190.390 | 4680.802 |
| Stddev    | 2.736    | 227.62   | 24.332   | 19.843   | 8.993    |
| %RSD      | .0719935 | .3001436 | .2454189 | .6219547 | .1921347 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3797.820 | 75785.53 | 9907.071 | 3178.075 | 4670.423 |
| #2 | 3800.607 | 75641.96 | 9941.762 | 3179.814 | 4685.716 |
| #3 | 3803.292 | 76087.88 | 9894.861 | 3213.280 | 4686.269 |

Sample Name: CRI01      Acquired: 5/13/2024 13:44:07      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0254642 | .0418188 | .0138116 | .0193973 | .0517469 | .0992810 |
| Stddev | .0025577 | .0008435 | .0010324 | .0022136 | .0008652 | .0141868 |
| %RSD   | 10.04436 | 2.017126 | 7.474648 | 11.41176 | 1.672004 | 14.28954 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0284004 | .0408968 | .0149240 | .0168686 | .0526260 | .0968041 |
| #2 | .0242720 | .0425517 | .0128844 | .0209843 | .0517183 | .0864958 |
| #3 | .0237202 | .0420079 | .0136264 | .0203389 | .0508963 | .1145432 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1097295 | .0063888 | .0065596 | 2.209084 | .0106977 | .0324337 |
| Stddev | .0105279 | .0004496 | .0000785 | .226980  | .0005937 | .0001802 |
| %RSD   | 9.594365 | 7.037644 | 1.196293 | 10.27485 | 5.549734 | .5556442 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1129858 | .0065349 | .0066215 | 2.279950 | .0100302 | .0322288 |
| #2 | .0979582 | .0058842 | .0065859 | 1.955126 | .0108962 | .0325046 |
| #3 | .1182445 | .0067471 | .0064713 | 2.392178 | .0111667 | .0325676 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0229987 | .1165424 | .0226597 | 2.317463 | .0437276 | .0113268 |
| Stddev | .0002692 | .0016701 | .0023621 | .233071  | .0002815 | .0002128 |
| %RSD   | 1.170590 | 1.433049 | 10.42407 | 10.05714 | .6437960 | 1.878612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0231786 | .1146146 | .0232756 | 2.383715 | .0434161 | .0115724 |
| #2 | .0231282 | .1174638 | .0200507 | 2.058439 | .0439638 | .0111989 |
| #3 | .0226892 | .1175488 | .0246528 | 2.510235 | .0438028 | .0112090 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.974049 | .0427516 | .0459344 | 2.155901 | .0989723 | .2182638 |
| Stddev | .045302  | .0049592 | .0003408 | .030141  | .0088216 | .0003402 |
| %RSD   | 2.294896 | 11.60007 | .7418585 | 1.398060 | 8.913238 | .1558819 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.974085 | .0448987 | .0463148 | 2.128577 | .1017560 | .2183845 |
| #2 | 1.928729 | .0370806 | .0458313 | 2.150893 | .0890946 | .2185273 |
| #3 | 2.019334 | .0462754 | .0456571 | 2.188232 | .1060663 | .2178797 |

Sample Name: CRI01      Acquired: 5/13/2024 13:44:07      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0401203 | .0411033 | .3896940 | .0209015 | F .3892586 | F -.003344 |
| Stddev | .0005446 | .0039205 | .0053733 | .0007859 | .0038501   | .000715    |
| %RSD   | 1.357492 | 9.538093 | 1.378841 | 3.759868 | .9890757   | 21.39154   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0396160 | .0430220 | .3899840 | .0209538 | .3934338 | -.002717 |
| #2 | .0406978 | .0365930 | .3841816 | .0200908 | .3884934 | -.003191 |
| #3 | .0400470 | .0436948 | .3949164 | .0216600 | .3858485 | -.004123 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0209979 | Z ***** |
| Stddev | .0020207 | -----   |
| %RSD   | 9.623528 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0215675 | Z 2616.630 |
| #2 | .0187535 | Z 2603.800 |
| #3 | .0226727 | Z 2610.224 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3819.075 | 76563.57 | 10540.71 | 3201.453 | 4713.128 |
| Stddev    | 1.238    | 82.15    | 873.65   | 3.133    | 4.344    |
| %RSD      | .0324235 | .1072961 | 8.288372 | .0978511 | .0921716 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3820.434 | 76484.17 | 10204.92 | 3197.851 | 4710.105 |
| #2 | 3818.783 | 76648.22 | 11532.44 | 3202.963 | 4711.174 |
| #3 | 3818.009 | 76558.32 | 9884.78  | 3203.544 | 4718.106 |

Sample Name: ICSA01      Acquired: 5/13/2024 13:48:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0098542 | -.004704 | .0000930 | -.006480 | .0007355 | 281.0205 |
| Stddev | .0043604 | .002349  | .0016738 | .002319  | .0008121 | .7056    |
| %RSD   | 44.24932 | 49.94754 | 1800.131 | 35.79380 | 110.4078 | .2510789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0070951 | -.001992 | -.000391 | -.009109 | .0015739 | 280.2118 |
| #2 | .0075863 | -.005993 | .001955  | -.004723 | -.000047 | 281.5106 |
| #3 | .0148812 | -.006127 | -.001286 | -.005607 | .000680  | 281.3391 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066130 | .0021550 | -.002313 | 263.0221 | .0595194 | .0031729 |
| Stddev | .0005423 | .0000706 | .000159  | .9544    | .0005439 | .0002912 |
| %RSD   | 8.200960 | 3.278325 | 6.858207 | .3628487 | .9138967 | 9.179042 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0063247 | .0021671 | -.002140 | 261.9658 | .0597725 | .0028385 |
| #2 | .0062756 | .0020792 | -.002349 | 263.8223 | .0598907 | .0033090 |
| #3 | .0072385 | .0022189 | -.002451 | 263.2782 | .0588950 | .0033712 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102731 | 104.7884 | .0140552 | 279.3423 | .0033920 | -.001521 |
| Stddev | .0004163 | .1348    | .0003326 | 1.0811   | .0001579 | .000181  |
| %RSD   | 4.052555 | .1286024 | 2.366599 | .3870102 | 4.653970 | 11.90406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0104709 | 104.6523 | .0143247 | 278.1321 | .0032168 | -.001563 |
| #2 | .0097948 | 104.7911 | .0141574 | 280.2127 | .0035231 | -.001323 |
| #3 | .0105537 | 104.9218 | .0136834 | 279.6819 | .0034361 | -.001678 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.167345 | .0030527 | -.018229 | .0043633 | .0475450 | .0007065 |
| Stddev | .012232  | .0019266 | .000382  | .0254860 | .0015357 | .0001298 |
| %RSD   | 7.309710 | 63.11102 | 2.094206 | 584.0962 | 3.229958 | 18.37158 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.169758 | .0051651 | -.017802 | -.008578 | .0491989 | .0007811 |
| #2 | -.178190 | .0013923 | -.018538 | .033723  | .0461642 | .0007819 |
| #3 | -.154085 | .0026007 | -.018348 | -.012056 | .0472719 | .0005567 |



Sample Name: ICSA01      Acquired: 5/13/2024 13:48:33      Type: Unk  
 Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |                 |                 |                   |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Elem   | Sn1899          | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707            |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm               |
| Avg    | <b>-.002924</b> | <b>-.001944</b> | <b>-.096809</b> | <b>.0056020</b> | <b>.0002532</b> | <b>F .0238722</b> |
| Stddev | .000280         | .000972         | .006760         | .0025923        | .0072488        | .0016672          |
| %RSD   | 9.590084        | 50.03334        | 6.983335        | 46.27424        | 2863.156        | 6.983743          |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003247</b> | <b>-.000908</b> | <b>-.103298</b> | <b>.0074609</b> | <b>-.007519</b> | <b>.0221009</b> |
| #2 | <b>-.002744</b> | <b>-.002838</b> | <b>-.097322</b> | <b>.0067043</b> | <b>.006830</b>  | <b>.0241048</b> |
| #3 | <b>-.002782</b> | <b>-.002085</b> | <b>-.089806</b> | <b>.0026407</b> | <b>.001449</b>  | <b>.0254108</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.0018216</b> | <b>z *****</b> |
| Stddev | .0002512        | -----          |
| %RSD   | 13.78963        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.0015327</b> | <b>z 2875.324</b> |
| #2 | <b>.0019881</b> | <b>z 2856.003</b> |
| #3 | <b>.0019440</b> | <b>z 2876.549</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>3435.451</b> | <b>69261.86</b> | <b>9625.877</b> | <b>2857.539</b> | <b>3981.498</b> |
| Stddev    | 5.109           | 142.89          | 27.111          | 4.181           | 5.575           |
| %RSD      | .1487189        | .2063008        | .2816452        | .1462974        | .1400137        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3435.477</b> | <b>69112.44</b> | <b>9641.926</b> | <b>2854.332</b> | <b>3975.562</b> |
| #2 | <b>3440.547</b> | <b>69275.96</b> | <b>9594.575</b> | <b>2862.267</b> | <b>3986.622</b> |
| #3 | <b>3430.329</b> | <b>69397.17</b> | <b>9641.129</b> | <b>2856.019</b> | <b>3982.311</b> |

Sample Name: ICSAB01      Acquired: 5/13/2024 14:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .1199476 | .0918653 | .0508336 | .0452866 | .6444387 | 271.3431 |
| Stddev | .0041474 | .0009443 | .0021955 | .0035823 | .0163187 | 1.2418   |
| %RSD   | 3.457633 | 1.027943 | 4.318919 | 7.910248 | 2.532236 | .4576591 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1151589 | .0926103 | .0519062 | .0411523 | .6354498 | 269.9752 |
| #2 | .1222941 | .0921824 | .0483080 | .0472375 | .6345909 | 271.6546 |
| #3 | .1223896 | .0908033 | .0522866 | .0474699 | .6632754 | 272.3996 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5498530 | .5224921 | 1.045714 | 253.1701 | .5677302 | .5424842 |
| Stddev | .0005290 | .0025457 | .028447  | 1.4190   | .0026133 | .0145604 |
| %RSD   | .0962105 | .4872152 | 2.720295 | .5604922 | .4603056 | 2.684014 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5494091 | .5196418 | 1.029872 | 251.6405 | .5687881 | .5346085 |
| #2 | .5504383 | .5232950 | 1.028717 | 253.4261 | .5647538 | .5335579 |
| #3 | .5497116 | .5245394 | 1.078555 | 254.4436 | .5696486 | .5592861 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5482781 | 103.2650 | .5351281 | 268.8424 | 1.070116 | .2206468 |
| Stddev | .0152387 | .2548    | .0026515 | 1.1047   | .029439  | .0007614 |
| %RSD   | 2.779373 | .2467567 | .4954863 | .4109142 | 2.750970 | .3450719 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5398421 | 103.0913 | .5320665 | 267.6536 | 1.052789 | .2198497 |
| #2 | .5391229 | 103.1461 | .5366513 | 269.0362 | 1.053454 | .2207242 |
| #3 | .5658693 | 103.5575 | .5366667 | 269.8374 | 1.104107 | .2213665 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | -.215624 | .5102873 | 1.078403 | -.084839 | F .0604819 | F .0002078 |
| Stddev | .010098  | .0048978 | .004415  | .028034  | .0023967   | .0001467   |
| %RSD   | 4.683227 | .9598228 | .4094046 | 33.04385 | 3.962705   | 70.59536   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.224882 | .5072528 | 1.082724 | -.097088 | .0631787 | .0000446 |
| #2 | -.217134 | .5076715 | 1.078584 | -.104665 | .0585953 | .0003288 |
| #3 | -.204856 | .5159377 | 1.073900 | -.052765 | .0596717 | .0002500 |

Sample Name: ICSAB01      Acquired: 5/13/2024 14:22:57      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | F .2378813 | F -.002433 | F -.118731 | F -.002519 | F .0181448 | F .0215196 |
| Stddev | .0070102   | .000786    | .009219    | .002221    | .0029123   | .0011955   |
| %RSD   | 2.946917   | 32.29065   | 7.764747   | 88.19291   | 16.05036   | 5.555317   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2334644 | -.001701 | -.123986 | -.002055 | .0199168 | .0208363 |
| #2 | .2342151 | -.003263 | -.108086 | -.000566 | .0147836 | .0208225 |
| #3 | .2459643 | -.002334 | -.124120 | -.004935 | .0197340 | .0229000 |

| Elem   | Sr4077     | Ce4040  |
|--------|------------|---------|
| Units  | ppm        | Cts/S   |
| Avg    | F -.000873 | Z ***** |
| Stddev | .000421    | -----   |
| %RSD   | 48.20398   | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.000889 | Z 2850.847 |
| #2 | -.000445 | Z 2868.363 |
| #3 | -.001286 | Z 2862.725 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3337.597 | 70095.57 | 9919.837 | 2847.811 | 3897.254 |
| Stddev    | 66.409   | 124.81   | 33.055   | 8.661    | 87.176   |
| %RSD      | 1.989721 | .1780514 | .3332210 | .3041365 | 2.236864 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3368.239 | 70005.96 | 9949.729 | 2838.080 | 3941.037 |
| #2 | 3383.153 | 70238.12 | 9925.446 | 2850.680 | 3953.860 |
| #3 | 3261.400 | 70042.65 | 9884.337 | 2854.675 | 3796.864 |

Sample Name: CCV01      Acquired: 5/13/2024 14:27:13      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | 5.173144 | 5.136454 | 5.126323 | 5.234657 | 5.209650 | 10.04058 | 10.02425 |
| Stddev | .286385  | .275989  | .274087  | .270646  | .272054  | .03899   | .06885   |
| %RSD   | 5.535996 | 5.373141 | 5.346653 | 5.170280 | 5.222112 | .3883139 | .6868550 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.008569 | 4.983946 | 4.965360 | 5.080764 | 5.058219 | 10.00742 | 9.95735  |
| #2 | 5.007032 | 4.970374 | 4.970814 | 5.076046 | 5.047008 | 10.08353 | 10.09490 |
| #3 | 5.503832 | 5.455043 | 5.442796 | 5.547161 | 5.523724 | 10.03079 | 10.02049 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2500422 | 2.565110 | 24.88769 | .9800448 | 2.562307 | 1.303553 | 4.943615 |
| Stddev | .0015800 | .137085  | .03990   | .0040473 | .140618  | .068323  | .025614  |
| %RSD   | .6318786 | 5.344227 | .1603056 | .4129685 | 5.487931 | 5.241319 | .5181230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2517482 | 2.484658 | 24.87360 | .9785173 | 2.481562 | 1.265560 | 4.914172 |
| #2 | .2497491 | 2.487276 | 24.93272 | .9846335 | 2.480680 | 1.262670 | 4.960767 |
| #3 | .2486293 | 2.723395 | 24.85675 | .9769835 | 2.724677 | 1.382428 | 4.955907 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.483017 | 24.17480 | 2.569412 | 1.241774 | 24.23278 | 2.470472 | 2.524277 |
| Stddev | .009989  | .14459   | .140145  | .001545  | .12821   | .010770  | .006122  |
| %RSD   | .4023032 | .5980980 | 5.454367 | .1244047 | .5290843 | .4359649 | .2425246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.489613 | 24.21642 | 2.488825 | 1.242918 | 24.09586 | 2.473886 | 2.531298 |
| #2 | 2.487914 | 24.29402 | 2.488174 | 1.242387 | 24.35000 | 2.479121 | 2.520055 |
| #3 | 2.471524 | 24.01397 | 2.731238 | 1.240017 | 24.25249 | 2.458408 | 2.521477 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.54217 | 4.963460 | 5.192842 | 5.121215 | 5.005715 | 4.770496 | 5.018346 |
| Stddev | .16821   | .027503  | .270609  | .275061  | .009594  | .046610  | .282653  |
| %RSD   | .6853895 | .5541007 | 5.211198 | 5.371004 | .1916651 | .9770552 | 5.632402 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.35242 | 4.994239 | 5.034815 | 4.963401 | 5.010154 | 4.721494 | 4.855030 |
| #2 | 24.60113 | 4.954845 | 5.038404 | 4.961419 | 5.012287 | 4.814274 | 4.855283 |
| #3 | 24.67296 | 4.941297 | 5.505308 | 5.438826 | 4.994705 | 4.775719 | 5.344726 |

Sample Name: CCV01      Acquired: 5/13/2024 14:27:13      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.977576 | 4.901167 | 5.035041 | z ***** |
| Stddev | .270237  | .015472  | .040268  | -----   |
| %RSD   | 5.429084 | .3156870 | .7997514 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.823445 | 4.909672 | 4.995268 | z 2561.976 |
| #2 | 4.819672 | 4.910522 | 5.034068 | z 2566.853 |
| #3 | 5.289611 | 4.883308 | 5.075786 | z 2544.452 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3543.420 | 73883.17 | 9967.916 | 3046.338 | 4229.954 |
| Stddev    | 154.174  | 216.06   | 63.778   | 8.257    | 192.223  |
| %RSD      | 4.351001 | .2924370 | .6398346 | .2710624 | 4.544320 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3629.961 | 73872.07 | 9908.791 | 3037.528 | 4338.645 |
| #2 | 3634.881 | 73672.88 | 9959.456 | 3047.585 | 4343.208 |
| #3 | 3365.417 | 74104.57 | 10035.50 | 3053.901 | 4008.010 |

Sample Name: CCB01      Acquired: 5/13/2024 14:31:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005252 | -.000114 | -.001216 | -.000813 | .0002945 | -.004998 | .0004988 |
| Stddev | .0008425 | .001294  | .000898  | .002694  | .0015498 | .010784  | .0005074 |
| %RSD   | 160.4183 | 1138.196 | 73.78613 | 331.3248 | 526.2957 | 215.7792 | 101.7212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014821 | -.001586 | -.000787 | .001563  | .0020576 | -.011900 | -.000074 |
| #2 | .0001985 | .000846  | -.000614 | -.000262 | -.000852 | .007429  | .000891  |
| #3 | -.000105 | .000399  | -.002248 | -.003741 | -.000322 | -.010522 | .000680  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000008 | -.000015 | -.005106 | -.000074 | .0001854 | -.000015 | .0041185 |
| Stddev | .000020  | .000093  | .005180  | .000330  | .0003693 | .000512  | .0033808 |
| %RSD   | 257.8300 | 620.8242 | 101.4392 | 448.5118 | 199.2303 | 3369.830 | 82.08760 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000007 | .000073  | -.000053 | .000283  | .0005536 | .000557  | .0002712 |
| #2 | -.000027 | -.000113 | -.004861 | -.000136 | -.000185 | -.000174 | .0066153 |
| #3 | .000012  | -.000005 | -.010404 | -.000368 | .000187  | -.000429 | .0054689 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001209 | .0053580 | -.000091 | -.000092 | -.351695 | -.000510 | -.000470 |
| Stddev | .0002099 | .0037852 | .000255  | .000441  | .007380  | .000968  | .000312  |
| %RSD   | 173.5984 | 70.64537 | 279.1718 | 479.1666 | 2.098457 | 189.7519 | 66.39142 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002270 | .0046196 | .000094  | .000298  | -.358464 | -.001402 | -.000636 |
| #2 | -.000121 | .0019964 | .000014  | -.000570 | -.343827 | -.000650 | -.000110 |
| #3 | .000256  | .0094579 | -.000382 | -.000004 | -.352794 | .000520  | -.000664 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.042795 | .0012133 | .0003798 | -.000518 | -.000228 | .0051516 | .0017407 |
| Stddev | .023000  | .0003514 | .0002419 | .001471  | .000233  | .0042511 | .0021523 |
| %RSD   | 53.74528 | 28.96187 | 63.69485 | 284.1798 | 101.9539 | 82.51946 | 123.6444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.065896 | .0010472 | .0002596 | .000305  | -.000284 | .0076377 | .0039169 |
| #2 | -.019896 | .0016169 | .0006583 | .000358  | -.000428 | .0002430 | .0016924 |
| #3 | -.042593 | .0009757 | .0002216 | -.002216 | .000027  | .0075741 | -.000387 |

Sample Name: CCB01      Acquired: 5/13/2024 14:31:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0008297 | -.001403 | .0001715 | z ***** |
| Stddev | .0052610 | .001774  | .0000508 | -----   |
| %RSD   | 634.0666 | 126.4351 | 29.61754 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | -.004935 | -.003175 | .0002152 | z 2331.301 |
| #2 | .002053  | -.001406 | .0001834 | z 2330.475 |
| #3 | .005371  | .000373  | .0001158 | z 2309.303 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3730.014 | 75100.17 | 10117.56 | 3136.748 | 4610.634 |
| Stddev    | 5.985    | 37.64    | 50.80    | 3.728    | 2.716    |
| %RSD      | .1604557 | .0501189 | .5021104 | .1188430 | .0589058 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3726.544 | 75139.59 | 10155.49 | 3138.679 | 4612.014 |
| #2 | 3726.573 | 75096.30 | 10059.85 | 3132.451 | 4612.384 |
| #3 | 3736.925 | 75064.61 | 10137.36 | 3139.114 | 4607.506 |

Sample Name: P2375-02      Acquired: 5/13/2024 14:36:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0021024 | -.002180 | .0285717 | .0006228 | -.003938 | .0334231 | .2323508 |
| Stddev | .0016135 | .000940  | .0006003 | .0020679 | .002147  | .0043406 | .0019616 |
| %RSD   | 76.74918 | 43.14257 | 2.100998 | 332.0402 | 54.51898 | 12.98668 | .8442375 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005860 | -.001770 | .0291197 | .0021025 | -.002053 | .0285102 | .2302406 |
| #2 | .0019229 | -.001513 | .0279301 | .0015057 | -.006274 | .0367383 | .2326932 |
| #3 | .0037981 | -.003255 | .0286652 | -.001740 | -.003485 | .0350209 | .2341187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000574 | .0006839 | 54.95206 | .0030164 | .0028351 | .0038722 | .0297422 |
| Stddev | .0000478 | .0000855 | .26314   | .0002039 | .0003580 | .0002835 | .0023819 |
| %RSD   | 83.34975 | 12.50823 | .4788523 | 6.760367 | 12.62819 | 7.321841 | 8.008515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001064 | .0007331 | 54.65470 | .0028445 | .0028617 | .0041958 | .0322679 |
| #2 | .0000108 | .0007335 | 55.04666 | .0032417 | .0024645 | .0037533 | .0275364 |
| #3 | .0000550 | .0005851 | 55.15482 | .0029631 | .0031791 | .0036675 | .0294223 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4722935 | 6.648489 | .0048480 | .0002918 | 317.0284 | -.001225 | .2168018 |
| Stddev | .0028456 | .011896  | .0001780 | .0002566 | 2.2771   | .002954  | .0008256 |
| %RSD   | .6025074 | .1789309 | 3.671712 | 87.93470 | .7182497 | 241.1779 | .3807900 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4690573 | 6.634760 | .0050184 | .0004754 | 316.5977 | .001451  | .2173216 |
| #2 | .4734186 | 6.654970 | .0046632 | .0004015 | 314.9974 | -.004395 | .2158499 |
| #3 | .4744044 | 6.655738 | .0048625 | -.000001 | 319.4900 | -.000730 | .2172340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.938187 | .0468643 | .0005388 | -.003861 | -.001307 | 3.509044 | .0220995 |
| Stddev | .020568  | .0000725 | .0003119 | .000428  | .000479  | .015853  | .0031891 |
| %RSD   | 1.061187 | .1546197 | 57.88243 | 11.07651 | 36.65574 | .4517810 | 14.43068 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.915091 | .0467872 | .0001793 | -.004194 | -.001619 | 3.525748 | .0257790 |
| #2 | 1.944942 | .0468750 | .0007367 | -.003379 | -.001547 | 3.507175 | .0201321 |
| #3 | 1.954528 | .0469309 | .0007005 | -.004010 | -.000755 | 3.494208 | .0203874 |



Sample Name: P2375-02      Acquired: 5/13/2024 14:36:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.042914 | -.000472 | .1929434 | z ***** |
| Stddev | .008538  | .000717  | .0013644 | -----   |
| %RSD   | .4179205 | 151.8629 | .7071286 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.033203 | -.001299 | .1915475 | z 2505.135 |
| #2 | 2.049244 | -.000034 | .1930088 | z 2486.028 |
| #3 | 2.046294 | -.000083 | .1942739 | z 2492.231 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3558.466 | 73151.23 | 10317.20 | 3032.869 | 4205.563 |
| Stddev    | 2.920    | 178.65   | 51.15    | 10.812   | 8.988    |
| %RSD      | .0820585 | .2442226 | .4957571 | .3564873 | .2137133 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3561.585 | 73056.05 | 10371.46 | 3023.652 | 4215.908 |
| #2 | 3558.018 | 73357.32 | 10310.29 | 3044.770 | 4201.119 |
| #3 | 3555.797 | 73040.32 | 10269.86 | 3030.185 | 4199.664 |

Sample Name: P2396-01      Acquired: 5/13/2024 14:40:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0031021 | .0004491 | .6300287 | -.003766 | .0012042 | .1475858 | .1906170 |
| Stddev | .0009786 | .0007432 | .0011979 | .000260  | .0015440 | .0112682 | .0011588 |
| %RSD   | 31.54739 | 165.5062 | .1901299 | 6.898886 | 128.2219 | 7.634986 | .6079207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027042 | .0006919 | .6286490 | -.003606 | .0003350 | .1599117 | .1892909 |
| #2 | .0042170 | .0010406 | .6306337 | -.003626 | .0002907 | .1378138 | .1911257 |
| #3 | .0023851 | -.000385 | .6308035 | -.004065 | .0029869 | .1450318 | .1914345 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0014467 | 9.581167 | .0042694 | .0010371 | .0312979 | .1226678 |
| Stddev | .000010  | .0000400 | .050242  | .0002315 | .0000338 | .0001563 | .0049710 |
| %RSD   | 45.74352 | 2.766608 | .5243857 | 5.421424 | 3.255598 | .4993236 | 4.052415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000031 | .0014058 | 9.523571 | .0044288 | .0010681 | .0314337 | .1271746 |
| #2 | -.000011 | .0014857 | 9.615993 | .0043754 | .0010421 | .0311271 | .1173358 |
| #3 | -.000023 | .0014487 | 9.603938 | .0040039 | .0010011 | .0313330 | .1234930 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0201845 | .6744315 | .0038690 | -.000033 | 351.5107 | .0011857 | .8322963 |
| Stddev | .0003707 | .0070705 | .0000816 | .000525  | 1.7420   | .0007291 | .0024265 |
| %RSD   | 1.836707 | 1.048366 | 2.107971 | 1603.754 | .4955690 | 61.49022 | .2915409 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0197788 | .6817049 | .0039593 | -.000354 | 352.5323 | .0016238 | .8298327 |
| #2 | .0202692 | .6740065 | .0038468 | .000573  | 352.5005 | .0015891 | .8346839 |
| #3 | .0205056 | .6675830 | .0038007 | -.000317 | 349.4993 | .0003440 | .8323724 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.334334 | .0533934 | .0006158 | -.001650 | .0006217 | .2955261 | .0392433 |
| Stddev | .032055  | .0006917 | .0000581 | .000940  | .0004203 | .0291083 | .0017527 |
| %RSD   | 2.402353 | 1.295421 | 9.428650 | 56.92853 | 67.60155 | 9.849666 | 4.466226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.297345 | .0541737 | .0005492 | -.001741 | .0002267 | .2834512 | .0405922 |
| #2 | 1.351647 | .0531511 | .0006559 | -.000669 | .0005749 | .3287286 | .0398755 |
| #3 | 1.354010 | .0528556 | .0006422 | -.002541 | .0010633 | .2743984 | .0372622 |

Sample Name: P2396-01      Acquired: 5/13/2024 14:40:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.083992 | -.002322 | .0332344 | z ***** |
| Stddev | .003974  | .003008  | .0001543 | -----   |
| %RSD   | .1906726 | 129.5631 | .4642174 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.079690 | -.002386 | .0330573 | z 2351.717 |
| #2 | 2.084759 | -.005297 | .0333066 | z 2348.802 |
| #3 | 2.087526 | .000718  | .0333393 | z 2346.837 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3607.520 | 72628.96 | 9976.231 | 3033.276 | 4281.060 |
| Stddev    | 8.345    | 173.96   | 10.698   | 8.471    | 10.990   |
| %RSD      | .2313149 | .2395204 | .1072320 | .2792574 | .2567146 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3617.126 | 72733.41 | 9965.878 | 3037.862 | 4293.748 |
| #2 | 3602.064 | 72428.14 | 9975.573 | 3023.501 | 4274.544 |
| #3 | 3603.369 | 72725.33 | 9987.243 | 3038.465 | 4274.887 |

Sample Name: P2396-02      Acquired: 5/13/2024 14:45:12      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>-.000249</b> | <b>-.000509</b> | <b>.0157837</b> | <b>-.001725</b> | <b>.0029133</b> | <b>.1693725</b> | <b>.3306639</b> |
| Stddev | .001363         | .001406         | .0002492        | .002950         | .0005033        | .0047904        | .0008526        |
| %RSD   | 548.2260        | 276.2816        | 1.578741        | 170.9767        | 17.27657        | 2.828297        | .2578383        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001033  | -.001820 | .0159918 | .000846  | .0025165 | .1744258 | .3300975 |
| #2 | -.000098 | -.000682 | .0158517 | -.004946 | .0034795 | .1687942 | .3302497 |
| #3 | -.001680 | .000976  | .0155075 | -.001076 | .0027439 | .1648976 | .3316444 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000006</b> | <b>.0001050</b> | <b>8.764902</b> | <b>.0043203</b> | <b>.0003718</b> | <b>.0135152</b> | <b>.0775225</b> |
| Stddev | .000088         | .0000981        | .027573         | .0002521        | .0001973        | .0000622        | .0020959        |
| %RSD   | 1452.488        | 93.41956        | .3145874        | 5.835204        | 53.05841        | .4605494        | 2.703618        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000039  | .0000106 | 8.755017 | .0042848 | .0004572 | .0135697 | .0799370 |
| #2 | -.000108 | .0002064 | 8.743633 | .0040878 | .0005119 | .0134474 | .0764577 |
| #3 | .000050  | .0000981 | 8.796055 | .0045882 | .0001462 | .0135284 | .0761727 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0146731</b> | <b>.5159772</b> | <b>.0026024</b> | <b>-.000357</b> | <b>400.0391</b> | <b>.0002853</b> | <b>.2808870</b> |
| Stddev | .0002405        | .0080861        | .0000787        | .000592         | 1.9275          | .0019261        | .0007418        |
| %RSD   | 1.639255        | 1.567137        | 3.023323        | 165.9313        | .4818240        | 675.0183        | .2640810        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0144226 | .5251305 | .0025910 | .000203  | 398.2767 | .0013605 | .2808470 |
| #2 | .0146947 | .5129963 | .0026862 | -.000976 | 399.7432 | -.001938 | .2801660 |
| #3 | .0149022 | .5098046 | .0025301 | -.000298 | 402.0974 | .001434  | .2816479 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.5303841</b> | <b>.0665361</b> | <b>.0025455</b> | <b>-.002289</b> | <b>.0004634</b> | <b>.3908913</b> | <b>.0261207</b> |
| Stddev | .0371455        | .0005775        | .0002379        | .000389         | .0000784        | .0089674        | .0011080        |
| %RSD   | 7.003518        | .8679421        | 9.344233        | 16.99967        | 16.91454        | 2.294082        | 4.242006        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5441356 | .0662359 | .0028187 | -.001890 | .0004040 | .3909525 | .0273381 |
| #2 | .5586929 | .0672019 | .0024334 | -.002667 | .0005523 | .3998279 | .0251712 |
| #3 | .4883236 | .0661706 | .0023845 | -.002311 | .0004340 | .3818935 | .0258527 |

Sample Name: P2396-02      Acquired: 5/13/2024 14:45:12      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.178924 | -.002839 | .0271007 | z ***** |
| Stddev | .003531  | .002235  | .0000855 | -----   |
| %RSD   | .2995310 | 78.73764 | .3153101 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.176230 | -.003131 | .0270858 | z 2343.868 |
| #2 | 1.177621 | -.004914 | .0270237 | z 2364.990 |
| #3 | 1.182922 | -.000472 | .0271926 | z 2339.571 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3578.808 | 72991.48 | 9958.564 | 3035.474 | 4223.653 |
| Stddev    | 3.736    | 263.35   | 56.099   | 2.483    | 5.397    |
| %RSD      | .1043920 | .3607940 | .5633267 | .0817884 | .1277916 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3582.752 | 73033.39 | 10020.90 | 3034.320 | 4228.322 |
| #2 | 3578.350 | 72709.69 | 9912.13  | 3033.779 | 4224.895 |
| #3 | 3575.322 | 73231.36 | 9942.67  | 3038.324 | 4217.743 |

Sample Name: P2398-04      Acquired: 5/13/2024 14:49:48      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0025525 | -.000367 | .0005987 | .0021251 | -.002074 | .0643031 | .1851470 |
| Stddev | .0021926 | .000671  | .0004015 | .0018936 | .000474  | .0033556 | .0011726 |
| %RSD   | 85.89840 | 182.6637 | 67.05411 | 89.10774 | 22.86290 | 5.218388 | .6333401 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001876 | -.000424 | .0002618 | .0003403 | -.001841 | .0617697 | .1840062 |
| #2 | .0045177 | .000330  | .0010429 | .0041114 | -.001762 | .0630308 | .1850858 |
| #3 | .0029522 | -.001008 | .0004914 | .0019235 | -.002620 | .0681088 | .1863490 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001554 | .0005890 | 11.31857 | .0025763 | .0000096 | .0114313 | .0486494 |
| Stddev | .0000199 | .0000690 | .08779   | .0001913 | .0000539 | .0003901 | .0050332 |
| %RSD   | 12.78994 | 11.71035 | .7755968 | 7.426566 | 561.5735 | 3.412361 | 10.34587 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001762 | .0005902 | 11.22148 | .0024984 | .0000099 | .0110150 | .0442207 |
| #2 | .0001365 | .0005194 | 11.34186 | .0024362 | .0000633 | .0117884 | .0476044 |
| #3 | .0001536 | .0006574 | 11.39236 | .0027942 | -.000044 | .0114904 | .0541231 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0553454 | 2.113395 | .0018613 | .0002314 | 337.7218 | .0001165 | .0631847 |
| Stddev | .0006164 | .037845  | .0005474 | .0000209 | 2.6236   | .0019041 | .0005855 |
| %RSD   | 1.113708 | 1.790738 | 29.40942 | 9.049715 | .7768639 | 1633.805 | .9266447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0546543 | 2.106018 | .0023027 | .0002526 | 339.2101 | .0002989 | .0636997 |
| #2 | .0555440 | 2.079781 | .0020325 | .0002310 | 334.6925 | -.001872 | .0625479 |
| #3 | .0558381 | 2.154386 | .0012488 | .0002107 | 339.2629 | .001923  | .0633066 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5454081 | .0107912 | .0044380 | -.002372 | .0002239 | .5262396 | .0172601 |
| Stddev | .0380406 | .0006171 | .0004400 | .000921  | .0001230 | .0109487 | .0014297 |
| %RSD   | 6.974698 | 5.718731 | 9.914841 | 38.84278 | 54.93425 | 2.080556 | 8.283331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5879874 | .0102435 | .0039467 | -.003433 | .0003649 | .5372711 | .0160014 |
| #2 | .5334643 | .0114598 | .0047960 | -.001906 | .0001388 | .5260722 | .0169643 |
| #3 | .5147728 | .0106702 | .0045711 | -.001777 | .0001680 | .5153756 | .0188145 |

Sample Name: P2398-04      Acquired: 5/13/2024 14:49:48      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2413965 | -.004674 | .0683621 | z ***** |
| Stddev | .0010772 | .001413  | .0005897 | -----   |
| %RSD   | .4462190 | 30.22126 | .8626640 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2418442 | -.003444 | .0677415 | z 2402.409 |
| #2 | .2421777 | -.006217 | .0684298 | z 2410.222 |
| #3 | .2401678 | -.004362 | .0689151 | z 2375.150 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3533.486 | 72575.83 | 9859.657 | 3048.969 | 4156.024 |
| Stddev    | 8.791    | 483.07   | 51.384   | 14.650   | 11.499   |
| %RSD      | .2487951 | .6656099 | .5211508 | .4804740 | .2766840 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3525.217 | 72320.53 | 9915.981 | 3046.208 | 4144.304 |
| #2 | 3542.720 | 73132.98 | 9847.650 | 3064.802 | 4167.289 |
| #3 | 3532.522 | 72273.96 | 9815.340 | 3035.896 | 4156.478 |

Sample Name: P2413-04      Acquired: 5/13/2024 14:58:55      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0070607 | .0008918 | .0040535 | -.002146 | -.002745 | 1.522615 | .2950524 |
| Stddev | .0021197 | .0006344 | .0013394 | .002163  | .000512  | .031680  | .0062094 |
| %RSD   | 30.02144 | 71.13250 | 33.04296 | 100.7753 | 18.64859 | 2.080635 | 2.104519 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0051355 | .0010854 | .0026900 | -.004630 | -.002761 | 1.532689 | .2984468 |
| #2 | .0067142 | .0014068 | .0041031 | -.001132 | -.003249 | 1.487124 | .2878857 |
| #3 | .0093323 | .0001832 | .0053674 | -.000677 | -.002226 | 1.548034 | .2988247 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004261 | -.000578 | 11.18217 | .0039677 | .0025482 | .0101045 | 10.19533 |
| Stddev | .0000919 | .000050  | .25048   | .0002631 | .0001536 | .0001747 | .02638   |
| %RSD   | 21.57276 | 8.678551 | 2.240036 | 6.630816 | 6.026104 | 1.728776 | .2587860 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004002 | -.000603 | 11.32312 | .0042137 | .0023709 | .0102947 | 10.22354 |
| #2 | .0003499 | -.000612 | 10.89297 | .0036903 | .0026379 | .0099512 | 10.19121 |
| #3 | .0005282 | -.000521 | 11.33042 | .0039993 | .0026358 | .0100677 | 10.17125 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6503839 | 3.161169 | .0047275 | .0005744 | 319.4639 | .0044023 | .0732593 |
| Stddev | .0151032 | .091418  | .0005545 | .0003479 | 2.1016   | .0021995 | .0007465 |
| %RSD   | 2.322198 | 2.891896 | 11.72880 | 60.56985 | .6578614 | 49.96301 | 1.018926 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6597989 | 3.212419 | .0051769 | .0002491 | 321.3985 | .0062040 | .0733346 |
| #2 | .6329632 | 3.055624 | .0041078 | .0009412 | 317.2278 | .0019512 | .0724780 |
| #3 | .6583896 | 3.215465 | .0048976 | .0005330 | 319.7653 | .0050517 | .0739652 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.098863 | .0452233 | .0001350 | -.002423 | .0285965 | 1.614334 | .0483210 |
| Stddev | .010988  | .0006293 | .0001603 | .000435  | .0009817 | .093205  | .0013124 |
| %RSD   | .9999836 | 1.391656 | 118.7277 | 17.96238 | 3.432930 | 5.773606 | 2.716050 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.095630 | .0453387 | .0001718 | -.002926 | .0296117 | 1.521284 | .0489013 |
| #2 | 1.089854 | .0445443 | -.000040 | -.002183 | .0276521 | 1.614026 | .0468184 |
| #3 | 1.111105 | .0457870 | .000274  | -.002161 | .0285256 | 1.707694 | .0492432 |



Sample Name: P2413-04      Acquired: 5/13/2024 14:58:55      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3105970 | -.004534 | .0522006 | z ***** |
| Stddev | .0022608 | .001789  | .0013825 | -----   |
| %RSD   | .7278847 | 39.46406 | 2.648409 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3101319 | -.006242 | .0529827 | z 2429.284 |
| #2 | .3130542 | -.004688 | .0506044 | z 2416.683 |
| #3 | .3086050 | -.002673 | .0530148 | z 2406.612 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3696.716 | 75465.11 | 10419.89 | 3158.331 | 4356.162 |
| Stddev    | 4.331    | 31.89    | 248.82   | 9.964    | 4.325    |
| %RSD      | .1171507 | .0422551 | 2.387910 | .3154785 | .0992781 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3699.978 | 75501.81 | 10309.29 | 3165.297 | 4356.315 |
| #2 | 3691.802 | 75444.22 | 10704.84 | 3162.778 | 4351.763 |
| #3 | 3698.366 | 75449.29 | 10245.55 | 3146.918 | 4360.408 |

Sample Name: P2413-08      Acquired: 5/13/2024 15:03:27      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0076672 | -.002302 | .0040141 | .0013992 | -.002298 | .4066681 | .2223007 |
| Stddev | .0017046 | .000247  | .0008943 | .0023105 | .001094  | .0046513 | .0057942 |
| %RSD   | 22.23180 | 10.74257 | 22.27960 | 165.1269 | 47.59844 | 1.143758 | 2.606492 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0086591 | -.002205 | .0050331 | -.000904 | -.002584 | .4028141 | .2167282 |
| #2 | .0086434 | -.002583 | .0033595 | .003717  | -.001090 | .4053556 | .2218800 |
| #3 | .0056989 | -.002117 | .0036496 | .001385  | -.003222 | .4118346 | .2282938 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003687 | -.000527 | 3.863497 | .0032143 | .0014808 | .0080302 | 10.25546 |
| Stddev | .0000296 | .000027  | .080026  | .0002725 | .0002279 | .0006624 | .02848   |
| %RSD   | 8.033965 | 5.144416 | 2.071324 | 8.479381 | 15.39054 | 8.249462 | .2777396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003849 | -.000558 | 3.811407 | .0030213 | .0017126 | .0085224 | 10.25494 |
| #2 | .0003345 | -.000516 | 3.823443 | .0030955 | .0014726 | .0082913 | 10.28420 |
| #3 | .0003868 | -.000507 | 3.955641 | .0035261 | .0012571 | .0072770 | 10.22724 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.250694 | 2.300259 | .0029566 | .0003483 | 339.6971 | .0023886 | .0688717 |
| Stddev | .030021  | .043402  | .0002790 | .0001220 | 4.6100   | .0031211 | .0009005 |
| %RSD   | 2.400349 | 1.886818 | 9.435459 | 35.03319 | 1.357095 | 130.6690 | 1.307481 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.225486 | 2.250625 | .0026433 | .0002411 | 344.4196 | .0036426 | .0689159 |
| #2 | 1.242691 | 2.319069 | .0030486 | .0004811 | 339.4633 | -.001165 | .0697493 |
| #3 | 1.283906 | 2.331082 | .0031780 | .0003227 | 335.2085 | .004688  | .0679500 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3902296 | .0226809 | -.000225 | -.001564 | .0104317 | .8812784 | .0254254 |
| Stddev | .0403204 | .0004018 | .000221  | .001475  | .0001965 | .0169042 | .0015486 |
| %RSD   | 10.33248 | 1.771756 | 98.15949 | 94.29499 | 1.883695 | 1.918145 | 6.090539 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3672892 | .0231410 | -.000013 | -.003259 | .0106580 | .8707584 | .0236420 |
| #2 | .4367859 | .0225035 | -.000453 | -.000580 | .0103049 | .9007774 | .0264291 |
| #3 | .3666137 | .0223983 | -.000208 | -.000852 | .0103321 | .8722993 | .0262052 |

Sample Name: P2413-08      Acquired: 5/13/2024 15:03:27      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2900133 | -.006740 | .0142362 | z ***** |
| Stddev | .0088192 | .002035  | .0007321 | -----   |
| %RSD   | 3.040974 | 30.19173 | 5.142863 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2997070 | -.005485 | .0136940 | z 2325.405 |
| #2 | .2878691 | -.005647 | .0139455 | z 2334.599 |
| #3 | .2824640 | -.009087 | .0150691 | z 2322.418 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3551.923 | 73067.85 | 10237.59 | 3059.403 | 4184.293 |
| Stddev    | 88.258   | 621.45   | 203.56   | 24.128   | 112.220  |
| %RSD      | 2.484783 | .8505057 | 1.988393 | .7886362 | 2.681938 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3450.164 | 72809.34 | 10401.34 | 3046.453 | 4055.082 |
| #2 | 3597.987 | 72617.38 | 10301.77 | 3044.516 | 4240.422 |
| #3 | 3607.619 | 73776.82 | 10009.68 | 3087.241 | 4257.374 |

Sample Name: P2415-02      Acquired: 5/13/2024 15:07:59      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0030145 | -.000610 | .0015678 | -.002864 | -.003468 | -.007459 | .3436227 |
| Stddev | .0013872 | .000268  | .0008022 | .003722  | .000845  | .012886  | .0032778 |
| %RSD   | 46.01646 | 43.98941 | 51.16899 | 129.9648 | 24.37284 | 172.7663 | .9538934 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039394 | -.000789 | .0019005 | -.001964 | -.002598 | -.022279 | .3401035 |
| #2 | .0014195 | -.000740 | .0021501 | -.006953 | -.004286 | .001100  | .3441757 |
| #3 | .0036846 | -.000302 | .0006528 | .000326  | -.003518 | -.001197 | .3465888 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000003 | .0006498 | 171.3539 | .0026651 | -.000280 | .0073051 | .0262075 |
| Stddev | .000034  | .0000996 | 1.6863   | .0005055 | .000194  | .0003621 | .0024093 |
| %RSD   | 1285.222 | 15.32621 | .9841188 | 18.96624 | 69.20005 | 4.956470 | 9.193163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000006  | .0005672 | 169.5198 | .0020840 | -.000136 | .0075928 | .0282933 |
| #2 | .000027  | .0007604 | 171.7044 | .0030030 | -.000501 | .0068985 | .0267591 |
| #3 | -.000040 | .0006218 | 172.8374 | .0029085 | -.000204 | .0074240 | .0235703 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2150290 | 3.620873 | .0018054 | .0002179 | 330.5539 | .0009321 | .1322566 |
| Stddev | .0014479 | .038041  | .0004075 | .0001951 | .4937    | .0014155 | .0009291 |
| %RSD   | .6733296 | 1.050610 | 22.56884 | 89.53874 | .1493605 | 151.8594 | .7024963 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2137708 | 3.595438 | .0017452 | .0000683 | 330.1099 | -.000547 | .1325215 |
| #2 | .2147047 | 3.602576 | .0022396 | .0001467 | 330.4664 | .001070  | .1312238 |
| #3 | .2166115 | 3.664606 | .0014314 | .0004385 | 331.0856 | .002274  | .1330244 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6370872 | .0387150 | .0007116 | -.006853 | -.003908 | 1.163255 | .1103792 |
| Stddev | .0420748 | .0010252 | .0002474 | .000641  | .000664  | .000730  | .0020076 |
| %RSD   | 6.604242 | 2.648125 | 34.76595 | 9.355205 | 16.99374 | .0627340 | 1.818819 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5943150 | .0375312 | .0004869 | -.007040 | -.003162 | 1.162666 | .1081383 |
| #2 | .6385185 | .0393110 | .0009767 | -.006139 | -.004127 | 1.164071 | .1109854 |
| #3 | .6784281 | .0393028 | .0006711 | -.007379 | -.004435 | 1.163028 | .1120138 |

Sample Name: P2415-02      Acquired: 5/13/2024 15:07:59      Type: Unk  
 Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.132545 | .0116364 | .2715999 | z ***** |
| Stddev | .021823  | .0014982 | .0022709 | -----   |
| %RSD   | 1.926904 | 12.87554 | .8361148 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.116463 | .0118436 | .2690898 | z 2748.051 |
| #2 | 1.123784 | .0130202 | .2721979 | z 2746.503 |
| #3 | 1.157387 | .0100453 | .2735119 | z 2727.264 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3464.371 | 73175.60 | 10016.04 | 2997.629 | 4057.388 |
| Stddev    | 57.899   | 208.44   | 93.01    | 8.117    | 68.863   |
| %RSD      | 1.671280 | .2848509 | .9286425 | .2707952 | 1.697229 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3498.677 | 73390.23 | 10118.01 | 2997.481 | 4102.072 |
| #2 | 3496.912 | 73162.63 | 9994.29  | 3005.820 | 4092.008 |
| #3 | 3397.522 | 72973.95 | 9935.84  | 2989.587 | 3978.084 |

Sample Name: P2415-02DUP      Acquired: 5/13/2024 15:12:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0031158 | -.002348 | .0015123 | -.001784 | -.001791 | -.016072 | .3424694 |
| Stddev | .0018461 | .001617  | .0012648 | .001927  | .000629  | .012554  | .0028385 |
| %RSD   | 59.25059 | 68.84421 | 83.63230 | 108.0313 | 35.10401 | 78.10835 | .8288175 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0045495 | -.004192 | .0028882 | .000279  | -.001396 | -.005557 | .3394586 |
| #2 | .0037650 | -.001680 | .0004002 | -.002093 | -.002516 | -.029971 | .3428531 |
| #3 | .0010327 | -.001173 | .0012486 | -.003538 | -.001461 | -.012689 | .3450965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000050 | .0006542 | 172.5674 | .0025536 | -.000053 | .0072810 | .0225595 |
| Stddev | .0000263 | .0001031 | .8577    | .0004980 | .000241  | .0002990 | .0005179 |
| %RSD   | 521.1066 | 15.75487 | .4969998 | 19.50042 | 452.9289 | 4.106864 | 2.295678 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000289 | .0005962 | 171.6307 | .0026146 | .000107  | .0075990 | .0221241 |
| #2 | -.000023 | .0007731 | 173.3143 | .0020279 | .000063  | .0070056 | .0224223 |
| #3 | .000010  | .0005931 | 172.7572 | .0030182 | -.000330 | .0072385 | .0231322 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2149177 | 3.645196 | .0019487 | -.000089 | 348.5298 | -.001786 | .1449638 |
| Stddev | .0008044 | .007392  | .0004360 | .000186  | 44.4899  | .001385  | .0217600 |
| %RSD   | .3742781 | .2027981 | 22.37120 | 210.0325 | 12.76502 | 77.50413 | 15.01067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2139919 | 3.647774 | .0019564 | -.000247 | 324.2429 | -.001619 | .1323855 |
| #2 | .2153152 | 3.636859 | .0015090 | .000117  | 321.4692 | -.003247 | .1324158 |
| #3 | .2154459 | 3.650954 | .0023807 | -.000136 | 399.8774 | -.000493 | .1700901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7035513 | .0401234 | .0007367 | -.006511 | -.003828 | 1.251450 | .1059665 |
| Stddev | .1115310 | .0009959 | .0001330 | .000626  | .000373  | .147939  | .0009033 |
| %RSD   | 15.85258 | 2.482040 | 18.05136 | 9.606747 | 9.749384 | 11.82141 | .8524526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6527274 | .0395900 | .0006087 | -.005935 | -.003397 | 1.158341 | .1049252 |
| #2 | .6264846 | .0395078 | .0007272 | -.007176 | -.004039 | 1.173973 | .1065394 |
| #3 | .8314418 | .0412723 | .0008742 | -.006422 | -.004049 | 1.422037 | .1064350 |

Sample Name: P2415-02DUP      Acquired: 5/13/2024 15:12:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.085562 | .0134903 | .2710061 | z ***** |
| Stddev | .013512  | .0029236 | .0022185 | -----   |
| %RSD   | 1.244704 | 21.67161 | .8186296 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.097134 | .0161865 | .2685189 | z 2716.320 |
| #2 | 1.088839 | .0103829 | .2717181 | z 2720.324 |
| #3 | 1.070713 | .0139014 | .2727811 | z 2714.649 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3555.336 | 68056.57 | 9933.641 | 2808.390 | 4179.347 |
| Stddev    | 21.813   | 7669.29  | 35.823   | 327.515  | 23.993   |
| %RSD      | .6135218 | 11.26899 | .3606252 | 11.66204 | .5740868 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3542.648 | 72146.32 | 9973.062 | 2989.220 | 4167.275 |
| #2 | 3542.837 | 72814.16 | 9903.077 | 3005.623 | 4163.788 |
| #3 | 3580.523 | 59209.24 | 9924.782 | 2430.326 | 4206.979 |

Sample Name: P2415-02LX5      Acquired: 5/13/2024 15:17:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0028426 | -.000797 | .0011759 | -.000604 | -.001653 | -.005617 | .0692038 |
| Stddev | .0044668 | .000858  | .0013852 | .002880  | .002826  | .006654  | .0003248 |
| %RSD   | 157.1358 | 107.6690 | 117.8003 | 476.8186 | 171.0085 | 118.4626 | .4693143 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011430 | -.000651 | .0015947 | -.001212 | .000841  | -.008228 | .0689491 |
| #2 | -.000525 | -.000021 | -.000370 | .002531  | -.004722 | -.010571 | .0690927 |
| #3 | .007910  | -.001719 | .002303  | -.003131 | -.001077 | .001947  | .0695695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000176 | .0001797 | 35.10118 | .0001102 | .0000705 | .0014637 | .0074726 |
| Stddev | .0000208 | .0000964 | .06414   | .0003050 | .0001589 | .0002760 | .0030461 |
| %RSD   | 118.5516 | 53.64844 | .1827409 | 276.8631 | 225.4473 | 18.85469 | 40.76322 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000410 | .0002869 | 35.04546 | .0002059 | .0000363 | .0012234 | .0109329 |
| #2 | .0000105 | .0001520 | 35.17130 | .0003559 | -.000069 | .0017651 | .0062883 |
| #3 | .0000012 | .0001001 | 35.08678 | -.000231 | .000244  | .0014026 | .0051965 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0439665 | .7491831 | .0003138 | -.000082 | 64.01498 | -.002073 | .0286376 |
| Stddev | .0006867 | .0263475 | .0001117 | .000337  | .06829   | .001885  | .0000363 |
| %RSD   | 1.561916 | 3.516828 | 35.60372 | 413.0733 | .1066754 | 90.91084 | .1266144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0440211 | .7209270 | .0003635 | -.000469 | 63.94983 | -.003192 | .0286339 |
| #2 | .0432541 | .7535446 | .0003921 | .000148  | 64.00909 | .000103  | .0286756 |
| #3 | .0446243 | .7730777 | .0001859 | .000076  | 64.08603 | -.003131 | .0286033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1253133 | .0028637 | .0001737 | -.002289 | -.001323 | .2342707 | .0242820 |
| Stddev | .0155091 | .0005489 | .0004088 | .001043  | .000593  | .0136576 | .0011570 |
| %RSD   | 12.37630 | 19.16886 | 235.3603 | 45.55481 | 44.84384 | 5.829851 | 4.764909 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1401636 | .0028445 | .0006209 | -.001755 | -.001539 | .2479768 | .0246440 |
| #2 | .1092201 | .0023246 | .0000811 | -.003490 | -.001778 | .2206620 | .0252146 |
| #3 | .1265561 | .0034219 | -.000181 | -.001622 | -.000652 | .2341733 | .0229872 |



Sample Name: P2415-02LX5      Acquired: 5/13/2024 15:17:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2119113 | .0081221 | .0549375 | z ***** |
| Stddev | .0039138 | .0032749 | .0000253 | -----   |
| %RSD   | 1.846924 | 40.32023 | .0459909 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2139923 | .0047951 | .0549387 | z 2500.648 |
| #2 | .2073966 | .0113422 | .0549621 | z 2516.653 |
| #3 | .2143450 | .0082290 | .0549116 | z 2504.047 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3727.469 | 74931.21 | 10128.68 | 3107.216 | 4517.521 |
| Stddev    | 1.396    | 105.83   | 38.66    | 10.179   | 3.139    |
| %RSD      | .0374468 | .1412311 | .3817219 | .3276029 | .0694947 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3728.201 | 74896.53 | 10084.04 | 3102.718 | 4520.636 |
| #2 | 3725.859 | 74847.07 | 10151.24 | 3100.060 | 4514.358 |
| #3 | 3728.346 | 75050.02 | 10150.78 | 3118.869 | 4517.569 |

Sample Name: CCV02      Acquired: 5/13/2024 15:21:32      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.827522 | 4.926568 | 4.865816 | 4.900539 | 4.901161 | 9.951830 | 9.965688 |
| Stddev | .007578  | .004497  | .007164  | .016385  | .006074  | .034502  | .053009  |
| %RSD   | .1569767 | .0912801 | .1472379 | .3343588 | .1239248 | .3466866 | .5319180 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.819397 | 4.927195 | 4.867932 | 4.881890 | 4.894585 | 9.923742 | 9.905284 |
| #2 | 4.834398 | 4.921791 | 4.857832 | 4.907098 | 4.906560 | 9.941406 | 9.987317 |
| #3 | 4.828772 | 4.930719 | 4.871684 | 4.912628 | 4.902339 | 9.990342 | 10.00446 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2522119 | 2.423362 | 24.79822 | .9675267 | 2.430875 | 1.231259 | 4.762962 |
| Stddev | .0010086 | .001694  | .11216   | .0014689 | .000241  | .001875  | .008533  |
| %RSD   | .3999022 | .0698832 | .4522955 | .1518224 | .0099216 | .1522799 | .1791544 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2511679 | 2.424961 | 24.68235 | .9691487 | 2.430616 | 1.230798 | 4.761848 |
| #2 | .2531809 | 2.423538 | 24.80603 | .9671454 | 2.430919 | 1.233321 | 4.755041 |
| #3 | .2522868 | 2.421588 | 24.90627 | .9662860 | 2.431092 | 1.229657 | 4.771998 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.474525 | 23.95713 | 2.431089 | 1.222755 | 23.34465 | 2.439074 | 2.449758 |
| Stddev | .014092  | .15486   | .001514  | .002170  | .09421   | .014590  | .005813  |
| %RSD   | .5694924 | .6464061 | .0622852 | .1775030 | .4035565 | .5981633 | .2372883 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.458719 | 23.77970 | 2.432449 | 1.224944 | 23.33131 | 2.422845 | 2.451851 |
| #2 | 2.479078 | 24.06512 | 2.431359 | 1.220603 | 23.25781 | 2.451101 | 2.443188 |
| #3 | 2.485778 | 24.02656 | 2.429457 | 1.222720 | 23.44481 | 2.443277 | 2.454234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.58848 | 4.989855 | 4.977324 | 4.849664 | 4.953659 | 4.663180 | 4.644361 |
| Stddev | .09666   | .021215  | .001276  | .001510  | .012300  | .051887  | .000548  |
| %RSD   | .4097561 | .4251596 | .0256428 | .0311336 | .2482967 | 1.112705 | .0117942 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 23.62192 | 4.970880 | 4.975976 | 4.851361 | 4.945494 | 4.643771 | 4.644567 |
| #2 | 23.47954 | 5.012760 | 4.977483 | 4.848467 | 4.947678 | 4.623796 | 4.644777 |
| #3 | 23.66397 | 4.985925 | 4.978514 | 4.849165 | 4.967805 | 4.721974 | 4.643740 |

Sample Name: CCV02      Acquired: 5/13/2024 15:21:32      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.611647 | 4.832156 | 4.968272 | z ***** |
| Stddev | .007097  | .022618  | .049086  | -----   |
| %RSD   | .1538886 | .4680688 | .9879822 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.619541 | 4.806276 | 4.912291 | z 2592.803 |
| #2 | 4.609605 | 4.842053 | 4.988581 | z 2595.091 |
| #3 | 4.605795 | 4.848138 | 5.003943 | z 2596.931 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3751.661 | 75137.61 | 9854.245 | 3101.194 | 4486.930 |
| Stddev    | 5.403    | 148.17   | 32.113   | 12.645   | 8.235    |
| %RSD      | .1440126 | .1972005 | .3258766 | .4077463 | .1835306 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3745.520 | 74979.80 | 9885.792 | 3100.556 | 4477.421 |
| #2 | 3753.776 | 75273.76 | 9821.595 | 3114.146 | 4491.615 |
| #3 | 3755.686 | 75159.27 | 9855.348 | 3088.881 | 4491.753 |

Sample Name: CCB02      Acquired: 5/13/2024 15:25:53      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040151 | -.000772 | .0007169 | -.001273 | -.001668 | .0022191 | .0011988 |
| Stddev | .0029058 | .000574  | .0016540 | .002055  | .000875  | .0065996 | .0003698 |
| %RSD   | 72.37283 | 74.30218 | 230.7308 | 161.4068 | 52.44056 | 297.3959 | 30.84473 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056236 | -.001343 | .0009703 | -.002949 | -.000770 | .0097990 | .0009413 |
| #2 | .0057610 | -.000778 | .0022295 | -.001890 | -.002517 | -.002252 | .0016225 |
| #3 | .0006607 | -.000196 | -.001049 | .001020  | -.001717 | -.000890 | .0010327 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000064 | .0000922 | -.005136 | -.000065 | .0002171 | -.000098 | .0017491 |
| Stddev | .000028  | .0000290 | .007924  | .000040  | .0001709 | .000673  | .0043075 |
| %RSD   | 42.99190 | 31.44348 | 154.2732 | 61.66727 | 78.73595 | 685.5013 | 246.2729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000070 | .0001042 | .002843  | -.000079 | .0004143 | -.000659 | .0055616 |
| #2 | -.000034 | .0000592 | -.005247 | -.000020 | .0001262 | -.000284 | -.002924 |
| #3 | -.000089 | .0001133 | -.013003 | -.000095 | .0001108 | .000648  | .002609  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003278 | .0100099 | -.000002 | -.000121 | -.143156 | -.001102 | -.000579 |
| Stddev | .0001680 | .0095000 | .000215  | .000280  | .013393  | .001922  | .000295  |
| %RSD   | 51.24815 | 94.90576 | 11479.47 | 231.4500 | 9.355496 | 174.4921 | 50.98662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001666 | -.000422 | -.000236 | -.000233 | -.158441 | .000337  | -.000877 |
| #2 | .0003149 | .018164  | .000188  | .000198  | -.133477 | -.003285 | -.000574 |
| #3 | .0005018 | .012287  | .000042  | -.000327 | -.137551 | -.000357 | -.000286 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.039786 | .0009286 | .0006229 | -.000661 | .0002359 | .0098012 | .0018676 |
| Stddev | .031826  | .0000234 | .0003752 | .000382  | .0005686 | .0050467 | .0008782 |
| %RSD   | 79.99241 | 2.524118 | 60.24227 | 57.81631 | 240.9780 | 51.49088 | 47.02508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.069410 | .0009359 | .0010555 | -.001023 | -.000385 | .0065933 | .0010576 |
| #2 | -.043807 | .0009476 | .0004277 | -.000262 | .000732  | .0156183 | .0028010 |
| #3 | -.006141 | .0009024 | .0003854 | -.000697 | .000360  | .0071919 | .0017441 |

Sample Name: CCB02      Acquired: 5/13/2024 15:25:53      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0003298 | .0021333 | .0002299 | z ***** |
| Stddev | .0035621 | .0012415 | .0000951 | -----   |
| %RSD   | 1080.164 | 58.19542 | 41.37701 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0034426 | .0008044 | .0003128 | z 2328.200 |
| #2 | -.003555 | .0023321 | .0002509 | z 2340.274 |
| #3 | .001102  | .0032634 | .0001260 | z 2338.450 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3819.430 | 76913.80 | 9886.192 | 3205.437 | 4711.889 |
| Stddev    | 4.135    | 146.52   | 20.799   | 5.740    | 8.237    |
| %RSD      | .1082541 | .1904969 | .2103807 | .1790785 | .1748157 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3814.711 | 76926.37 | 9901.576 | 3198.824 | 4702.555 |
| #2 | 3822.416 | 76761.40 | 9862.529 | 3209.140 | 4718.138 |
| #3 | 3821.163 | 77053.63 | 9894.472 | 3208.346 | 4714.975 |

Sample Name: P2415-02MS      Acquired: 5/13/2024 15:30:21      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9140827 | 2.093136 | 1.067827 | 2.186741 | .8371561 | 2.194832 | .5568358 |
| Stddev | .0026853 | .010687  | .001969  | .006524  | .0023288 | .011946  | .0033352 |
| %RSD   | .2937651 | .5105662 | .1843703 | .2983550 | .2781861 | .5442593 | .5989570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9124843 | 2.086775 | 1.067116 | 2.180757 | .8388449 | 2.199567 | .5531466 |
| #2 | .9125809 | 2.105475 | 1.070053 | 2.185771 | .8344994 | 2.181244 | .5577233 |
| #3 | .9171829 | 2.087160 | 1.066313 | 2.193697 | .8381241 | 2.203683 | .5596375 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2196528 | .2130352 | 171.3583 | .4303969 | .2180056 | .3363592 | 3.332907 |
| Stddev | .0003101 | .0004523 | .3995    | .0009792 | .0007372 | .0005548 | .009221  |
| %RSD   | .1411980 | .2123142 | .2331179 | .2275138 | .3381530 | .1649301 | .2766729 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2198371 | .2132530 | 171.0234 | .4314060 | .2185944 | .3357542 | 3.322872 |
| #2 | .2192948 | .2133375 | 171.2509 | .4303341 | .2182437 | .3364796 | 3.341009 |
| #3 | .2198266 | .2125152 | 171.8004 | .4294506 | .2171788 | .3368440 | 3.334839 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4306109 | 5.631272 | .5514166 | .0810224 | 323.6438 | .3287462 | .3616314 |
| Stddev | .0009088 | .013653  | .0006786 | .0007076 | 1.8694   | .0005699 | .0004987 |
| %RSD   | .2110566 | .2424478 | .1230635 | .8733178 | .5776252 | .1733417 | .1379086 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4303879 | 5.646157 | .5512698 | .0816513 | 323.5494 | .3283151 | .3616801 |
| #2 | .4298343 | 5.619331 | .5521566 | .0802563 | 321.8234 | .3293923 | .3611101 |
| #3 | .4316105 | 5.628329 | .5508235 | .0811598 | 325.5587 | .3285313 | .3621040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.49557 | .3438776 | .4275174 | .7216392 | .2051792 | 2.059748 | 6.405812 |
| Stddev | .06325   | .0022245 | .0002869 | .0024875 | .0005953 | .016212  | .011306  |
| %RSD   | .5061497 | .6468745 | .0670976 | .3446974 | .2901197 | .7870813 | .1765010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.42301 | .3423415 | .4276870 | .7234168 | .2049518 | 2.076021 | 6.415045 |
| #2 | 12.52464 | .3428627 | .4271862 | .7227042 | .2047313 | 2.059624 | 6.409189 |
| #3 | 12.53905 | .3464285 | .4276791 | .7187965 | .2058547 | 2.043598 | 6.393202 |

Sample Name: P2415-02MS      Acquired: 5/13/2024 15:30:21      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.091098 | .2217718 | .4728060 | z ***** |
| Stddev | .001661  | .0019242 | .0013525 | -----   |
| %RSD   | .1522420 | .8676349 | .2860560 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.089332 | .2195501 | .4712478 | z 12027.23 |
| #2 | 1.092629 | .2228943 | .4736752 | z 12002.89 |
| #3 | 1.091334 | .2228712 | .4734950 | z 12012.98 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3526.660 | 72878.27 | 10019.38 | 2994.132 | 4128.026 |
| Stddev    | 6.075    | 17.42    | 23.22    | 9.479    | 3.535    |
| %RSD      | .1722544 | .0238967 | .2317659 | .3165706 | .0856461 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3532.474 | 72889.24 | 10019.09 | 3004.642 | 4131.300 |
| #2 | 3527.151 | 72887.38 | 10042.75 | 2991.523 | 4124.277 |
| #3 | 3520.354 | 72858.19 | 9996.31  | 2986.232 | 4128.502 |

Sample Name: P2415-02MSD      Acquired: 5/13/2024 15:34:43      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9143575 | 2.064461 | 1.060766 | 2.193847 | .8518776 | 2.183715 | .5542537 |
| Stddev | .0085857 | .005169  | .002443  | .008517  | .0053406 | .032006  | .0073734 |
| %RSD   | .9389884 | .2503745 | .2302875 | .3882295 | .6269202 | 1.465663 | 1.330331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9159154 | 2.066363 | 1.058485 | 2.187808 | .8474201 | 2.146832 | .5457396 |
| #2 | .9050995 | 2.058611 | 1.060470 | 2.190144 | .8504158 | 2.204186 | .5585174 |
| #3 | .9220575 | 2.068410 | 1.063344 | 2.203589 | .8577969 | 2.200127 | .5585040 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2132875 | .2114488 | 167.9496 | .4191957 | .2162640 | .3357042 | 3.266117 |
| Stddev | .0024559 | .0002987 | 2.3564   | .0008963 | .0006066 | .0002604 | .019202  |
| %RSD   | 1.151438 | .1412391 | 1.403068 | .2138185 | .2804868 | .0775644 | .5879043 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2104979 | .2112915 | 165.2599 | .4192190 | .2157522 | .3358535 | 3.259362 |
| #2 | .2142410 | .2112616 | 168.9381 | .4200801 | .2169340 | .3354036 | 3.287783 |
| #3 | .2151237 | .2117932 | 169.6507 | .4182879 | .2161057 | .3358557 | 3.251205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4217390 | 5.465956 | .5464077 | .0802402 | 320.7111 | .3200914 | .3717302 |
| Stddev | .0063828 | .068908  | .0007972 | .0004730 | 2.6858   | .0060922 | .0008604 |
| %RSD   | 1.513444 | 1.260683 | .1459059 | .5894625 | .8374553 | 1.903283 | .2314652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4143912 | 5.393625 | .5460573 | .0807651 | 317.8872 | .3130575 | .3715547 |
| #2 | .4249151 | 5.473404 | .5473201 | .0798471 | 321.0128 | .3237034 | .3726649 |
| #3 | .4259106 | 5.530837 | .5458456 | .0801085 | 323.2333 | .3235133 | .3709711 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.48420 | .3344216 | .4324546 | .7195764 | .2032024 | 2.024851 | 6.302798 |
| Stddev | .07517   | .0037072 | .0013889 | .0010267 | .0037683 | .023388  | .004246  |
| %RSD   | .6020944 | 1.108547 | .3211663 | .1426827 | 1.854435 | 1.155045 | .0673662 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.40644 | .3301863 | .4324443 | .7184521 | .1990896 | 2.007948 | 6.298167 |
| #2 | 12.55647 | .3360002 | .4310709 | .7204641 | .2064889 | 2.015063 | 6.306508 |
| #3 | 12.48968 | .3370782 | .4338486 | .7198131 | .2040287 | 2.051543 | 6.303717 |



Sample Name: P2415-02MSD      Acquired: 5/13/2024 15:34:43      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.083051 | .2199094 | .4691634 | z ***** |
| Stddev | .006665  | .0049803 | .0074355 | -----   |
| %RSD   | .6154171 | 2.264709 | 1.584837 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.076804 | .2167511 | .4605781 | z 12195.33 |
| #2 | 1.090068 | .2173266 | .4733749 | z 12187.99 |
| #3 | 1.082280 | .2256506 | .4735371 | z 12166.17 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3512.667 | 74145.89 | 10231.67 | 2980.257 | 4140.302 |
| Stddev    | 8.474    | 89.98    | 118.00   | 10.786   | 5.133    |
| %RSD      | .2412391 | .1213615 | 1.153276 | .3619000 | .1239878 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3513.884 | 74239.07 | 10364.63 | 2990.792 | 4145.104 |
| #2 | 3520.467 | 74059.48 | 10190.97 | 2969.237 | 4140.909 |
| #3 | 3503.651 | 74139.13 | 10139.41 | 2980.740 | 4134.892 |

Sample Name: P2415-02A      Acquired: 5/13/2024 15:39:04      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9228971 | 2.088154 | 1.066732 | 2.225268 | .8447506 | 2.215350 | .5587725 |
| Stddev | .0145128 | .021405  | .016411  | .029757  | .0079196 | .005646  | .0051081 |
| %RSD   | 1.572530 | 1.025070 | 1.538449 | 1.337230 | .9375069 | .2548765 | .9141733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9230537 | 2.090597 | 1.071919 | 2.235159 | .8463686 | 2.212810 | .5532788 |
| #2 | .9083065 | 2.065633 | 1.048354 | 2.191825 | .8361469 | 2.211420 | .5596597 |
| #3 | .9373309 | 2.108233 | 1.079922 | 2.248819 | .8517362 | 2.221820 | .5633788 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2142437 | .2123622 | 168.6782 | .4295167 | .2175334 | .3394514 | 3.397425 |
| Stddev | .0015778 | .0032862 | 1.0648   | .0016999 | .0034105 | .0048109 | .009337  |
| %RSD   | .7364491 | 1.547470 | .6312536 | .3957655 | 1.567806 | 1.417267 | .2748287 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2127186 | .2133001 | 167.5198 | .4287155 | .2188726 | .3405154 | 3.386925 |
| #2 | .2141431 | .2087089 | 168.9004 | .4283655 | .2136566 | .3341976 | 3.404796 |
| #3 | .2158694 | .2150775 | 169.6143 | .4314691 | .2200711 | .3436413 | 3.400554 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4261855 | 5.488112 | .5490949 | .0817711 | 328.8395 | .3246567 | .3644194 |
| Stddev | .0034138 | .030012  | .0084816 | .0001689 | 3.5047   | .0022302 | .0012448 |
| %RSD   | .8010120 | .5468609 | 1.544657 | .2064987 | 1.065776 | .6869258 | .3415855 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4222451 | 5.469147 | .5511257 | .0818292 | 326.4556 | .3252455 | .3629996 |
| #2 | .4280604 | 5.472475 | .5397823 | .0819032 | 327.1993 | .3221913 | .3649354 |
| #3 | .4282510 | 5.522714 | .5563768 | .0815808 | 332.8635 | .3265335 | .3653232 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.91121 | .3361975 | .4300045 | .7103834 | .2037932 | 2.071503 | 6.300089 |
| Stddev | .07009   | .0034613 | .0060110 | .0095872 | .0023346 | .011331  | .085572  |
| %RSD   | .5428535 | 1.029550 | 1.397900 | 1.349579 | 1.145563 | .5469999 | 1.358263 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.84212 | .3340451 | .4305191 | .7140982 | .2011227 | 2.059868 | 6.335736 |
| #2 | 12.98226 | .3343571 | .4237527 | .6994947 | .2054476 | 2.072137 | 6.202456 |
| #3 | 12.90924 | .3401902 | .4357417 | .7175573 | .2048092 | 2.082503 | 6.362074 |

Sample Name: P2415-02A      Acquired: 5/13/2024 15:39:04      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.076046 | .2216185 | .4751049 | z ***** |
| Stddev | .017923  | .0014612 | .0042655 | -----   |
| %RSD   | 1.665589 | .6593366 | .8977926 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.085340 | .2212574 | .4703355 | z 12146.70 |
| #2 | 1.055386 | .2203717 | .4764250 | z 12127.37 |
| #3 | 1.087414 | .2232264 | .4785544 | z 12132.47 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3524.974 | 73599.55 | 10381.45 | 2970.853 | 4165.755 |
| Stddev    | 42.220   | 177.84   | 75.76    | 4.263    | 53.648   |
| %RSD      | 1.197736 | .2416374 | .7297212 | .1434981 | 1.287841 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3519.436 | 73781.54 | 10455.39 | 2974.832 | 4155.038 |
| #2 | 3569.690 | 73590.96 | 10384.95 | 2966.354 | 4223.953 |
| #3 | 3485.797 | 73426.16 | 10304.00 | 2971.372 | 4118.274 |

Sample Name: P2414-02      Acquired: 5/13/2024 15:43:26      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0016891 | -.000780 | .0035094 | -.002529 | .0002229 | .0207275 | .3718238 |
| Stddev | .0037386 | .000781  | .0003753 | .003402  | .0015331 | .0110445 | .0018204 |
| %RSD   | 221.3358 | 100.1574 | 10.69535 | 134.5120 | 687.7163 | 53.28401 | .4895743 |
| #1     | .0034939 | -.001630 | .0039141 | -.002363 | -.001166 | .0242648 | .3701988 |
| #2     | -.002609 | -.000093 | .0034414 | -.006012 | .001868  | .0083478 | .3737910 |
| #3     | .004183  | -.000618 | .0031727 | .000787  | -.000033 | .0295700 | .3714817 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000232 | .0006358 | 146.2612 | .0026232 | -.000323 | .0070389 | .0430971 |
| Stddev | .0000374 | .0000153 | .6668    | .0001570 | .000298  | .0005213 | .0064362 |
| %RSD   | 161.0757 | 2.412015 | .4558868 | 5.984938 | 92.24875 | 7.405535 | 14.93417 |
| #1     | .0000328 | .0006181 | 145.4924 | .0027366 | -.000647 | .0066425 | .0491059 |
| #2     | -.000018 | .0006453 | 146.6818 | .0024440 | -.000263 | .0076293 | .0438801 |
| #3     | .000055  | .0006441 | 146.6094 | .0026890 | -.000060 | .0068447 | .0363052 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0411086 | 4.946130 | .0017139 | .0000460 | 353.3275 | .0001260 | .1437103 |
| Stddev | .0001187 | .040690  | .0002051 | .0001401 | 2.0052   | .0027197 | .0006280 |
| %RSD   | .2887715 | .8226610 | 11.96515 | 304.5803 | .5675116 | 2158.123 | .4369728 |
| #1     | .0410613 | 4.905441 | .0019046 | -.000047 | 351.5103 | .0022765 | .1430217 |
| #2     | .0410209 | 4.986821 | .0017403 | -.000023 | 355.4787 | .0010328 | .1438577 |
| #3     | .0412437 | 4.946127 | .0014970 | .000207  | 352.9935 | -.002931 | .1442514 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.199231 | .0441059 | .0004064 | -.005744 | -.003221 | .7777949 | .0555859 |
| Stddev | .009859  | .0008255 | .0002047 | .000572  | .000049  | .0223698 | .0008472 |
| %RSD   | .8221013 | 1.871549 | 50.36843 | 9.954966 | 1.525310 | 2.876048 | 1.524090 |
| #1     | 1.193154 | .0441239 | .0002381 | -.006254 | -.003167 | .7728653 | .0565364 |
| #2     | 1.210607 | .0432716 | .0003468 | -.005852 | -.003264 | .8022183 | .0553114 |
| #3     | 1.193934 | .0449223 | .0006343 | -.005126 | -.003231 | .7583011 | .0549101 |

Sample Name: P2414-02      Acquired: 5/13/2024 15:43:26      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .9618142 | .0119961 | .2676666 | z ***** |
| Stddev | .0029312 | .0006725 | .0010492 | -----   |
| %RSD   | .3047524 | 5.606209 | .3919725 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .9604381 | .0127338 | .2664556 | z 2548.621 |
| #2 | .9598244 | .0118375 | .2682439 | z 2549.162 |
| #3 | .9651802 | .0114171 | .2683004 | z 2556.105 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3494.836 | 74673.16 | 10315.87 | 3006.389 | 4137.530 |
| Stddev    | 10.964   | 85.27    | 29.60    | 6.071    | 9.344    |
| %RSD      | .3137259 | .1141944 | .2869103 | .2019503 | .2258341 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3507.466 | 74716.51 | 10349.97 | 3012.480 | 4145.344 |
| #2 | 3489.285 | 74728.06 | 10296.91 | 3000.337 | 4140.065 |
| #3 | 3487.758 | 74574.93 | 10300.72 | 3006.348 | 4127.180 |

Sample Name: PB160758TB      Acquired: 5/13/2024 15:48:01      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0006461 | -.001224 | -.000141 | -.000996 | -.000610 | -.005177 | -.000788 |
| Stddev | .0029065 | .001429  | .001496  | .001565  | .001907  | .009686  | .000893  |
| %RSD   | 449.8353 | 116.7259 | 1061.200 | 157.1676 | 312.8223 | 187.1038 | 113.2700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033916 | .000368  | -.001841 | -.000328 | -.002752 | -.016160 | -.001349 |
| #2 | -.002398 | -.001644 | .000445  | -.002785 | .000903  | -.001512 | -.001257 |
| #3 | .000945  | -.002397 | .000973  | .000124  | .000020  | .002142  | .000241  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000030 | .0000028 | .0105747 | -.000121 | .0000883 | .0003440 | .0049224 |
| Stddev | .000059  | .0000596 | .0051251 | .000180  | .0001864 | .0003683 | .0026482 |
| %RSD   | 197.3446 | 2122.686 | 48.46576 | 149.0979 | 211.1761 | 107.0656 | 53.79898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000008 | .0000369 | .0164916 | -.000247 | -.000064 | .0000689 | .0024832 |
| #2 | .000015  | .0000375 | .0077113 | -.000200 | .000296  | .0002006 | .0045449 |
| #3 | -.000097 | -.000066 | .0075211 | .000085  | .000033  | .0007624 | .0077391 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000068 | -.004232 | -.000060 | .0002731 | .2293091 | -.000928 | .0004890 |
| Stddev | .000250  | .008579  | .000132  | .0003803 | .0320341 | .001250  | .0001483 |
| %RSD   | 365.8213 | 202.7115 | 219.1672 | 139.2436 | 13.96983 | 134.7122 | 30.32816 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000353 | -.012593 | -.000151 | .0002850 | .2455499 | -.002354 | .0006542 |
| #2 | .000118  | -.004654 | .000091  | -.000113 | .2499700 | -.000403 | .0004460 |
| #3 | .000030  | .004550  | -.000121 | .000647  | .1924075 | -.000026 | .0003670 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0230998 | -.004739 | .0000693 | -.000657 | -.000474 | .0173086 | .0037684 |
| Stddev | .0118417 | .000811  | .0002556 | .000196  | .000389  | .0033328 | .0009775 |
| %RSD   | 51.26325 | 17.11174 | 368.6039 | 29.87752 | 82.17406 | 19.25494 | 25.94024 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0102578 | -.004000 | -.000081 | -.000441 | -.000701 | .0155017 | .0033011 |
| #2 | .0335875 | -.005606 | .000364  | -.000823 | -.000024 | .0211547 | .0031123 |
| #3 | .0254540 | -.004611 | -.000075 | -.000707 | -.000696 | .0152695 | .0048919 |

Sample Name: PB160758TB      Acquired: 5/13/2024 15:48:01      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000163</b> | <b>.0029889</b> | <b>-.000009</b> | <b>z *****</b> |
| Stddev | .003650         | .0008439        | .000009         | -----          |
| %RSD   | 2237.710        | 28.23443        | 92.42328        | -----          |

|    |          |          |          |                   |
|----|----------|----------|----------|-------------------|
| #1 | .002624  | .0034732 | -.000017 | <b>z 2228.313</b> |
| #2 | -.004295 | .0034791 | .000000  | <b>z 2237.510</b> |
| #3 | .001181  | .0020145 | -.000011 | <b>z 2234.709</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>3803.614</b> | <b>78016.07</b> | <b>10449.35</b> | <b>3195.773</b> | <b>4722.387</b> |
| Stddev    | 6.718           | 135.72          | 49.69           | 11.598          | 8.359           |
| %RSD      | .1766179        | .1739610        | .4754967        | .3629321        | .1770097        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3797.169 | 77867.98 | 10392.31 | 3182.875 | 4712.917 |
| #2 | 3803.099 | 78045.72 | 10472.51 | 3205.346 | 4725.505 |
| #3 | 3810.575 | 78134.51 | 10483.22 | 3199.099 | 4728.739 |

Sample Name: PB160821BL      Acquired: 5/13/2024 15:52:27      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0015862 | -.000931 | -.000134 | -.002973 | -.001266 | -.000998 | -.000201 |
| Stddev | .0022746 | .001435  | .000570  | .001668  | .001410  | .004300  | .000261  |
| %RSD   | 143.3990 | 154.0049 | 427.0070 | 56.10111 | 111.4202 | 430.9506 | 129.9571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022237 | -.000012 | .000139  | -.004829 | -.000215 | -.005825 | -.000235 |
| #2 | -.000939 | -.002584 | .000249  | -.002491 | -.000713 | .000406  | -.000444 |
| #3 | .003474  | -.000198 | -.000789 | -.001599 | -.002868 | .002425  | .000076  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000023 | -.000077 | .0019633 | .0001364 | .0001476 | -.000029 | .0018319 |
| Stddev | .000030  | .000091  | .0071519 | .0001456 | .0000791 | .000208  | .0046618 |
| %RSD   | 130.7721 | 117.9083 | 364.2735 | 106.7133 | 53.56775 | 723.6486 | 254.4717 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000002 | -.000129 | .0027593 | -.000031 | .0002217 | -.000076 | -.001668 |
| #2 | -.000057 | -.000131 | -.005553 | .000205  | .0000644 | -.000210 | .000040  |
| #3 | -.000009 | .000028  | .008684  | .000235  | .0001567 | .000199  | .007124  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000049 | -.008382 | -.000113 | .0001138 | -.140114 | -.000752 | .0003767 |
| Stddev | .0001716 | .007218  | .000215  | .0000715 | .019518  | .001126  | .0002803 |
| %RSD   | 3503.414 | 86.11030 | 190.6019 | 62.79739 | 13.92980 | 149.6876 | 74.41847 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001676 | -.006619 | -.000117 | .0001797 | -.155703 | -.000012 | .0001222 |
| #2 | .0000215 | -.002209 | .000104  | .0001239 | -.146415 | -.002048 | .0006772 |
| #3 | -.000174 | -.016318 | -.000326 | .0000378 | -.118224 | -.000197 | .0003307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.037226 | -.005483 | -.000107 | -.000618 | -.000788 | .0063700 | .0024011 |
| Stddev | .042817  | .000510  | .000232  | .000696  | .000513  | .0064405 | .0017067 |
| %RSD   | 115.0193 | 9.298246 | 217.7087 | 112.6018 | 65.12136 | 101.1065 | 71.07957 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.015728 | -.005728 | -.000069 | -.001252 | -.000197 | -.001052 | .0041950 |
| #2 | -.009418 | -.004897 | -.000355 | -.000729 | -.001116 | .009671  | .0007975 |
| #3 | -.086533 | -.005824 | .000104  | .000127  | -.001051 | .010491  | .0022108 |



Sample Name: PB160821BL      Acquired: 5/13/2024 15:52:27      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0014523 | .0001207 | -.000055 | z ***** |
| Stddev | .0026282 | .0005561 | .000021  | -----   |
| %RSD   | 180.9724 | 460.6402 | 38.18243 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | -.001272 | -.000465 | -.000077 | z 2228.150 |
| #2 | .003973  | .000186  | -.000053 | z 2221.773 |
| #3 | .001656  | .000641  | -.000035 | z 2245.903 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3831.099 | 78035.65 | 10380.40 | 3200.267 | 4757.159 |
| Stddev    | 1.394    | 215.64   | 32.54    | 11.976   | 2.709    |
| %RSD      | .0363844 | .2763303 | .3134900 | .3742172 | .0569543 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3831.090 | 77936.20 | 10355.69 | 3189.785 | 4757.255 |
| #2 | 3832.498 | 78283.06 | 10368.24 | 3213.319 | 4754.403 |
| #3 | 3829.710 | 77887.68 | 10417.27 | 3197.697 | 4759.819 |

Sample Name: PB160821BS      Acquired: 5/13/2024 15:56:53      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8551796 | 2.068163 | 1.021871 | 2.123118 | .8008435 | 2.146241 |
| Stddev | .0020054 | .004257  | .003541  | .003342  | .0003739 | .011502  |
| %RSD   | .2345020 | .2058367 | .3465177 | .1574281 | .0466833 | .5359279 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8570703 | 2.066214 | 1.020179 | 2.119623 | .8011620 | 2.136266 |
| #2 | .8530764 | 2.065229 | 1.019493 | 2.126284 | .8009365 | 2.143634 |
| #3 | .8553922 | 2.073045 | 1.025940 | 2.123448 | .8004319 | 2.158823 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2190007 | .2093426 | .2034769 | 1.113821 | .4275914 | .2094574 |
| Stddev | .0019458 | .0015910 | .0004578 | .003350  | .0113555 | .0002089 |
| %RSD   | .8885071 | .7600195 | .2250147 | .3007574 | 2.655684 | .0997144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2204649 | .2084973 | .2031115 | 1.110095 | .4220573 | .2093001 |
| #2 | .2167927 | .2083526 | .2033288 | 1.114784 | .4200639 | .2096943 |
| #3 | .2197445 | .2111779 | .2039905 | 1.116584 | .4406530 | .2093776 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3329537 | 3.262583 | .2185105 | 2.058374 | .5318511 | .0771578 |
| Stddev | .0004460 | .081054  | .0010363 | .010808  | .0010690 | .0019993 |
| %RSD   | .1339512 | 2.484351 | .4742520 | .5250939 | .2009988 | 2.591160 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3325651 | 3.212181 | .2175139 | 2.046194 | .5308183 | .0758016 |
| #2 | .3334407 | 3.219486 | .2184351 | 2.066822 | .5317821 | .0762179 |
| #3 | .3328552 | 3.356081 | .2195824 | 2.062106 | .5329530 | .0794538 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.897899 | .3121338 | .2195380 | 10.32330 | .2941178 | .4120764 |
| Stddev | .088743  | .0002745 | .0057951 | .27343   | .0025630 | .0002608 |
| %RSD   | 3.062336 | .0879348 | 2.639681 | 2.648670 | .8714371 | .0632949 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.869828 | .3123006 | .2158887 | 10.17233 | .2950359 | .4121585 |
| #2 | 2.826585 | .3118170 | .2165052 | 10.15864 | .2912222 | .4122864 |
| #3 | 2.997283 | .3122837 | .2262201 | 10.63893 | .2960954 | .4117845 |

Sample Name: PB160821BS      Acquired: 5/13/2024 15:56:53      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .6811838 | .2014662 | .8498500 | 5.461211 | F -.003786 | .1928672 |
| Stddev | .0009589 | .0005392 | .0247624 | .018645  | .002433    | .0021824 |
| %RSD   | .1407638 | .2676241 | 2.913742 | .3414037 | 64.26455   | 1.131556 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6808484 | .2019354 | .8374173 | 5.472491 | -.006543 | .1949087 |
| #2 | .6804377 | .2008772 | .8337672 | 5.439691 | -.001937 | .1905669 |
| #3 | .6822653 | .2015860 | .8783654 | 5.471453 | -.002879 | .1931259 |

| Elem   | Sr4077   | Ce4040  |
|--------|----------|---------|
| Units  | ppm      | Cts/S   |
| Avg    | .2055321 | z ***** |
| Stddev | .0010381 | -----   |
| %RSD   | .5050954 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .2064160 | z 12275.83 |
| #2 | .2043889 | z 12327.93 |
| #3 | .2057914 | z 12386.52 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | ln2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3811.102 | 77476.86 | 10520.63 | 3158.180 | 4711.398 |
| Stddev    | 3.058    | 1603.92  | 26.62    | 59.270   | 3.333    |
| %RSD      | .0802277 | 2.070199 | .2530228 | 1.876722 | .0707335 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3807.814 | 78268.41 | 10519.80 | 3195.898 | 4711.174 |
| #2 | 3811.631 | 78531.14 | 10547.66 | 3188.776 | 4714.836 |
| #3 | 3813.860 | 75631.03 | 10494.44 | 3089.864 | 4708.182 |

Sample Name: P2398-01DLX5      Acquired: 5/13/2024 16:01:05      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0117563 | -.005788 | .0327678 | -.009889 | -.001813 | 39.24854 | .2398669 |
| Stddev | .0020602 | .000660  | .0015360 | .003403  | .000697  | .14367   | .0004454 |
| %RSD   | 17.52395 | 11.39712 | 4.687451 | 34.41264 | 38.44887 | .3660589 | .1856828 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0094564 | -.005700 | .0324936 | -.007294 | -.001842 | 39.08856 | .2403272 |
| #2 | .0123796 | -.006487 | .0313874 | -.013742 | -.002495 | 39.36655 | .2394381 |
| #3 | .0134329 | -.005176 | .0344224 | -.008631 | -.001102 | 39.29052 | .2398353 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040699 | -.003068 | 7.600950 | .0601244 | .0397668 | .1476261 | 68.81447 |
| Stddev | .0001260 | .000007  | .019002  | .0000657 | .0002809 | .0007325 | .20333   |
| %RSD   | 3.096452 | .2158296 | .2499923 | .1092123 | .7062502 | .4961627 | .2954741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0041968 | -.003075 | 7.579879 | .0600650 | .0399347 | .1484246 | 68.68897 |
| #2 | .0039447 | -.003061 | 7.606184 | .0601132 | .0394426 | .1469854 | 68.70537 |
| #3 | .0040682 | -.003067 | 7.616785 | .0601949 | .0399232 | .1474684 | 69.04906 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.927887 | 17.98473 | .0844113 | .0000204 | .3008762 | .0682262 | .2518196 |
| Stddev | .003171  | .07168   | .0000775 | .0001910 | .0075282 | .0023091 | .0008918 |
| %RSD   | .1644580 | .3985574 | .0918460 | 935.9107 | 2.502097 | 3.384556 | .3541549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.926233 | 18.04176 | .0844597 | .0001357 | .2953716 | .0706766 | .2510968 |
| #2 | 1.925885 | 17.90426 | .0844523 | -.000200 | .3094551 | .0679116 | .2515457 |
| #3 | 1.931542 | 18.00816 | .0843219 | .000126  | .2978020 | .0660905 | .2528162 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.615500 | .0518843 | -.000303 | .0023363 | .4605723 | 7.201290 | .7948460 |
| Stddev | .015354  | .0020618 | .000206  | .0002308 | .0026227 | .049109  | .0029589 |
| %RSD   | .3326530 | 3.973838 | 68.00707 | 9.878177 | .5694360 | .6819493 | .3722606 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.597779 | .0495077 | -.000150 | .0025976 | .4583367 | 7.233266 | .7982623 |
| #2 | 4.624826 | .0529521 | -.000537 | .0022509 | .4599210 | 7.144745 | .7930978 |
| #3 | 4.623894 | .0531933 | -.000222 | .0021603 | .4634593 | 7.225858 | .7931778 |

Sample Name: P2398-01DLX5      Acquired: 5/13/2024 16:01:05      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0490257 | .0880609 | -.013528 | z ***** |
| Stddev | .0012025 | .0020061 | .000297  | -----   |
| %RSD   | 2.452742 | 2.278046 | 2.194352 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0493636 | .0884084 | -.013240 | z 3198.352 |
| #2 | .0500231 | .0898706 | -.013511 | z 3203.393 |
| #3 | .0476905 | .0859039 | -.013833 | z 3195.858 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3916.347 | 80264.16 | 11071.38 | 3293.866 | 4597.612 |
| Stddev    | 4.932    | 193.38   | 21.95    | 3.678    | 8.290    |
| %RSD      | .1259286 | .2409284 | .1982774 | .1116678 | .1803166 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3914.903 | 80041.15 | 11046.14 | 3291.027 | 4592.193 |
| #2 | 3921.840 | 80385.46 | 11082.01 | 3292.550 | 4607.155 |
| #3 | 3912.298 | 80365.87 | 11086.00 | 3298.022 | 4593.487 |

Sample Name: P2414-01DLX5      Acquired: 5/13/2024 16:05:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0260452 | -.011089 | .6328208 | -.012086 | -.001111 | 40.76716 | .3743388 |
| Stddev | .0018339 | .000284  | .0009357 | .000373  | .004160  | .13359   | .0008029 |
| %RSD   | 7.041115 | 2.561532 | .1478681 | 3.083934 | 374.4717 | .3276990 | .2144822 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0262677 | -.010816 | .6317862 | -.012293 | -.005715 | 40.61297 | .3734281 |
| #2 | .0241102 | -.011069 | .6336078 | -.011656 | .000007  | 40.84817 | .3746441 |
| #3 | .0277577 | -.011383 | .6330686 | -.012310 | .002376  | 40.84034 | .3749442 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039105 | .0007129 | 221.4816 | .0914241 | .0405852 | .1430222 | 81.01105 |
| Stddev | .0000723 | .0001014 | 1.1087   | .0002482 | .0000546 | .0001361 | .12832   |
| %RSD   | 1.850067 | 14.22425 | .5005915 | .2714507 | .1345774 | .0951702 | .1583957 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039247 | .0007864 | 220.2152 | .0916861 | .0405254 | .1431564 | 80.86612 |
| #2 | .0038321 | .0007552 | 221.9522 | .0911925 | .0405977 | .1430259 | 81.05681 |
| #3 | .0039747 | .0005972 | 222.2774 | .0913939 | .0406325 | .1428842 | 81.11020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.752339 | 103.3673 | .0937751 | -.000120 | .0989671 | .0850896 | 1.074519 |
| Stddev | .016257  | .6965    | .0004165 | .000194  | .0242508 | .0015739 | .001754  |
| %RSD   | .4332375 | .6738233 | .4441781 | 162.3356 | 24.50386 | 1.849671 | .1632124 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.733788 | 102.6378 | .0933117 | -.000199 | .0713697 | .0839916 | 1.073554 |
| #2 | 3.759127 | 103.4388 | .0938952 | .000102  | .1086570 | .0868928 | 1.073460 |
| #3 | 3.764101 | 104.0253 | .0941184 | -.000262 | .1168748 | .0843846 | 1.076544 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.714823 | .0521985 | .0012574 | .0233324 | .3476229 | 4.965094 | 2.854198 |
| Stddev | .015133  | .0010843 | .0004816 | .0001807 | .0010811 | .023738  | .011645  |
| %RSD   | .3209686 | 2.077250 | 38.29997 | .7746384 | .3110107 | .4780912 | .4079800 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.710746 | .0523033 | .0007233 | .0231454 | .3463817 | 4.937785 | 2.840777 |
| #2 | 4.731577 | .0532266 | .0016585 | .0235062 | .3481271 | 4.976705 | 2.860213 |
| #3 | 4.702146 | .0510656 | .0013902 | .0233455 | .3483598 | 4.980790 | 2.861606 |

Sample Name: P2414-01DLX5      Acquired: 5/13/2024 16:05:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.200913 | .0872216 | .0790949 | z ***** |
| Stddev | .004958  | .0002403 | .0005104 | -----   |
| %RSD   | .4128712 | .2754945 | .6453455 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.203155 | .0870005 | .0785104 | z 3513.797 |
| #2 | 1.204354 | .0871869 | .0794527 | z 3511.593 |
| #3 | 1.195230 | .0874773 | .0793217 | z 3512.977 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3666.959 | 76929.48 | 10592.05 | 3098.756 | 4176.556 |
| Stddev    | 7.633    | 130.82   | 15.61    | 3.946    | 2.258    |
| %RSD      | .2081586 | .1700507 | .1473816 | .1273493 | .0540608 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3658.421 | 76780.68 | 10609.35 | 3098.414 | 4179.158 |
| #2 | 3673.123 | 76981.34 | 10587.79 | 3094.992 | 4175.108 |
| #3 | 3669.334 | 77026.41 | 10579.02 | 3102.862 | 4175.403 |

Sample Name: P2415-01DLX5      Acquired: 5/13/2024 16:09:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0320694 | -.009780 | .3162651 | -.009246 | .0011282 | 55.44392 | .4842815 |
| Stddev | .0040807 | .001620  | .0078020 | .002814  | .0010289 | .49917   | .0036861 |
| %RSD   | 12.72458 | 16.56368 | 2.466924 | 30.43326 | 91.19791 | .9003161 | .7611427 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0367806 | -.009008 | .3081900 | -.006058 | .0004876 | 54.87400 | .4801310 |
| #2 | .0297892 | -.011642 | .3168433 | -.011383 | .0005819 | 55.65429 | .4855400 |
| #3 | .0296384 | -.008691 | .3237619 | -.010299 | .0023150 | 55.80348 | .4871735 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047950 | -.000805 | 154.1964 | .1535732 | .0532768 | .2150249 | 93.26899 |
| Stddev | .0001230 | .000098  | 1.3400   | .0003374 | .0009100 | .0033208 | .25562   |
| %RSD   | 2.566060 | 12.23139 | .8690521 | .2196934 | 1.708075 | 1.544365 | .2740663 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046643 | -.000885 | 152.6743 | .1534401 | .0522352 | .2112667 | 93.06390 |
| #2 | .0048120 | -.000835 | 154.7164 | .1533226 | .0536776 | .2162454 | 93.55537 |
| #3 | .0049086 | -.000695 | 155.1985 | .1539568 | .0539177 | .2175628 | 93.18771 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.969638 | 29.87024 | .1448148 | .0002042 | .2874789 | .1350846 | .6387332 |
| Stddev | .013416  | .23715   | .0019436 | .0003136 | .0204720 | .0003552 | .0026307 |
| %RSD   | .6811606 | .7939228 | 1.342161 | 153.5731 | 7.121207 | .2629168 | .4118579 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.955696 | 29.72503 | .1426082 | -.000156 | .2638661 | .1353246 | .6360672 |
| #2 | 1.970760 | 29.74180 | .1455631 | .000351  | .3002475 | .1352527 | .6388053 |
| #3 | 1.982458 | 30.14391 | .1462731 | .000417  | .2983232 | .1346767 | .6413270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.875309 | .0619682 | .0093904 | .0087684 | .2881161 | 2.272638 | 5.129555 |
| Stddev | .029946  | .0018225 | .0002884 | .0008065 | .0018921 | .010426  | .080870  |
| %RSD   | .6142439 | 2.941034 | 3.071313 | 9.197902 | .6567201 | .4587765 | 1.576546 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.866934 | .0626282 | .0091994 | .0085562 | .2859854 | 2.263003 | 5.039707 |
| #2 | 4.908552 | .0633688 | .0097221 | .0096598 | .2887629 | 2.271204 | 5.152445 |
| #3 | 4.850443 | .0599077 | .0092496 | .0080893 | .2896001 | 2.283707 | 5.196512 |



Sample Name: P2415-01DLX5      Acquired: 5/13/2024 16:09:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.423855 | .0874414 | .1525020 | z ***** |
| Stddev | .030234  | .0008232 | .0015287 | -----   |
| %RSD   | 2.123422 | .9414290 | 1.002377 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.390864 | .0867576 | .1509020 | z 3568.804 |
| #2 | 1.430460 | .0872117 | .1526565 | z 3572.497 |
| #3 | 1.450241 | .0883551 | .1539476 | z 3606.837 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3840.498 | 78761.97 | 10920.66 | 3183.879 | 4364.182 |
| Stddev    | 5.560    | 260.67   | 43.83    | 6.296    | 14.579   |
| %RSD      | .1447619 | .3309586 | .4013131 | .1977531 | .3340522 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3846.554 | 78515.11 | 10948.80 | 3176.623 | 4380.809 |
| #2 | 3835.626 | 78736.28 | 10943.01 | 3187.124 | 4353.590 |
| #3 | 3839.314 | 79034.54 | 10870.16 | 3187.892 | 4358.148 |

Sample Name: CCV03      Acquired: 5/13/2024 16:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.987368 | 5.044588 | 4.891015 | 5.131049 | 5.069725 | 9.981805 | 10.00741 |
| Stddev | .015275  | .005487  | .026204  | .013509  | .012741  | .006269  | .03863   |
| %RSD   | .3062673 | .1087726 | .5357497 | .2632826 | .2513149 | .0628067 | .3859691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.977409 | 5.047871 | 4.881927 | 5.122676 | 5.065323 | 9.988890 | 10.03025 |
| #2 | 4.979742 | 5.038254 | 4.870564 | 5.123837 | 5.059769 | 9.976976 | 9.96282  |
| #3 | 5.004954 | 5.047640 | 4.920552 | 5.146633 | 5.084083 | 9.979549 | 10.02917 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2405117 | 2.429643 | 24.51087 | .9618882 | 2.444665 | 1.258466 | 4.942695 |
| Stddev | .0006912 | .010130  | .01927   | .0020069 | .010032  | .002876  | .031506  |
| %RSD   | .2874042 | .4169163 | .0786055 | .2086402 | .4103537 | .2285234 | .6374226 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2412993 | 2.426828 | 24.52931 | .9598442 | 2.442509 | 1.256146 | 4.913340 |
| #2 | .2402304 | 2.421218 | 24.49087 | .9619647 | 2.435886 | 1.257569 | 4.938762 |
| #3 | .2400055 | 2.440882 | 24.51243 | .9638557 | 2.455599 | 1.261684 | 4.975982 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.453215 | 23.33426 | 2.447080 | 1.229981 | 24.10724 | 2.416246 | 2.489604 |
| Stddev | .007014  | .02624   | .008811  | .000322  | .23398   | .012618  | .007446  |
| %RSD   | .2858988 | .1124346 | .3600622 | .0261502 | .9705804 | .5222224 | .2990992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.457323 | 23.36364 | 2.443609 | 1.230019 | 23.90669 | 2.420955 | 2.489625 |
| #2 | 2.445116 | 23.31320 | 2.440532 | 1.230282 | 24.05075 | 2.401951 | 2.497040 |
| #3 | 2.457205 | 23.32593 | 2.457097 | 1.229642 | 24.36430 | 2.425833 | 2.482147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.70687 | 4.796983 | 5.048647 | 4.893099 | 4.961344 | 4.853732 | 4.714656 |
| Stddev | .20252   | .020597  | .011922  | .014198  | .003299  | .062022  | .011334  |
| %RSD   | .8196984 | .4293750 | .2361412 | .2901658 | .0664958 | 1.277831 | .2403888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.47315 | 4.819604 | 5.042698 | 4.893263 | 4.960040 | 4.787350 | 4.709747 |
| #2 | 24.81703 | 4.792036 | 5.040871 | 4.878820 | 4.958895 | 4.863645 | 4.706604 |
| #3 | 24.83044 | 4.779311 | 5.062373 | 4.907215 | 4.965095 | 4.910201 | 4.727616 |

Sample Name: CCV03      Acquired: 5/13/2024 16:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.768791 | 4.793503 | 4.988021 | z ***** |
| Stddev | .020093  | .027201  | .019322  | -----   |
| %RSD   | .4213377 | .5674606 | .3873600 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.760984 | 4.777300 | 4.994018 | z 2476.528 |
| #2 | 4.753774 | 4.778303 | 4.966412 | z 2492.751 |
| #3 | 4.791616 | 4.824907 | 5.003634 | z 2503.542 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3693.983 | 75766.53 | 10458.39 | 3080.317 | 4429.740 |
| Stddev    | 7.997    | 61.27    | 46.90    | 8.671    | 15.869   |
| %RSD      | .2164800 | .0808664 | .4484891 | .2815086 | .3582294 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3693.586 | 75716.53 | 10405.10 | 3075.389 | 4425.530 |
| #2 | 3702.171 | 75834.88 | 10476.70 | 3075.233 | 4447.289 |
| #3 | 3686.193 | 75748.19 | 10493.39 | 3090.330 | 4416.400 |

Sample Name: CCB03      Acquired: 5/13/2024 16:18:20      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024177 | -.000410 | -.000558 | .0011279 | -.007135 | -.004132 |
| Stddev | .0013353 | .001072  | .000720  | .0017930 | .000529  | .009447  |
| %RSD   | 55.22956 | 261.6088 | 129.1365 | 158.9640 | 7.410241 | 228.6288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0029486 | .000774  | -.001340 | -.000770 | -.006818 | .004644  |
| #2 | .0008986 | -.001317 | -.000412 | .001359  | -.007746 | -.014132 |
| #3 | .0034059 | -.000686 | .000078  | .002794  | -.006842 | -.002909 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000311 | -.000026 | -.000016 | -.021494 | .0001790 | .0002524 |
| Stddev | .0004615 | .000044  | .000075  | .001338  | .0001080 | .0000575 |
| %RSD   | 1482.242 | 172.9194 | 457.1938 | 6.226723 | 60.31372 | 22.77276 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000469 | .000020  | -.000091 | -.019951 | .0000736 | .0003078 |
| #2 | .000440  | -.000029 | .000058  | -.022337 | .0001742 | .0002564 |
| #3 | .000123  | -.000068 | -.000016 | -.022195 | .0002893 | .0001931 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000453 | .0380055 | .0012831 | .0002500 | .0000577 | .0004204 |
| Stddev | .0001513 | .0060560 | .0001159 | .0060722 | .0001334 | .0003992 |
| %RSD   | 334.3955 | 15.93463 | 9.030604 | 2428.439 | 231.2554 | 94.97120 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002196 | .0351351 | .0013108 | -.001063 | .0001951 | .0005527 |
| #2 | -.000052 | .0339183 | .0011559 | .006871  | -.000071 | -.000028 |
| #3 | -.000032 | .0449630 | .0013827 | -.005058 | .000049  | .000737  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.344943 | .0015543 | .0026254 | -.049842 | -.000148 | .0004778 |
| Stddev | .009635  | .0021272 | .0002436 | .016166  | .000391  | .0002597 |
| %RSD   | 2.793135 | 136.8511 | 9.276649 | 32.43506 | 263.1891 | 54.34694 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.352083 | -.000621 | .0028156 | -.047880 | -.000593 | .0007630 |
| #2 | -.348761 | .003630  | .0023509 | -.066900 | .000010  | .0004153 |
| #3 | -.333984 | .001654  | .0027098 | -.034746 | .000138  | .0002550 |

Sample Name: CCB03      Acquired: 5/13/2024 16:18:20      Type: Unk  
 Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
 User: Bin      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
 Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .2864407</b> | <b>-.000321</b> | <b>.0045594</b> | <b>.0043420</b> | <b>.0086548</b> | <b>-.003199</b> |
| Stddev | .0016030          | .000361         | .0097363        | .0007650        | .0017791        | .002077         |
| %RSD   | .5596369          | 112.3719        | 213.5427        | 17.61915        | 20.55575        | 64.95192        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2880497 | -.000338 | -.006606 | .0041296 | .0105004 | -.004577 |
| #2 | .2848437 | -.000673 | .009004  | .0051908 | .0085133 | -.004209 |
| #3 | .2864285 | .000048  | .011280  | .0037056 | .0069507 | -.000809 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.0000316</b> | <b>Z *****</b> |
| Stddev | .0000344        | -----          |
| %RSD   | 108.7450        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | .0000196 | <b>Z 2260.473</b> |
| #2 | .0000705 | <b>Z 2264.011</b> |
| #3 | .0000049 | <b>Z 2246.153</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>3805.575</b> | <b>77522.05</b> | <b>10442.17</b> | <b>3189.877</b> | <b>4723.776</b> |
| Stddev    | 4.565           | 237.41          | 83.78           | 7.685           | 3.469           |
| %RSD      | .1199632        | .3062529        | .8022873        | .2409282        | .0734330        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3810.811 | 77263.38 | 10345.43 | 3187.866 | 4722.902 |
| #2 | 3803.488 | 77572.75 | 10491.29 | 3183.397 | 4727.598 |
| #3 | 3802.427 | 77730.02 | 10489.77 | 3198.368 | 4720.827 |

Sample Name: P2410-01      Acquired: 5/13/2024 16:25:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0275464 | -.001405 | .0476408 | .0004193 | .0024709 | 8.853050 |
| Stddev | .0017396 | .000995  | .0006317 | .0017003 | .0003220 | .056185  |
| %RSD   | 6.315134 | 70.81551 | 1.325963 | 405.4722 | 13.03325 | .6346363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0255482 | -.001616 | .0472952 | .0004504 | .0024218 | 8.902420 |
| #2 | .0287227 | -.002278 | .0472573 | -.001296 | .0028147 | 8.864816 |
| #3 | .0283684 | -.000322 | .0483699 | .002104  | .0021762 | 8.791914 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2212609 | .0007043 | -.000361 | 185.1227 | .0396166 | .0053022 |
| Stddev | .0022313 | .0000493 | .000012  | .8285    | .0002066 | .0002795 |
| %RSD   | 1.008447 | 7.002753 | 3.382731 | .4475638 | .5214075 | 5.271369 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2237581 | .0007591 | -.000375 | 185.9825 | .0395401 | .0052701 |
| #2 | .2205619 | .0006904 | -.000357 | 185.0562 | .0394592 | .0050402 |
| #3 | .2194629 | .0006634 | -.000351 | 184.3295 | .0398505 | .0055964 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0409010 | 15.76619 | .7274220 | 32.59134 | .0192869 | .0001962 |
| Stddev | .0004625 | .05281   | .0052899 | .14926   | .0003414 | .0005439 |
| %RSD   | 1.130685 | .3349615 | .7272153 | .4579811 | 1.770005 | 277.2077 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0407860 | 15.70681 | .7329405 | 32.73753 | .0196668 | .0004419 |
| #2 | .0405070 | 15.78386 | .7269306 | 32.59730 | .0190057 | -.000427 |
| #3 | .0414102 | 15.80790 | .7223949 | 32.43918 | .0191883 | .000574  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 379.9091 | .0558539 | .1178765 | 45.50483 | .5996665 | .0468278 |
| Stddev | 2.4175   | .0016502 | .0005744 | .12417   | .0038310 | .0001034 |
| %RSD   | .6363378 | 2.954486 | .4872831 | .2728698 | .6388603 | .2208828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 379.8403 | .0541343 | .1172135 | 45.37006 | .6033361 | .0469182 |
| #2 | 377.5267 | .0574246 | .1181925 | 45.61460 | .5999710 | .0467150 |
| #3 | 382.3603 | .0560027 | .1182236 | 45.52982 | .5956922 | .0468502 |

Sample Name: P2410-01      Acquired: 5/13/2024 16:25:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>-.000740</b> | <b>.4260018</b> | <b>F 34.86616</b> | <b>.3530983</b> | <b>F 32.55652</b> | <b>.0695082</b> |
| Stddev | .000947         | .0031008        | .12414            | .0035360        | .06127            | .0036753        |
| %RSD   | 127.8885        | .7278756        | .3560551          | 1.001415        | .1882052          | 5.287522        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001080</b> | <b>.4294569</b> | <b>34.72294</b> | <b>.3570867</b> | <b>32.58886</b> | <b>.0724555</b> |
| #2 | <b>-.001470</b> | <b>.4250877</b> | <b>34.93246</b> | <b>.3503471</b> | <b>32.59484</b> | <b>.0653902</b> |
| #3 | <b>.000329</b>  | <b>.4234609</b> | <b>34.94308</b> | <b>.3518612</b> | <b>32.48585</b> | <b>.0706790</b> |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.8901966</b> | <b>z *****</b> |
| Stddev | .0083280        | -----          |
| %RSD   | .9355216        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.8982511</b> | <b>z 2797.683</b> |
| #2 | <b>.8907190</b> | <b>z 2804.337</b> |
| #3 | <b>.8816197</b> | <b>z 2810.190</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>3534.847</b> | <b>72714.52</b> | <b>9990.432</b> | <b>2926.537</b> | <b>4129.470</b> |
| Stddev    | 4.385           | 117.92          | 95.450          | 16.158          | 9.212           |
| %RSD      | .1240488        | .1621689        | .9554119        | .5521189        | .2230747        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>3529.784</b> | <b>72601.10</b> | <b>9887.738</b> | <b>2924.106</b> | <b>4119.063</b> |
| #2 | <b>3537.444</b> | <b>72705.98</b> | <b>10007.12</b> | <b>2911.731</b> | <b>4132.767</b> |
| #3 | <b>3537.313</b> | <b>72836.47</b> | <b>10076.44</b> | <b>2943.772</b> | <b>4136.579</b> |

Sample Name: P2410-01DUP      Acquired: 5/13/2024 16:30:20      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0281314 | -.003383 | .0480244 | -.003140 | .0013714 | 8.863250 |
| Stddev | .0025805 | .001948  | .0010046 | .003262  | .0013951 | .086855  |
| %RSD   | 9.172957 | 57.58701 | 2.091814 | 103.8875 | 101.7323 | .9799497 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0262646 | -.001164 | .0491218 | -.001372 | .0015096 | 8.762965 |
| #2 | .0310760 | -.004170 | .0471502 | -.001144 | .0026922 | 8.914433 |
| #3 | .0270535 | -.004815 | .0478011 | -.006904 | -.000088 | 8.912351 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2199287 | .0007842 | -.000160 | 184.2479 | .0393733 | .0054412 |
| Stddev | .0013130 | .0000468 | .000076  | 1.6295   | .0001857 | .0003926 |
| %RSD   | .5969935 | 5.968589 | 47.71834 | .8844210 | .4715885 | 7.215448 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2184137 | .0007331 | -.000100 | 182.4029 | .0395400 | .0057739 |
| #2 | .2207356 | .0007947 | -.000246 | 184.8507 | .0394067 | .0050082 |
| #3 | .2206368 | .0008249 | -.000134 | 185.4902 | .0391732 | .0055414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0411362 | 15.41632 | .7251311 | 32.23693 | .0189957 | .0001191 |
| Stddev | .0002479 | .10145   | .0054365 | .19784   | .0002916 | .0004005 |
| %RSD   | .6026488 | .6580765 | .7497301 | .6136972 | 1.534796 | 336.2744 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0409660 | 15.31663 | .7202665 | 32.01243 | .0186826 | .0000689 |
| #2 | .0414206 | 15.41288 | .7241273 | 32.31255 | .0190453 | .0005423 |
| #3 | .0410220 | 15.51944 | .7309996 | 32.38580 | .0192593 | -.000254 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 371.9436 | .0544291 | .1167760 | 44.75667 | .6029594 | .0469756 |
| Stddev | 1.2679   | .0009822 | .0005364 | .18587   | .0054608 | .0003873 |
| %RSD   | .3408817 | 1.804480 | .4593183 | .4152957 | .9056617 | .8245502 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 371.4647 | .0545569 | .1173385 | 44.56291 | .5967241 | .0468371 |
| #2 | 373.3812 | .0553411 | .1162702 | 44.77360 | .6068896 | .0474131 |
| #3 | 370.9850 | .0533893 | .1167194 | 44.93349 | .6052646 | .0466765 |



Sample Name: P2410-01DUP      Acquired: 5/13/2024 16:30:20      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>-.001200</b> | <b>.4242237</b> | <b>F 34.31501</b> | <b>.3584336</b> | <b>F 32.78223</b> | <b>.0706907</b> |
| Stddev | .001107         | .0047142        | .11700            | .0027877        | .01642            | .0009857        |
| %RSD   | 92.30711        | 1.111262        | .3409534          | .7777388        | .0501029          | 1.394316        |
| #1     | .000045         | .4197857        | 34.19653          | .3582727        | 32.79920          | .0717748        |
| #2     | -.001570        | .4237128        | 34.31804          | .3612982        | 32.76642          | .0704488        |
| #3     | -.002075        | .4291726        | 34.43046          | .3557298        | 32.78107          | .0698485        |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>.8841837</b> | <b>Z *****</b>    |
| Stddev | .0036409        | -----             |
| %RSD   | .4117780        | -----             |
| #1     | .8799998        | <b>Z 2803.275</b> |
| #2     | .8859190        | <b>Z 2821.778</b> |
| #3     | .8866322        | <b>Z 2813.936</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>3527.495</b> | <b>73494.74</b> | <b>9961.578</b> | <b>2947.125</b> | <b>4117.953</b> |
| Stddev    | .102            | 118.92          | 15.340          | 4.802           | 2.881           |
| %RSD      | .0029006        | .1618083        | .1539872        | .1629513        | .0699718        |
| #1        | 3527.610        | 73358.06        | 9975.082        | 2942.172        | 4117.785        |
| #2        | 3527.461        | 73551.64        | 9944.899        | 2947.443        | 4115.158        |
| #3        | 3527.414        | 73574.51        | 9964.753        | 2951.761        | 4120.914        |

Sample Name: P2410-01LX5      Acquired: 5/13/2024 16:34:49      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0082332 | -.001017 | .0091018 | .0000909 | .0000010 | 2.063987 | .0462324 |
| Stddev | .0030182 | .002356  | .0005798 | .0026009 | .0011992 | .024469  | .0005992 |
| %RSD   | 36.65852 | 231.6807 | 6.369923 | 2862.121 | 117635.2 | 1.185540 | 1.296175 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0074171 | .000360  | .0097702 | .0002957 | .0000037 | 2.039925 | .0459136 |
| #2 | .0115756 | .000327  | .0087358 | .0025833 | -.001199 | 2.088844 | .0469236 |
| #3 | .0057070 | -.003737 | .0087992 | -.002606 | .001199  | 2.063191 | .0458598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001922 | -.000011 | 38.19154 | .0079864 | .0012797 | .0086050 | 3.334712 |
| Stddev | .0000505 | .000044  | .29486   | .0000215 | .0000881 | .0003263 | .012909  |
| %RSD   | 26.25870 | 391.7679 | .7720590 | .2694226 | 6.886590 | 3.792613 | .3871170 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001372 | .000038  | 37.85515 | .0079976 | .0011807 | .0085107 | 3.320303 |
| #2 | .0002364 | -.000046 | 38.31421 | .0080000 | .0013498 | .0083361 | 3.338609 |
| #3 | .0002030 | -.000025 | 38.40527 | .0079616 | .0013086 | .0089681 | 3.345224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1484037 | 6.812977 | .0038890 | -.000049 | 77.79098 | .0121050 | .0248599 |
| Stddev | .0011093 | .055417  | .0001105 | .000159  | .22461   | .0013181 | .0001390 |
| %RSD   | .7474911 | .8134088 | 2.840437 | 320.9155 | .2887401 | 10.88871 | .5592106 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1471247 | 6.758231 | .0040127 | -.000225 | 77.54019 | .0120575 | .0247672 |
| #2 | .1489823 | 6.811657 | .0038545 | .000084  | 77.97364 | .0108114 | .0250198 |
| #3 | .1491042 | 6.869042 | .0038000 | -.000007 | 77.85910 | .0134463 | .0247928 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.921279 | .1223703 | .0096480 | -.001585 | .1028535 | 7.888235 | .0712715 |
| Stddev | .083267  | .0008251 | .0001659 | .000767  | .0039840 | .052632  | .0004148 |
| %RSD   | .9333556 | .6742828 | 1.719600 | 48.41239 | 3.873512 | .6672217 | .5819526 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.825327 | .1214784 | .0097538 | -.000898 | .0995645 | 7.832525 | .0709754 |
| #2 | 8.974579 | .1231065 | .0097334 | -.001444 | .1017124 | 7.937124 | .0717456 |
| #3 | 8.963931 | .1225258 | .0094568 | -.002413 | .1072836 | 7.895055 | .0710936 |

Sample Name: P2410-01LX5      Acquired: 5/13/2024 16:34:49      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 6.551131 | .0145103 | .1823303 | z ***** |
| Stddev | .008334  | .0002257 | .0017196 | -----   |
| %RSD   | .1272145 | 1.555198 | .9431012 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 6.542311 | .0147708 | .1803738 | z 2461.550 |
| #2 | 6.552206 | .0143746 | .1830157 | z 2448.641 |
| #3 | 6.558875 | .0143854 | .1836015 | z 2466.294 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3735.000 | 76223.66 | 10564.69 | 3110.216 | 4526.294 |
| Stddev    | 1.781    | 129.18   | 43.05    | 11.106   | 4.960    |
| %RSD      | .0476972 | .1694797 | .4075283 | .3570682 | .1095828 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3736.671 | 76074.86 | 10608.06 | 3111.627 | 4523.411 |
| #2 | 3735.204 | 76288.93 | 10564.05 | 3098.472 | 4532.021 |
| #3 | 3733.126 | 76307.19 | 10521.96 | 3120.548 | 4523.450 |

Sample Name: P2410-01MS      Acquired: 5/13/2024 16:39:14      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8816449 | 1.920663 | 1.030184 | 2.038973 | .7849580 | 11.72313 |
| Stddev | .0017550 | .009155  | .002827  | .016628  | .0025564 | .03567   |
| %RSD   | .1990635 | .4766832 | .2744445 | .8155252 | .3256724 | .3043051 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8834263 | 1.922689 | 1.027390 | 2.047700 | .7820606 | 11.70288 |
| #2 | .8815909 | 1.928637 | 1.030118 | 2.049421 | .7868957 | 11.76432 |
| #3 | .8799175 | 1.910665 | 1.033043 | 2.019798 | .7859175 | 11.70218 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4324481 | .2021571 | .1988107 | 180.8921 | .4405759 | .2127894 |
| Stddev | .0011508 | .0003431 | .0001936 | .3775    | .0010371 | .0002350 |
| %RSD   | .2661240 | .1697006 | .0973811 | .2086740 | .2353903 | .1104237 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4337290 | .2025169 | .1990249 | 180.4590 | .4393979 | .2129786 |
| #2 | .4321141 | .2021207 | .1986480 | 181.1512 | .4413513 | .2128633 |
| #3 | .4315012 | .2018337 | .1987593 | 181.0661 | .4409786 | .2125264 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3446161 | 18.42532 | .8957191 | 33.66843 | .5358698 | .0760309 |
| Stddev | .0001337 | .10712   | .0006058 | .11359   | .0006949 | .0007184 |
| %RSD   | .0387815 | .5813543 | .0676343 | .3373797 | .1296755 | .9448337 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3447497 | 18.30225 | .8964150 | 33.71648 | .5350911 | .0759592 |
| #2 | .3446163 | 18.47615 | .8953092 | 33.53872 | .5364266 | .0753510 |
| #3 | .3444824 | 18.49755 | .8954332 | 33.75010 | .5360918 | .0767824 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 371.2306 | .3646904 | .3205161 | 55.11588 | .8653452 | .4516789 |
| Stddev | .4482    | .0042509 | .0009567 | .25138   | .0030616 | .0015069 |
| %RSD   | .1207412 | 1.165621 | .2984945 | .4560907 | .3538009 | .3336164 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 370.7234 | .3653663 | .3208394 | 54.84264 | .8681495 | .4516329 |
| #2 | 371.3950 | .3685629 | .3212692 | 55.33734 | .8620789 | .4532083 |
| #3 | 371.5734 | .3601421 | .3194396 | 55.16765 | .8658074 | .4501956 |

Sample Name: P2410-01MS      Acquired: 5/13/2024 16:39:14      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .6715286 | .6671495 | F 37.13211 | 6.215756 | F 31.77522 | .2714541 |
| Stddev | .0010826 | .0027140 | .08262     | .018789  | .02664     | .0008153 |
| %RSD   | .1612153 | .4068116 | .2225003   | .3022875 | .0838458   | .3003308 |
| #1     | .6723726 | .6692493 | 37.09756   | 6.211521 | 31.75753   | .2719752 |
| #2     | .6719053 | .6681144 | 37.07237   | 6.236302 | 31.80586   | .2705146 |
| #3     | .6703080 | .6640849 | 37.22639   | 6.199446 | 31.76226   | .2718724 |

|        |          |            |
|--------|----------|------------|
| Elem   | Sr4077   | Ce4040     |
| Units  | ppm      | Cts/S      |
| Avg    | 1.066121 | Z *****    |
| Stddev | .003322  | -----      |
| %RSD   | .3116015 | -----      |
| #1     | 1.069957 | Z 11870.23 |
| #2     | 1.064233 | Z 11858.81 |
| #3     | 1.064173 | Z 11891.73 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3520.693 | 73224.65 | 10067.75 | 2945.868 | 4109.818 |
| Stddev    | 11.576   | 84.10    | 51.45    | 2.779    | 9.370    |
| %RSD      | .3288087 | .1148525 | .5110268 | .0943340 | .2279854 |
| #1        | 3512.016 | 73146.37 | 10008.89 | 2947.878 | 4099.674 |
| #2        | 3516.226 | 73214.04 | 10090.17 | 2942.697 | 4111.632 |
| #3        | 3533.838 | 73313.56 | 10104.18 | 2947.030 | 4118.148 |

Sample Name: P2410-01MSD      Acquired: 5/13/2024 16:43:30      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8862466 | 1.919834 | 1.027653 | 2.045935 | .7792137 | 11.77833 |
| Stddev | .0070964 | .008398  | .002385  | .005231  | .0036245 | .06580   |
| %RSD   | .8007252 | .4374206 | .2320622 | .2556763 | .4651527 | .5586551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8833656 | 1.916706 | 1.027630 | 2.049945 | .7763423 | 11.82963 |
| #2 | .8943304 | 1.913448 | 1.025280 | 2.047842 | .7780124 | 11.80121 |
| #3 | .8810438 | 1.929346 | 1.030050 | 2.040018 | .7832864 | 11.70414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4321369 | .2045754 | .1978197 | 181.6133 | .4390279 | .2122306 |
| Stddev | .0020955 | .0006843 | .0004870 | .3460    | .0019482 | .0004738 |
| %RSD   | .4849281 | .3344854 | .2462034 | .1905237 | .4437508 | .2232254 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4344229 | .2053617 | .1973454 | 182.0078 | .4384904 | .2120970 |
| #2 | .4316808 | .2041146 | .1977951 | 181.3615 | .4411884 | .2118380 |
| #3 | .4303070 | .2042499 | .1983185 | 181.4705 | .4374049 | .2127568 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3443916 | 18.27846 | .8994337 | 33.72513 | .5345361 | .0762730 |
| Stddev | .0005293 | .01742   | .0029186 | .08156   | .0007553 | .0003595 |
| %RSD   | .1536925 | .0953083 | .3244900 | .2418323 | .1412988 | .4713537 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3450028 | 18.25883 | .9027927 | 33.76850 | .5340448 | .0760064 |
| #2 | .3440927 | 18.29207 | .8979910 | 33.77584 | .5341576 | .0766819 |
| #3 | .3440794 | 18.28449 | .8975175 | 33.63105 | .5354058 | .0761309 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 365.9420 | .3665771 | .3217764 | 54.53158 | .8751911 | .4472395 |
| Stddev | 3.8830   | .0011842 | .0003150 | .13319   | .0021083 | .0007685 |
| %RSD   | 1.061092 | .3230364 | .0978910 | .2442455 | .2408957 | .1718351 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 370.2679 | .3670303 | .3220718 | 54.50678 | .8775137 | .4471082 |
| #2 | 362.7579 | .3674678 | .3214449 | 54.67542 | .8733981 | .4465451 |
| #3 | 364.8002 | .3652333 | .3218126 | 54.41253 | .8746614 | .4480652 |

Sample Name: P2410-01MSD      Acquired: 5/13/2024 16:43:30      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .6658191 | .6693939 | F 36.62288 | 6.214837 | F 31.90395 | .2699782 |
| Stddev | .0025284 | .0032338 | .10714     | .002425  | .06479     | .0007003 |
| %RSD   | .3797478 | .4830929 | .2925431   | .0390138 | .2030861   | .2594059 |
| #1     | .6632346 | .6676859 | 36.49945   | 6.217271 | 31.87583   | .2707347 |
| #2     | .6659352 | .6731236 | 36.67741   | 6.212422 | 31.85798   | .2693525 |
| #3     | .6682875 | .6673722 | 36.69178   | 6.214818 | 31.97806   | .2698474 |

|        |          |            |
|--------|----------|------------|
| Elem   | Sr4077   | Ce4040     |
| Units  | ppm      | Cts/S      |
| Avg    | 1.064489 | Z *****    |
| Stddev | .005036  | -----      |
| %RSD   | .4731051 | -----      |
| #1     | 1.069647 | Z 11791.94 |
| #2     | 1.064234 | Z 11837.76 |
| #3     | 1.059585 | Z 11869.40 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3525.293 | 73695.40 | 10012.59 | 2962.440 | 4110.679 |
| Stddev    | 8.074    | 244.22   | 58.20    | 5.571    | 4.890    |
| %RSD      | .2290329 | .3313950 | .5813151 | .1880568 | .1189465 |
| #1        | 3516.052 | 73496.99 | 9947.50  | 2956.920 | 4105.360 |
| #2        | 3528.841 | 73621.06 | 10030.63 | 2968.060 | 4114.979 |
| #3        | 3530.984 | 73968.16 | 10059.63 | 2962.340 | 4111.698 |

Sample Name: P2410-01A      Acquired: 5/13/2024 16:47:45      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8893022 | 1.934190 | 1.040458 | 2.052317 | .7918141 | 12.11781 |
| Stddev | .0061131 | .003645  | .006457  | .005945  | .0023943 | .01990   |
| %RSD   | .6874018 | .1884589 | .6205834 | .2896941 | .3023812 | .1642609 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8900050 | 1.929983 | 1.037146 | 2.054971 | .7926975 | 12.12898 |
| #2 | .8828681 | 1.936425 | 1.047899 | 2.045507 | .7891036 | 12.12963 |
| #3 | .8950335 | 1.936161 | 1.036328 | 2.056473 | .7936411 | 12.09483 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4327260 | .2015378 | .1991495 | 181.7976 | .4419763 | .2143560 |
| Stddev | .0017304 | .0006285 | .0004341 | .1775    | .0014270 | .0002341 |
| %RSD   | .3998899 | .3118302 | .2179625 | .0976334 | .3228648 | .1092156 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4340859 | .2019551 | .1988951 | 181.5943 | .4405848 | .2144613 |
| #2 | .4307782 | .2018432 | .1996507 | 181.9213 | .4419078 | .2145191 |
| #3 | .4333138 | .2008150 | .1989027 | 181.8773 | .4434363 | .2140878 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3461586 | 18.86743 | .9045515 | 33.77393 | .5392778 | .0771120 |
| Stddev | .0003457 | .10278   | .0009540 | .16341   | .0002556 | .0005787 |
| %RSD   | .0998667 | .5447608 | .1054617 | .4838434 | .0473887 | .7505188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3462866 | 18.75511 | .9037090 | 33.78016 | .5395053 | .0764733 |
| #2 | .3457671 | 18.89038 | .9043581 | 33.60749 | .5390013 | .0772611 |
| #3 | .3464220 | 18.95680 | .9055873 | 33.93414 | .5393267 | .0776016 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 374.4468 | .3630137 | .3272277 | 55.66722 | .8585457 | .4550119 |
| Stddev | 3.4440   | .0017372 | .0018585 | .21914   | .0028232 | .0011968 |
| %RSD   | .9197542 | .4785503 | .5679394 | .3936611 | .3288331 | .2630351 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 373.1869 | .3630160 | .3276448 | 55.41516 | .8615274 | .4538103 |
| #2 | 371.8101 | .3612754 | .3251962 | 55.77388 | .8559136 | .4550214 |
| #3 | 378.3433 | .3647498 | .3288422 | 55.81260 | .8581960 | .4562039 |



Sample Name: P2410-01A      Acquired: 5/13/2024 16:47:45      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .6786751 | .6943862 | F 38.48024 | 6.253124 | F 31.80870 | .2692021 |
| Stddev | .0017956 | .0076978 | .24684     | .015340  | .05365     | .0047403 |
| %RSD   | .2645680 | 1.108575 | .6414695   | .2453242 | .1686688   | 1.760854 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6784042 | .7002202 | 38.42496 | 6.266554 | 31.84126 | .2727803 |
| #2 | .6805907 | .6856615 | 38.26573 | 6.256412 | 31.83808 | .2638259 |
| #3 | .6770304 | .6972769 | 38.75003 | 6.236406 | 31.74678 | .2710000 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | 1.063915 | Z ***** |
| Stddev | .003699  | -----   |
| %RSD   | .3476646 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | 1.067485 | Z 11880.07 |
| #2 | 1.060099 | Z 11868.45 |
| #3 | 1.064159 | Z 11859.57 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3530.646 | 73490.44 | 10277.22 | 2949.016 | 4115.937 |
| Stddev    | 4.674    | 51.53    | 40.07    | 11.292   | 6.459    |
| %RSD      | .1323864 | .0701126 | .3898575 | .3828922 | .1569283 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3527.255 | 73522.39 | 10230.98 | 2941.455 | 4108.926 |
| #2 | 3535.978 | 73517.93 | 10301.59 | 2961.996 | 4117.239 |
| #3 | 3528.705 | 73430.99 | 10299.10 | 2943.598 | 4121.646 |

Sample Name: P2437-06      Acquired: 5/13/2024 16:52:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0006517 | .0005185 | .0016279 | -.002164 | -.000358 | .0167349 | .1138106 |
| Stddev | .0011496 | .0012283 | .0012272 | .002221  | .001497  | .0054020 | .0004949 |
| %RSD   | 176.3985 | 236.9084 | 75.38873 | 102.6540 | 417.5634 | 32.27989 | .4348207 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000420 | -.000636 | .0021697 | -.000263 | .001368  | .0227223 | .1141896 |
| #2 | .000509  | .001810  | .0024909 | -.004606 | -.001286 | .0122263 | .1132507 |
| #3 | .001866  | .000382  | .0002230 | -.001623 | -.001157 | .0152560 | .1139914 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000214 | .0000058 | .7635340 | .0012174 | .0003148 | .0005206 | .1801443 |
| Stddev | .0000189 | .0000741 | .0151175 | .0000053 | .0001619 | .0004379 | .0034492 |
| %RSD   | 88.43824 | 1277.847 | 1.979941 | .4372408 | 51.41876 | 84.10749 | 1.914708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000129 | .0000504 | .7759752 | .0012229 | .0004971 | .0010258 | .1801477 |
| #2 | .0000430 | .0000467 | .7679179 | .0012170 | .0002598 | .0002498 | .1766933 |
| #3 | .0000082 | -.000080 | .7467091 | .0012123 | .0001877 | .0002863 | .1835918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086373 | .1922356 | .0012097 | .0003317 | .9543740 | -.001699 | 1.419529 |
| Stddev | .0002698 | .0117125 | .0001074 | .0000666 | .0146620 | .001910  | .008854  |
| %RSD   | 3.123540 | 6.092804 | 8.879477 | 20.08109 | 1.536296 | 112.3781 | .6237242 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0083775 | .1811344 | .0013299 | .0003207 | .9436256 | -.002007 | 1.413918 |
| #2 | .0089161 | .1910963 | .0011229 | .0004031 | .9484199 | -.003436 | 1.414934 |
| #3 | .0086184 | .2044762 | .0011765 | .0002713 | .9710764 | .000346  | 1.429736 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0716719 | .2095066 | .0005854 | -.001994 | .0000845 | .0870442 | .8813389 |
| Stddev | .0334437 | .0007261 | .0002027 | .001029  | .0004650 | .0025284 | .0046619 |
| %RSD   | 46.66221 | .3465541 | 34.63109 | 51.60912 | 550.1903 | 2.904742 | .5289624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0762684 | .2098928 | .0007866 | -.002922 | .0004738 | .0851888 | .8814582 |
| #2 | .0361677 | .2099579 | .0005885 | -.000888 | .0002101 | .0860196 | .8859401 |
| #3 | .1025796 | .2086690 | .0003812 | -.002172 | -.000430 | .0899240 | .8766185 |

Sample Name: P2437-06      Acquired: 5/13/2024 16:52:00      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.272510 | -.004508 | .0035955 | z ***** |
| Stddev | .007712  | .001611  | .0000853 | -----   |
| %RSD   | .3393617 | 35.73009 | 2.372912 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.280873 | -.003895 | .0036862 | z 2232.757 |
| #2 | 2.270979 | -.003294 | .0035169 | z 2235.784 |
| #3 | 2.265678 | -.006336 | .0035833 | z 2234.706 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3845.132 | 80018.26 | 10299.61 | 3281.797 | 4843.127 |
| Stddev    | 8.342    | 447.73   | 13.60    | 21.213   | 8.146    |
| %RSD      | .2169542 | .5595401 | .1320676 | .6463805 | .1681914 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3854.764 | 80433.77 | 10299.18 | 3298.001 | 4852.531 |
| #2 | 3840.231 | 80076.93 | 10286.23 | 3289.603 | 4838.264 |
| #3 | 3840.400 | 79544.08 | 10313.42 | 3257.787 | 4838.587 |

Sample Name: P2437-07      Acquired: 5/13/2024 16:56:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0031101 | -.000240 | .0013016 | -.002745 | -.000586 | .0047741 | .1112385 |
| Stddev | .0026968 | .001932  | .0004234 | .001676  | .002104  | .0087986 | .0003869 |
| %RSD   | 86.70961 | 803.8166 | 32.52690 | 61.04569 | 358.8724 | 184.2989 | .3477825 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0055230 | -.001520 | .0009533 | -.002665 | .000035  | .0013823 | .1109439 |
| #2 | .0036084 | .001982  | .0011787 | -.004459 | .001137  | -.001824 | .1116766 |
| #3 | .0001990 | -.001183 | .0017729 | -.001111 | -.002931 | .014764  | .1110950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000026 | -.000004 | .2774545 | .0008104 | .0002955 | .0002088 | .0442805 |
| Stddev | .000019  | .000022  | .0062828 | .0001367 | .0000901 | .0002573 | .0020073 |
| %RSD   | 70.62637 | 522.4732 | 2.264446 | 16.87187 | 30.48385 | 123.2204 | 4.533157 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000023 | -.000027 | .2730391 | .0009021 | .0003983 | -.000036 | .0420081 |
| #2 | -.000047 | -.000003 | .2846473 | .0008760 | .0002302 | .000185  | .0450209 |
| #3 | -.000010 | .000018  | .2746770 | .0006533 | .0002582 | .000477  | .0458124 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0245473 | .0410829 | .0008716 | .0003062 | .6498320 | -.002503 | .0510855 |
| Stddev | .0001527 | .0065278 | .0001299 | .0006937 | .0078910 | .001981  | .0005302 |
| %RSD   | .6220624 | 15.88923 | 14.90052 | 226.5372 | 1.214316 | 79.14142 | 1.037862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0245019 | .0337942 | .0007256 | -.000479 | .6481277 | -.004313 | .0513220 |
| #2 | .0244224 | .0430638 | .0009150 | .000564  | .6584358 | -.000387 | .0514564 |
| #3 | .0247176 | .0463908 | .0009743 | .000834  | .6429323 | -.002809 | .0504782 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.036989 | .0199076 | .0003834 | -.002539 | -.000288 | .0949452 | .0154233 |
| Stddev | .022858  | .0003436 | .0001094 | .000918  | .000684  | .0051409 | .0016591 |
| %RSD   | 61.79488 | 1.725820 | 28.52178 | 36.16904 | 237.1554 | 5.414589 | 10.75700 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.023625 | .0201522 | .0003490 | -.003145 | .000428  | .0969751 | .0147831 |
| #2 | -.023961 | .0195148 | .0005059 | -.002989 | -.000357 | .0987611 | .0141797 |
| #3 | -.063382 | .0200558 | .0002955 | -.001482 | -.000936 | .0890992 | .0173071 |

Sample Name: P2437-07      Acquired: 5/13/2024 16:56:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .6678142 | -.005094 | .0028034 | z ***** |
| Stddev | .0072091 | .002228  | .0000638 | -----   |
| %RSD   | 1.079508 | 43.72974 | 2.273880 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .6676868 | -.006912 | .0028105 | z 2205.677 |
| #2 | .6606696 | -.005761 | .0028632 | z 2199.940 |
| #3 | .6750861 | -.002609 | .0027363 | z 2191.297 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3822.891 | 80062.92 | 10692.92 | 3253.733 | 4802.741 |
| Stddev    | 14.199   | 120.50   | 13.32    | 6.283    | 13.002   |
| %RSD      | .3714241 | .1505084 | .1245788 | .1931014 | .2707270 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3836.305 | 80188.59 | 10694.53 | 3257.495 | 4815.207 |
| #2 | 3824.351 | 79948.36 | 10678.87 | 3246.480 | 4803.753 |
| #3 | 3808.019 | 80051.82 | 10705.37 | 3257.224 | 4789.261 |

Sample Name: PB160836TB      Acquired: 5/13/2024 17:00:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0011549 | -.001555 | -.000694 | .0003483 | -.000874 | -.007044 | -.000048 |
| Stddev | .0023515 | .000216  | .000606  | .0016811 | .001105  | .006368  | .000434  |
| %RSD   | 203.6143 | 13.91382 | 87.30152 | 482.6068 | 126.4456 | 90.39853 | 908.8539 |
| #1     | .0038291 | -.001629 | -.000894 | -.000264 | -.001582 | -.013908 | .000242  |
| #2     | -.000589 | -.001311 | -.000013 | -.000941 | .000399  | -.005897 | -.000547 |
| #3     | .000225  | -.001724 | -.001174 | .002250  | -.001438 | -.001328 | .000161  |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000106 | .0000289 | -.010520 | -.000116 | .0001450 | -.000038 | .0029413 |
| Stddev | .0000341 | .0000351 | .006952  | .000074  | .0001221 | .000091  | .0018820 |
| %RSD   | 321.1703 | 121.4713 | 66.07866 | 63.51393 | 84.25830 | 239.7447 | 63.98543 |
| #1     | .0000500 | .0000674 | -.016025 | -.000179 | .0000928 | -.000026 | .0043023 |
| #2     | -.000009 | .0000204 | -.012828 | -.000035 | .0002846 | -.000135 | .0007936 |
| #3     | -.000009 | -.000001 | -.002708 | -.000134 | .0000576 | .000046  | .0037279 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | .0154319 | -.000088 | .0002725 | -.266102 | -.000523 | .0025085 |
| Stddev | .000181  | .0140340 | .000035  | .0001523 | .022265  | .000434  | .0001847 |
| %RSD   | 658.6535 | 90.94108 | 39.39318 | 55.88357 | 8.367079 | 83.10030 | 7.364950 |
| #1     | -.000234 | .0054563 | -.000097 | .0004322 | -.291605 | -.000506 | .0023217 |
| #2     | .000048  | .0093600 | -.000050 | .0002565 | -.256163 | -.000965 | .0026912 |
| #3     | .000104  | .0314794 | -.000118 | .0001289 | -.250538 | -.000097 | .0025127 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.026296 | -.005628 | .0000041 | -.000949 | -.000045 | .0071529 | .0047259 |
| Stddev | .017994  | .000383  | .0003310 | .000743  | .000556  | .0060111 | .0031007 |
| %RSD   | 68.42909 | 6.801751 | 8168.391 | 78.32713 | 1228.856 | 84.03659 | 65.61097 |
| #1     | -.046825 | -.006060 | .0003122 | -.001637 | -.000658 | .0013950 | .0042588 |
| #2     | -.013250 | -.005493 | -.000346 | -.001048 | .000096  | .0133887 | .0018853 |
| #3     | -.018815 | -.005331 | .000046  | -.000161 | .000426  | .0066751 | .0080337 |

Sample Name: PB160836TB      Acquired: 5/13/2024 17:00:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0011915 | -.001855 | -.000049 | z ***** |
| Stddev | .0032942 | .001647  | .000027  | -----   |
| %RSD   | 276.4755 | 88.77064 | 54.21177 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | -.002055 | -.001460 | -.000025 | z 2244.500 |
| #2 | .001098  | -.000442 | -.000078 | z 2223.739 |
| #3 | .004531  | -.003664 | -.000044 | z 2248.654 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3821.733 | 77990.82 | 10416.46 | 3187.593 | 4744.642 |
| Stddev    | 13.153   | 106.94   | 193.82   | 2.791    | 18.932   |
| %RSD      | .3441746 | .1371192 | 1.860666 | .0875560 | .3990180 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3828.193 | 77908.29 | 10201.08 | 3187.688 | 4753.203 |
| #2 | 3806.599 | 78111.63 | 10576.82 | 3184.755 | 4722.942 |
| #3 | 3830.408 | 77952.54 | 10471.46 | 3190.335 | 4757.782 |

Sample Name: PB160853BL      Acquired: 5/13/2024 17:05:19      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0023341 | -.000572 | -.000407 | -.001635 | -.001114 | -.000005 | .0000370 |
| Stddev | .0053837 | .000781  | .000509  | .000732  | .000360  | .012376  | .0003525 |
| %RSD   | 230.6531 | 136.4561 | 125.0787 | 44.80452 | 32.27444 | 245605.1 | 951.9019 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0079831 | -.000493 | -.000474 | -.002364 | -.001482 | -.000101 | -.000259 |
| #2 | .0017571 | .000166  | -.000878 | -.001640 | -.000764 | -.012332 | .000427  |
| #3 | -.002738 | -.001390 | .000132  | -.000900 | -.001096 | .012419  | -.000056 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000365 | -.000016 | -.010028 | -.000193 | .0002369 | .0000157 | .0006870 |
| Stddev | .0000252 | .000038  | .008773  | .000047  | .0001761 | .0001909 | .0039232 |
| %RSD   | 69.13294 | 233.5885 | 87.47853 | 24.65628 | 74.32533 | 1219.948 | 571.0803 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000254 | .000001  | -.019250 | -.000193 | .0004346 | -.000203 | .0011988 |
| #2 | .0000654 | -.000060 | -.001787 | -.000240 | .0000972 | .000102  | -.003467 |
| #3 | .0000187 | .000010  | -.009048 | -.000145 | .0001788 | .000148  | .004329  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000073 | .0002104 | -.000097 | .0001549 | -.336569 | .0001135 | .0049624 |
| Stddev | .000184  | .0076042 | .000032  | .0002689 | .013165  | .0010304 | .0001116 |
| %RSD   | 251.3955 | 3613.214 | 32.69732 | 173.6199 | 3.911441 | 908.1564 | 2.249731 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000119 | .0053496 | -.000131 | .0002209 | -.351766 | -.000810 | .0050276 |
| #2 | -.000229 | -.008525 | -.000092 | -.000141 | -.329295 | .001225  | .0048335 |
| #3 | .000129  | .003807  | -.000068 | .000385  | -.328646 | -.000075 | .0050261 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.078723 | -.005615 | -.000002 | -.000808 | -.000252 | .0109830 | .0041578 |
| Stddev | .013109  | .001177  | .000045  | .000450  | .000264  | .0231864 | .0014516 |
| %RSD   | 16.65227 | 20.95214 | 2912.093 | 55.69944 | 104.6204 | 211.1114 | 34.91238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.067020 | -.006649 | .000043  | -.001170 | -.000362 | .0154833 | .0048380 |
| #2 | -.092889 | -.005863 | -.000000 | -.000949 | .000049  | .0315894 | .0024910 |
| #3 | -.076261 | -.004335 | -.000047 | -.000304 | -.000444 | -.014124 | .0051443 |



Sample Name: PB160853BL      Acquired: 5/13/2024 17:05:19      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820          | Li6707          | Sr4077          | Ce4040         |
|--------|-----------------|-----------------|-----------------|----------------|
| Units  | ppm             | ppm             | ppm             | Cts/S          |
| Avg    | <b>-.000291</b> | <b>-.001849</b> | <b>.0000047</b> | <b>z *****</b> |
| Stddev | .003427         | .000329         | .0000765        | -----          |
| %RSD   | 1178.109        | 17.78082        | 1634.769        | -----          |

|    |          |          |          |                   |
|----|----------|----------|----------|-------------------|
| #1 | .003629  | -.001878 | .0000017 | <b>z 2235.758</b> |
| #2 | -.001787 | -.001506 | .0000827 | <b>z 2254.047</b> |
| #3 | -.002715 | -.002162 | -.000070 | <b>z 2237.535</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>3852.958</b> | <b>78552.02</b> | <b>10293.74</b> | <b>3219.324</b> | <b>4786.994</b> |
| Stddev    | 3.008           | 87.49           | 18.78           | 3.037           | 9.480           |
| %RSD      | .0780737        | .1113739        | .1824217        | .0943254        | .1980315        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3850.113 | 78502.34 | 10274.16 | 3215.818 | 4779.431 |
| #2 | 3856.107 | 78500.68 | 10295.46 | 3221.120 | 4797.629 |
| #3 | 3852.653 | 78653.03 | 10311.60 | 3221.034 | 4783.923 |

Sample Name: CCV04      Acquired: 5/13/2024 17:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.976140 | 5.005430 | 4.885936 | 5.113797 | 5.054981 | 10.00830 | 10.16280 |
| Stddev | .009087  | .008996  | .011485  | .010423  | .007738  | .01685   | .07280   |
| %RSD   | .1826204 | .1797293 | .2350603 | .2038178 | .1530796 | .1683910 | .7163033 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.985138 | 5.003836 | 4.872849 | 5.110499 | 5.048408 | 10.00222 | 10.08069 |
| #2 | 4.976317 | 4.997337 | 4.890624 | 5.125470 | 5.063509 | 9.99532  | 10.18830 |
| #3 | 4.966965 | 5.015117 | 4.894336 | 5.105422 | 5.053027 | 10.02734 | 10.21943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2399266 | 2.426803 | 24.58414 | .9612126 | 2.444248 | 1.256657 | 4.968668 |
| Stddev | .0004847 | .003393  | .07541   | .0038720 | .003821  | .001758  | .009375  |
| %RSD   | .2020324 | .1398316 | .3067512 | .4028239 | .1563233 | .1398889 | .1886834 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2393901 | 2.424019 | 24.49708 | .9653361 | 2.440656 | 1.255504 | 4.967158 |
| #2 | .2400567 | 2.425806 | 24.62899 | .9606472 | 2.443825 | 1.255787 | 4.960139 |
| #3 | .2403330 | 2.430583 | 24.62636 | .9576543 | 2.448263 | 1.258681 | 4.978706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.471419 | 23.58107 | 2.444835 | 1.225420 | 24.13780 | 2.428214 | 2.473400 |
| Stddev | .002701  | .10859   | .003064  | .000807  | .03712   | .005704  | .003657  |
| %RSD   | .1092812 | .4605015 | .1253240 | .0658322 | .1537962 | .2349054 | .1478398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.468813 | 23.47664 | 2.441850 | 1.225225 | 24.14419 | 2.422632 | 2.474435 |
| #2 | 2.471238 | 23.57317 | 2.444681 | 1.224730 | 24.09790 | 2.427977 | 2.476427 |
| #3 | 2.474206 | 23.69339 | 2.447973 | 1.226307 | 24.17132 | 2.434032 | 2.469337 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.61657 | 4.781857 | 5.049289 | 4.890830 | 4.975952 | 4.886066 | 4.712283 |
| Stddev | .05819   | .009810  | .000568  | .012033  | .008934  | .041982  | .004106  |
| %RSD   | .2364053 | .2051424 | .0112505 | .2460356 | .1795451 | .8592249 | .0871438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.66300 | 4.770657 | 5.049865 | 4.879268 | 4.977161 | 4.844540 | 4.710637 |
| #2 | 24.55129 | 4.785989 | 5.048729 | 4.889936 | 4.966475 | 4.885168 | 4.716957 |
| #3 | 24.63543 | 4.788924 | 5.049275 | 4.903285 | 4.984220 | 4.928490 | 4.709254 |

Sample Name: CCV04      Acquired: 5/13/2024 17:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.757842 | 4.810910 | 5.008298 | Z ***** |
| Stddev | .009885  | .009856  | .029281  | -----   |
| %RSD   | .2077561 | .2048611 | .5846471 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.755678 | 4.808614 | 5.033912 | Z 2489.035 |
| #2 | 4.768629 | 4.802405 | 5.014606 | Z 2485.259 |
| #3 | 4.749218 | 4.821711 | 4.976378 | Z 2480.400 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3727.746 | 76679.04 | 10564.48 | 3132.034 | 4472.951 |
| Stddev    | 3.996    | 150.86   | .88      | 1.004    | 3.477    |
| %RSD      | .1072003 | .1967443 | .0083638 | .0320463 | .0777334 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3728.411 | 76505.11 | 10565.00 | 3131.890 | 4476.809 |
| #2 | 3723.459 | 76774.51 | 10564.99 | 3133.102 | 4470.061 |
| #3 | 3731.368 | 76757.49 | 10563.46 | 3131.110 | 4471.983 |

Sample Name: CCB04      Acquired: 5/13/2024 17:14:05      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022949 | -.002001 | -.001008 | -.003058 | -.005514 | -.000845 |
| Stddev | .0021332 | .001689  | .000808  | .001945  | .002148  | .006207  |
| %RSD   | 92.95514 | 84.38503 | 80.15053 | 63.59580 | 38.96292 | 734.5771 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044906 | -.000547 | -.000852 | -.005198 | -.004213 | -.003932 |
| #2 | .0002302 | -.003854 | -.001882 | -.001398 | -.007993 | .006300  |
| #3 | .0021639 | -.001604 | -.000289 | -.002578 | -.004335 | -.004904 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001972 | -.000012 | .0000582 | -.021535 | .0001774 | .0000161 |
| Stddev | .0003691 | .000040  | .0000587 | .007662  | .0001370 | .0000430 |
| %RSD   | 187.1442 | 326.5428 | 100.8262 | 35.57909 | 77.25166 | 266.7149 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003447 | -.000039 | .0000639 | -.015085 | .0003345 | -.000023 |
| #2 | .0004698 | -.000032 | -.000003 | -.019515 | .0000828 | .000008  |
| #3 | -.000223 | .000034  | .000114  | -.030004 | .0001148 | .000062  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000351 | .0354435 | .0013644 | -.009456 | .0000659 | .0003089 |
| Stddev | .0003544 | .0055653 | .0002194 | .015935  | .0001986 | .0002339 |
| %RSD   | 1008.608 | 15.70182 | 16.08106 | 168.5184 | 301.2998 | 75.72747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000088 | .0329822 | .0014477 | -.020305 | -.000010 | .0002106 |
| #2 | .000435  | .0418150 | .0015301 | -.016901 | -.000083 | .0001402 |
| #3 | -.000241 | .0315332 | .0011156 | .008839  | .000291  | .0005760 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.372735 | .0004335 | .0102623 | -.069980 | .0007075 | .0003628 |
| Stddev | .014975  | .0011600 | .0000828 | .019753  | .0008481 | .0001585 |
| %RSD   | 4.017718 | 267.6004 | .8068263 | 28.22657 | 119.8801 | 43.68162 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.389509 | -.000491 | .0101709 | -.092672 | .0009227 | .0004568 |
| #2 | -.360710 | .001735  | .0102836 | -.060627 | .0014273 | .0001799 |
| #3 | -.367986 | .000056  | .0103323 | -.056641 | -.000228 | .0004519 |

Sample Name: CCB04      Acquired: 5/13/2024 17:14:05      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .2850569</b> | <b>-.000012</b> | <b>.0071104</b> | <b>.0053078</b> | <b>.0084502</b> | <b>-.002553</b> |
| Stddev | .0014734          | .000477         | .0076718        | .0002835        | .0017058        | .001765         |
| %RSD   | .5168725          | 3868.813        | 107.8953        | 5.341984        | 20.18630        | 69.12028        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2836288 | .000330  | .0112497 | .0049868 | .0100565 | -.004579 |
| #2 | .2849703 | -.000557 | .0118234 | .0054124 | .0086342 | -.001352 |
| #3 | .2865717 | .000190  | -.001742 | .0055242 | .0066599 | -.001727 |

|        |                 |                |
|--------|-----------------|----------------|
| Elem   | Sr4077          | Ce4040         |
| Units  | ppm             | Cts/S          |
| Avg    | <b>.0000510</b> | <b>z *****</b> |
| Stddev | .0000174        | -----          |
| %RSD   | 34.05163        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | .0000323 | <b>z 2267.140</b> |
| #2 | .0000667 | <b>z 2271.141</b> |
| #3 | .0000539 | <b>z 2263.861</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>3854.011</b> | <b>79296.27</b> | <b>10365.95</b> | <b>3229.859</b> | <b>4791.656</b> |
| Stddev    | 1.538           | 147.97          | 21.82           | 4.435           | 4.392           |
| %RSD      | .0399065        | .1866035        | .2105057        | .1373202        | .0916523        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3855.735 | 79254.38 | 10341.69 | 3228.140 | 4786.622 |
| #2 | 3853.514 | 79173.76 | 10383.97 | 3226.541 | 4793.645 |
| #3 | 3852.782 | 79460.66 | 10372.19 | 3234.897 | 4794.701 |

Sample Name: PB160853BS      Acquired: 5/13/2024 17:18:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8602488 | 2.106600 | 1.028766 | 2.141965 | .7991464 | 2.152412 |
| Stddev | .0020181 | .005851  | .001654  | .005924  | .0016324 | .031399  |
| %RSD   | .2345939 | .2777664 | .1607911 | .2765586 | .2042733 | 1.458778 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8621551 | 2.100217 | 1.028021 | 2.137157 | .7984524 | 2.116420 |
| #2 | .8604563 | 2.107874 | 1.030661 | 2.140155 | .8010112 | 2.166622 |
| #3 | .8581350 | 2.111711 | 1.027614 | 2.148583 | .7979756 | 2.174194 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2194827 | .2194565 | .2047629 | 1.104648 | .4206867 | .2113292 |
| Stddev | .0021963 | .0011914 | .0002268 | .009689  | .0004633 | .0000897 |
| %RSD   | 1.000687 | .5428765 | .1107421 | .8770906 | .1101362 | .0424311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2173971 | .2180904 | .2049834 | 1.093758 | .4203086 | .2113336 |
| #2 | .2192758 | .2202803 | .2045303 | 1.107873 | .4205480 | .2112374 |
| #3 | .2217751 | .2199986 | .2047749 | 1.112313 | .4212036 | .2114166 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3336587 | 3.118639 | .2185544 | 2.041379 | .5359052 | .0782508 |
| Stddev | .0001562 | .014709  | .0015628 | .029435  | .0005825 | .0006486 |
| %RSD   | .0467995 | .4716442 | .7150584 | 1.441927 | .1086958 | .8289301 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3335949 | 3.102349 | .2168571 | 2.014718 | .5358136 | .0789922 |
| #2 | .3335446 | 3.130946 | .2188722 | 2.072967 | .5353739 | .0779726 |
| #3 | .3338367 | 3.122623 | .2199338 | 2.036453 | .5365280 | .0777878 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.595480 | .3132985 | .2273465 | 9.914604 | .3093836 | .4144043 |
| Stddev | .010373  | .0028058 | .0007493 | .066381  | .0010867 | .0003358 |
| %RSD   | .3996409 | .8955597 | .3296016 | .6695251 | .3512475 | .0810244 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.584310 | .3122148 | .2266095 | 9.838170 | .3081312 | .4143306 |
| #2 | 2.597322 | .3164844 | .2281076 | 9.957801 | .3099425 | .4147708 |
| #3 | 2.604808 | .3111961 | .2273224 | 9.947841 | .3100771 | .4141116 |

Sample Name: PB160853BS      Acquired: 5/13/2024 17:18:33      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .6850489 | .2009987 | .8167830 | 5.495347 | F -.003920 | .1906706 |
| Stddev | .0008863 | .0013075 | .0118788 | .007150  | .003296    | .0007885 |
| %RSD   | .1293792 | .6504918 | 1.454344 | .1301079 | 84.07094   | .4135246 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6841125 | .1996514 | .8042272 | 5.497064 | -.005477 | .1910382 |
| #2 | .6858747 | .2010823 | .8182787 | 5.501481 | -.006149 | .1897655 |
| #3 | .6851596 | .2022623 | .8278432 | 5.487494 | -.000134 | .1912082 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .2047097 | z ***** |
| Stddev | .0011909 | -----   |
| %RSD   | .5817441 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .2035654 | z 12241.37 |
| #2 | .2046213 | z 12260.13 |
| #3 | .2059423 | z 12280.73 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3826.739 | 78051.81 | 10176.32 | 3192.947 | 4716.411 |
| Stddev    | 1.569    | 88.78    | 31.42    | 3.545    | 4.388    |
| %RSD      | .0410024 | .1137418 | .3087686 | .1110139 | .0930440 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3827.720 | 77954.24 | 10212.60 | 3190.611 | 4713.663 |
| #2 | 3824.930 | 78073.37 | 10158.70 | 3191.203 | 4714.098 |
| #3 | 3827.568 | 78127.83 | 10157.66 | 3197.025 | 4721.472 |

Sample Name: P2422-04      Acquired: 5/13/2024 17:23:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0026021 | .0005474 | .0068084 | -.002186 | -.001068 | .3308109 | .2254505 |
| Stddev | .0032495 | .0008740 | .0012861 | .000760  | .001855  | .0066854 | .0014899 |
| %RSD   | 124.8833 | 159.6804 | 18.89016 | 34.79208 | 173.6591 | 2.020901 | .6608726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060898 | -.000462 | .0082793 | -.002972 | -.002462 | .3274956 | .2237431 |
| #2 | .0020568 | .001051  | .0058956 | -.001454 | -.001779 | .3264311 | .2261214 |
| #3 | -.000340 | .001053  | .0062503 | -.002131 | .001037  | .3385060 | .2264871 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001963 | .0003844 | 18.11701 | .0008017 | .0060915 | .0134963 | .3768131 |
| Stddev | .0000510 | .0001255 | .06627   | .0001809 | .0002987 | .0000766 | .0045780 |
| %RSD   | 25.99720 | 32.65354 | .3657970 | 22.56344 | 4.902975 | .5672793 | 1.214929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001938 | .0004776 | 18.04970 | .0007923 | .0063755 | .0135620 | .3739371 |
| #2 | .0001465 | .0002417 | 18.18219 | .0009872 | .0057800 | .0135147 | .3820923 |
| #3 | .0002485 | .0004340 | 18.11915 | .0006257 | .0061189 | .0134123 | .3744100 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4685637 | 1.917168 | .0158389 | .0004011 | 359.0546 | -.002053 | .0787019 |
| Stddev | .0014834 | .025719  | .0001570 | .0002213 | 2.9463   | .001543  | .0001278 |
| %RSD   | .3165833 | 1.341535 | .9910341 | 55.16206 | .8205795 | 75.16014 | .1623739 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4668555 | 1.888646 | .0157160 | .0003088 | 356.5369 | -.000285 | .0785544 |
| #2 | .4695274 | 1.938595 | .0160157 | .0006536 | 362.2951 | -.002750 | .0787815 |
| #3 | .4693081 | 1.924263 | .0157849 | .0002410 | 358.3319 | -.003126 | .0787696 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.718613 | .0133489 | .0003516 | -.003230 | .0089731 | .6661899 | .0462827 |
| Stddev | .038116  | .0004187 | .0001776 | .001546  | .0017648 | .0080350 | .0019962 |
| %RSD   | 2.217847 | 3.136296 | 50.50274 | 47.85193 | 19.66744 | 1.206117 | 4.313127 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.732577 | .0133920 | .0005516 | -.004516 | .0079558 | .6728010 | .0484033 |
| #2 | 1.747778 | .0129104 | .0002906 | -.001515 | .0110109 | .6572468 | .0444399 |
| #3 | 1.675484 | .0137444 | .0002126 | -.003658 | .0079526 | .6685218 | .0460050 |



Sample Name: P2422-04      Acquired: 5/13/2024 17:23:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8355011 | -.000461 | .1501848 | z ***** |
| Stddev | .0077336 | .002921  | .0010084 | -----   |
| %RSD   | .9256274 | 633.9327 | .6714605 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8393647 | -.002887 | .1490587 | z 2356.324 |
| #2 | .8405417 | -.001277 | .1504915 | z 2364.858 |
| #3 | .8265970 | .002782  | .1510043 | z 2346.323 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3653.740 | 74471.16 | 10307.80 | 3070.151 | 4316.669 |
| Stddev    | 29.536   | 62.07    | 44.68    | 2.981    | 37.916   |
| %RSD      | .8083825 | .0833456 | .4334660 | .0971087 | .8783551 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3661.033 | 74528.75 | 10356.46 | 3073.584 | 4326.261 |
| #2 | 3621.241 | 74405.42 | 10268.61 | 3068.205 | 4274.878 |
| #3 | 3678.947 | 74479.33 | 10298.35 | 3068.666 | 4348.868 |

Sample Name: P2422-04DUP      Acquired: 5/13/2024 17:28:26      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0032959 | .0002241 | .0072156 | -.002551 | -.003345 | .3113960 | .2094131 |
| Stddev | .0018523 | .0012239 | .0013422 | .002797  | .000625  | .0463001 | .0312880 |
| %RSD   | 56.20017 | 546.2134 | 18.60196 | 109.6389 | 18.67289 | 14.86857 | 14.94078 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053483 | .0015911 | .0056899 | .000220  | -.004056 | .3441032 | .2268785 |
| #2 | .0017484 | -.000770 | .0077423 | -.005373 | -.002885 | .3316674 | .2280695 |
| #3 | .0027910 | -.000149 | .0082147 | -.002500 | -.003095 | .2584175 | .1732915 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002413 | .0002876 | 16.84221 | .0008636 | .0059866 | .0137905 | .3880558 |
| Stddev | .0000527 | .0000487 | 2.52533  | .0003699 | .0003246 | .0002413 | .0207381 |
| %RSD   | 21.84175 | 16.93908 | 14.99404 | 42.83291 | 5.421994 | 1.749620 | 5.344099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002931 | .0003436 | 18.31208 | .0008686 | .0058677 | .0139370 | .4104362 |
| #2 | .0002431 | .0002647 | 18.28831 | .0004913 | .0057382 | .0135120 | .3842419 |
| #3 | .0001877 | .0002546 | 13.92625 | .0012311 | .0063539 | .0139224 | .3694894 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4391529 | 1.788048 | .0155713 | .0003750 | 370.8216 | -.000729 | .0912037 |
| Stddev | .0655921 | .268268  | .0001898 | .0004670 | 6.1094   | .002428  | .0030811 |
| %RSD   | 14.93605 | 15.00339 | 1.218844 | 124.5321 | 1.647532 | 333.1793 | 3.378291 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4752605 | 1.949694 | .0155807 | .0005058 | 377.5044 | -.002682 | .0946243 |
| #2 | .4787576 | 1.936072 | .0153770 | .0007625 | 365.5232 | .001990  | .0886460 |
| #3 | .3634406 | 1.478379 | .0157562 | -.000143 | 369.4372 | -.001494 | .0903409 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.676285 | .0100477 | .0004946 | -.003340 | .0083540 | .6918331 | .0455503 |
| Stddev | .058580  | .0019932 | .0001870 | .001267  | .0000485 | .0407672 | .0011769 |
| %RSD   | 3.494631 | 19.83728 | 37.80981 | 37.93534 | .5804646 | 5.892630 | 2.583793 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.725158 | .0117750 | .0005845 | -.003375 | .0083484 | .7280517 | .0457659 |
| #2 | 1.692348 | .0105013 | .0002796 | -.004590 | .0084050 | .6997644 | .0442805 |
| #3 | 1.611349 | .0078668 | .0006197 | -.002056 | .0083085 | .6476831 | .0466045 |

Sample Name: P2422-04DUP      Acquired: 5/13/2024 17:28:26      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8522715 | -.001378 | .1407848 | z ***** |
| Stddev | .0097907 | .001304  | .0209458 | -----   |
| %RSD   | 1.148778 | 94.64250 | 14.87791 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8635767 | -.002853 | .1524695 | z 2336.048 |
| #2 | .8465777 | -.000378 | .1532818 | z 2325.588 |
| #3 | .8466600 | -.000903 | .1166032 | z 2311.301 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3656.584 | 74336.98 | 11463.81 | 3045.316 | 4317.629 |
| Stddev    | 19.783   | 1694.09  | 1557.03  | 62.673   | 19.826   |
| %RSD      | .5410195 | 2.278932 | 13.58216 | 2.058023 | .4591766 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3644.462 | 72380.88 | 10563.36 | 2974.343 | 4302.266 |
| #2 | 3679.413 | 75329.45 | 10566.35 | 3068.553 | 4340.009 |
| #3 | 3645.878 | 75300.60 | 13261.71 | 3093.052 | 4310.612 |

Sample Name: P2422-04LX5      Acquired: 5/13/2024 17:33:01      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0023232 | -.000475 | .0006965 | .0004829 | -.001193 | .0607942 | .0458710 |
| Stddev | .0049596 | .001422  | .0007388 | .0014037 | .000443  | .0083330 | .0006575 |
| %RSD   | 213.4767 | 299.4562 | 106.0730 | 290.6712 | 37.13457 | 13.70683 | 1.433402 |
| #1     | .0014213 | -.000995 | .0013989 | .0013669 | -.000845 | .0558385 | .0451216 |
| #2     | .0076719 | .001134  | .0007645 | .0012175 | -.001041 | .0704148 | .0463511 |
| #3     | -.002123 | -.001564 | -.000074 | -.001136 | -.001691 | .0561294 | .0461403 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000695 | .0000268 | 3.719919 | -.000179 | .0013002 | .0027373 | .0800896 |
| Stddev | .0000767 | .0000848 | .038348  | .000336  | .0000066 | .0002412 | .0047128 |
| %RSD   | 110.3546 | 316.7907 | 1.030884 | 188.1795 | .5086141 | 8.812073 | 5.884400 |
| #1     | .0000839 | .0000094 | 3.675692 | -.000414 | .0012939 | .0029459 | .0838477 |
| #2     | .0001380 | .0001189 | 3.740157 | -.000328 | .0013070 | .0024732 | .0748020 |
| #3     | -.000013 | -.000048 | 3.743909 | .000206  | .0012996 | .0027927 | .0816191 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0962474 | .3962607 | .0028746 | -.000070 | 71.93123 | -.001210 | .0167433 |
| Stddev | .0008639 | .0080384 | .0003252 | .000560  | .34454   | .000929  | .0000431 |
| %RSD   | .8976003 | 2.028559 | 11.31136 | 796.5469 | .4789801 | 76.78316 | .2571593 |
| #1     | .0953925 | .3902997 | .0025308 | .000289  | 72.19133 | -.000272 | .0167453 |
| #2     | .0962298 | .4054028 | .0031772 | -.000715 | 71.54048 | -.001227 | .0167853 |
| #3     | .0971200 | .3930797 | .0029157 | .000215  | 72.06189 | -.002130 | .0166992 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2812168 | -.001727 | .0002405 | -.001079 | .0019271 | .1480803 | .0116184 |
| Stddev | .0201802 | .000819  | .0001586 | .000776  | .0005737 | .0073931 | .0017671 |
| %RSD   | 7.176018 | 47.42852 | 65.95507 | 71.89605 | 29.76879 | 4.992601 | 15.20973 |
| #1     | .2965391 | -.002209 | .0004234 | -.001843 | .0012802 | .1510712 | .0136228 |
| #2     | .2887595 | -.002190 | .0001398 | -.001101 | .0021269 | .1535094 | .0102854 |
| #3     | .2583517 | -.000781 | .0001584 | -.000292 | .0023742 | .1396604 | .0109469 |

Sample Name: P2422-04LX5      Acquired: 5/13/2024 17:33:01      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .1540201 | -.000069 | .0312231 | z ***** |
| Stddev | .0028249 | .002937  | .0002253 | -----   |
| %RSD   | 1.834104 | 4250.566 | .7215117 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .1572532 | -.003412 | .0309701 | z 2276.930 |
| #2 | .1520286 | .001111  | .0312971 | z 2273.981 |
| #3 | .1527787 | .002094  | .0314020 | z 2279.376 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3643.685 | 75262.45 | 10189.41 | 3076.447 | 4428.253 |
| Stddev    | 12.465   | 33.93    | 84.01    | 8.226    | 12.156   |
| %RSD      | .3421059 | .0450810 | .8244405 | .2673799 | .2745147 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3631.884 | 75299.19 | 10282.20 | 3085.922 | 4415.526 |
| #2 | 3642.448 | 75232.30 | 10118.51 | 3072.287 | 4429.488 |
| #3 | 3656.722 | 75255.87 | 10167.53 | 3071.131 | 4439.745 |

Sample Name: P2422-04MS      Acquired: 5/13/2024 17:46:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9245148 | 2.156544 | 1.083789 | 2.306790 | .8424832 | 2.523460 | .4389508 |
| Stddev | .0051545 | .007923  | .001373  | .006540  | .0025572 | .008745  | .0010171 |
| %RSD   | .5575387 | .3673857 | .1267238 | .2834911 | .3035361 | .3465660 | .2317042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9185754 | 2.147421 | 1.084632 | 2.299925 | .8395416 | 2.514839 | .4388135 |
| #2 | .9278185 | 2.161694 | 1.082204 | 2.312947 | .8441768 | 2.532324 | .4400296 |
| #3 | .9271505 | 2.160517 | 1.084531 | 2.307497 | .8437313 | 2.523217 | .4380094 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2221262 | .2142454 | 18.78639 | .4284860 | .2258487 | .3466042 | 3.670877 |
| Stddev | .0011619 | .0003427 | .05445   | .0038572 | .0004651 | .0011540 | .022972  |
| %RSD   | .5230996 | .1599584 | .2898553 | .9001853 | .2059511 | .3329394 | .6257930 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2215814 | .2139728 | 18.78606 | .4280859 | .2254194 | .3453115 | 3.654749 |
| #2 | .2213368 | .2141332 | 18.84101 | .4248444 | .2257838 | .3469704 | 3.660703 |
| #3 | .2234604 | .2146301 | 18.73211 | .4325276 | .2263428 | .3475306 | 3.697179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6774907 | 3.888654 | .5695881 | .0821788 | 352.4795 | .3241913 | .3019486 |
| Stddev | .0020629 | .012186  | .0006306 | .0006136 | 3.5604   | .0030572 | .0033618 |
| %RSD   | .3044866 | .3133802 | .1107208 | .7467050 | 1.010112 | .9430314 | 1.113364 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6777821 | 3.902725 | .5691807 | .0818003 | 350.9421 | .3220865 | .3016158 |
| #2 | .6793923 | 3.881593 | .5692691 | .0818493 | 349.9461 | .3276981 | .2987657 |
| #3 | .6752976 | 3.881643 | .5703145 | .0828868 | 356.5503 | .3227892 | .3054645 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.47682 | .3201680 | .4296186 | .7310178 | .2187811 | 1.565700 | 6.302350 |
| Stddev | .05380   | .0028635 | .0006034 | .0032199 | .0011622 | .017467  | .030196  |
| %RSD   | .3992361 | .8943876 | .1404410 | .4404669 | .5312309 | 1.115609 | .4791301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.45230 | .3198322 | .4289323 | .7276498 | .2188282 | 1.556734 | 6.271438 |
| #2 | 13.43965 | .3174872 | .4300657 | .7313379 | .2199190 | 1.554536 | 6.303837 |
| #3 | 13.53852 | .3231847 | .4298577 | .7340656 | .2175960 | 1.585829 | 6.331776 |

Sample Name: P2422-04MS      Acquired: 5/13/2024 17:46:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8025153 | .2022888 | .3519636 | z ***** |
| Stddev | .0069338 | .0025087 | .0011722 | -----   |
| %RSD   | .8640119 | 1.240139 | .3330549 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .7945582 | .2008836 | .3510407 | z 12081.50 |
| #2 | .8072633 | .2007977 | .3532826 | z 12040.92 |
| #3 | .8057243 | .2051851 | .3515677 | z 12077.45 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3696.607 | 76192.90 | 10522.72 | 3145.780 | 4337.613 |
| Stddev    | 15.288   | 722.61   | 38.13    | 36.602   | 17.131   |
| %RSD      | .4135640 | .9483922 | .3623646 | 1.163542 | .3949391 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3714.210 | 76554.78 | 10534.45 | 3166.694 | 4356.475 |
| #2 | 3688.965 | 76663.07 | 10553.61 | 3167.130 | 4333.344 |
| #3 | 3686.648 | 75360.85 | 10480.10 | 3103.516 | 4323.021 |

Sample Name: P2422-04MSD      Acquired: 5/13/2024 17:50:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9356430 | 2.160158 | 1.090220 | 2.336396 | .8231808 | 2.524377 | .4336666 |
| Stddev | .0057323 | .007709  | .009098  | .021458  | .0106015 | .033086  | .0020749 |
| %RSD   | .6126599 | .3568722 | .8345269 | .9184071 | 1.287867 | 1.310651 | .4784613 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9290242 | 2.151262 | 1.081109 | 2.314041 | .8128674 | 2.490276 | .4315751 |
| #2 | .9390070 | 2.164885 | 1.090245 | 2.338319 | .8226263 | 2.526512 | .4357245 |
| #3 | .9388978 | 2.164327 | 1.099306 | 2.356827 | .8340486 | 2.556344 | .4337003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2243983 | .2161440 | 18.46925 | .4254512 | .2271610 | .3492296 | 3.637920 |
| Stddev | .0003689 | .0013575 | .06486   | .0008969 | .0010648 | .0029354 | .010603  |
| %RSD   | .1643993 | .6280588 | .3511804 | .2108018 | .4687515 | .8405396 | .2914696 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2243024 | .2146926 | 18.39486 | .4244335 | .2264543 | .3459222 | 3.631156 |
| #2 | .2248057 | .2163569 | 18.49896 | .4257942 | .2266429 | .3502412 | 3.650141 |
| #3 | .2240868 | .2173825 | 18.51393 | .4261259 | .2283857 | .3515255 | 3.632464 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6687918 | 3.850230 | .5728134 | .0823345 | 338.7972 | .3234226 | .3030687 |
| Stddev | .0011298 | .021841  | .0037916 | .0001277 | 2.0889   | .0020302 | .0007142 |
| %RSD   | .1689336 | .5672662 | .6619289 | .1550338 | .6165711 | .6277262 | .2356572 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6676391 | 3.829264 | .5692672 | .0822301 | 336.5908 | .3223133 | .3033060 |
| #2 | .6698973 | 3.872852 | .5723626 | .0822965 | 339.0563 | .3257658 | .3036340 |
| #3 | .6688389 | 3.848574 | .5768102 | .0824768 | 340.7444 | .3221888 | .3022660 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.36533 | .3228405 | .4189605 | .7100164 | .2117182 | 1.532542 | 6.338712 |
| Stddev | .04199   | .0007071 | .0041287 | .0044195 | .0015124 | .005854  | .031654  |
| %RSD   | .3141661 | .2190190 | .9854514 | .6224427 | .7143557 | .3820111 | .4993773 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.32697 | .3230037 | .4147943 | .7078883 | .2099721 | 1.526930 | 6.310059 |
| #2 | 13.41019 | .3234518 | .4190367 | .7070636 | .2126179 | 1.538612 | 6.333387 |
| #3 | 13.35882 | .3220661 | .4230506 | .7150972 | .2125647 | 1.532083 | 6.372691 |



Sample Name: P2422-04MSD      Acquired: 5/13/2024 17:50:24      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .7751243 | .2034232 | .3489093 | z ***** |
| Stddev | .0040872 | .0006476 | .0017790 | -----   |
| %RSD   | .5272919 | .3183335 | .5098707 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .7726552 | .2032319 | .3469168 | z 12333.35 |
| #2 | .7728756 | .2028928 | .3503384 | z 12339.76 |
| #3 | .7798420 | .2041449 | .3494727 | z 12348.28 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3719.952 | 77506.78 | 10599.80 | 3160.280 | 4380.755 |
| Stddev    | 30.800   | 156.30   | 16.32    | 4.348    | 29.261   |
| %RSD      | .8279670 | .2016592 | .1540095 | .1375944 | .6679483 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3750.036 | 77676.17 | 10617.25 | 3163.618 | 4410.252 |
| #2 | 3721.339 | 77476.02 | 10584.90 | 3155.363 | 4380.278 |
| #3 | 3688.483 | 77368.15 | 10597.27 | 3161.861 | 4351.736 |

Sample Name: P2422-04A      Acquired: 5/13/2024 17:54:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .8845894 | 2.030117 | 1.032908 | 2.203603 | .7981763 | 2.513422 | .4309416 |
| Stddev | .0052590 | .010192  | .002180  | .008073  | .0047637 | .029044  | .0073054 |
| %RSD   | .5945162 | .5020353 | .2110101 | .3663769 | .5968218 | 1.155557 | 1.695210 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8833399 | 2.041825 | 1.034767 | 2.195572 | .7929048 | 2.483322 | .4228268 |
| #2 | .8903607 | 2.025302 | 1.033448 | 2.211718 | .8021726 | 2.515662 | .4330038 |
| #3 | .8800677 | 2.023225 | 1.030510 | 2.203518 | .7994514 | 2.541281 | .4369943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2167047 | .2046813 | 18.57135 | .4085565 | .2149365 | .3302754 | 3.625824 |
| Stddev | .0018770 | .0002631 | .13883   | .0003463 | .0002514 | .0008210 | .009702  |
| %RSD   | .8661560 | .1285553 | .7475597 | .0847709 | .1169630 | .2485749 | .2675909 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2148180 | .2045509 | 18.41296 | .4082643 | .2147314 | .3295292 | 3.636829 |
| #2 | .2167240 | .2049841 | 18.62912 | .4089391 | .2152169 | .3311548 | 3.618504 |
| #3 | .2185719 | .2045087 | 18.67197 | .4084660 | .2148611 | .3301421 | 3.622140 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6668697 | 3.825285 | .5422125 | .0794736 | 342.5025 | .3189037 | .2927560 |
| Stddev | .0097981 | .067007  | .0005955 | .0009015 | 1.1206   | .0032255 | .0029136 |
| %RSD   | 1.469266 | 1.751694 | .1098357 | 1.134296 | .3271668 | 1.011433 | .9952455 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6561765 | 3.748135 | .5426439 | .0799695 | 343.3207 | .3155280 | .2944885 |
| #2 | .6690156 | 3.868946 | .5424606 | .0800182 | 342.9615 | .3192286 | .2943872 |
| #3 | .6754169 | 3.858773 | .5415330 | .0784331 | 341.2253 | .3219544 | .2893921 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.13648 | .3125042 | .4076457 | .6895394 | .2156283 | 1.559682 | 5.994627 |
| Stddev | .04903   | .0038190 | .0008310 | .0014890 | .0024761 | .013229  | .025171  |
| %RSD   | .3732702 | 1.222056 | .2038500 | .2159385 | 1.148318 | .8482111 | .4198971 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.15508 | .3081105 | .4070216 | .6900443 | .2134813 | 1.549580 | 6.000433 |
| #2 | 13.17349 | .3143748 | .4085890 | .6907103 | .2150666 | 1.554811 | 6.016388 |
| #3 | 13.08087 | .3150272 | .4073267 | .6878636 | .2183370 | 1.574657 | 5.967060 |

Sample Name: P2422-04A      Acquired: 5/13/2024 17:54:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .7510024 | .1979989 | .3476239 | z ***** |
| Stddev | .0024898 | .0057902 | .0053413 | -----   |
| %RSD   | .3315234 | 2.924362 | 1.536526 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .7484219 | .1914229 | .3415702 | z 12010.69 |
| #2 | .7533901 | .2002411 | .3496289 | z 12046.07 |
| #3 | .7511951 | .2023327 | .3516726 | z 11957.47 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3837.666 | 78231.85 | 10727.49 | 3201.852 | 4524.296 |
| Stddev    | 11.984   | 243.13   | 124.06   | 19.065   | 1.820    |
| %RSD      | .3122696 | .3107805 | 1.156486 | .5954350 | .0402259 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3850.560 | 77969.14 | 10846.98 | 3186.677 | 4526.054 |
| #2 | 3826.869 | 78277.49 | 10736.17 | 3195.628 | 4524.414 |
| #3 | 3835.570 | 78448.93 | 10599.31 | 3223.251 | 4522.419 |

Sample Name: P2411-04      Acquired: 5/13/2024 17:59:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0059276 | -.000886 | .0266769 | -.000760 | .0001355 | .3827772 | .2719968 |
| Stddev | .0016854 | .002272  | .0013459 | .003012  | .0001464 | .0127864 | .0064720 |
| %RSD   | 28.43345 | 256.3768 | 5.045066 | 396.0522 | 107.9960 | 3.340438 | 2.379431 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0056446 | -.003473 | .0265122 | -.002158 | .0001676 | .3818396 | .2692978 |
| #2 | .0044017 | .000783  | .0280975 | -.002820 | -.000024 | .3960066 | .2793814 |
| #3 | .0077367 | .000032  | .0254210 | .002696  | .000263  | .3704854 | .2673111 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000518 | .0003055 | 34.70863 | .0034497 | .0002676 | .0202608 | .4094361 |
| Stddev | .0000324 | .0000640 | .83448   | .0001037 | .0001294 | .0006595 | .0081672 |
| %RSD   | 62.43450 | 20.96757 | 2.404244 | 3.007096 | 48.34405 | 3.255208 | 1.994739 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000191 | .0003691 | 34.34377 | .0033705 | .0001389 | .0197733 | .4181765 |
| #2 | .0000525 | .0002410 | 35.66341 | .0035672 | .0003976 | .0210112 | .4019989 |
| #3 | .0000838 | .0003063 | 34.11872 | .0034115 | .0002662 | .0199979 | .4081330 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2736086 | .9022560 | .0027601 | .0002028 | 366.1156 | .0002281 | .1369953 |
| Stddev | .0069193 | .0464918 | .0001371 | .0001081 | 4.2690   | .0005368 | .0003257 |
| %RSD   | 2.528896 | 5.152841 | 4.967678 | 53.29470 | 1.166030 | 235.3338 | .2377395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2706637 | .8899204 | .0029065 | .0003276 | 362.0364 | .0001081 | .1366518 |
| #2 | .2815132 | .9536716 | .0026347 | .0001393 | 370.5520 | -.000239 | .1370344 |
| #3 | .2686490 | .8631760 | .0027391 | .0001415 | 365.7584 | .000815  | .1372996 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.186533 | .0197625 | .0034780 | -.002660 | .0105930 | .8034677 | .1842867 |
| Stddev | .055421  | .0007865 | .0000936 | .000466  | .0008640 | .0162316 | .0075860 |
| %RSD   | 4.670820 | 3.979864 | 2.690362 | 17.50174 | 8.156566 | 2.020192 | 4.116410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.142017 | .0194085 | .0033703 | -.002454 | .0098478 | .7895226 | .1825698 |
| #2 | 1.248606 | .0206639 | .0035241 | -.002333 | .0103911 | .8212853 | .1925840 |
| #3 | 1.168976 | .0192153 | .0035396 | -.003193 | .0115401 | .7995952 | .1777063 |

Sample Name: P2411-04      Acquired: 5/13/2024 17:59:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .5098527 | -.001154 | .0676603 | z ***** |
| Stddev | .0121023 | .002720  | .0016456 | -----   |
| %RSD   | 2.373694 | 235.6498 | 2.432188 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .5092720 | .000755  | .0669348 | z 2343.756 |
| #2 | .5222349 | .000051  | .0695440 | z 2350.718 |
| #3 | .4980511 | -.004269 | .0665021 | z 2349.820 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3571.305 | 75628.87 | 10549.48 | 3047.087 | 4242.033 |
| Stddev    | 70.520   | 150.56   | 233.23   | 10.994   | 85.191   |
| %RSD      | 1.974615 | .1990768 | 2.210794 | .3607880 | 2.008268 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3599.811 | 75794.24 | 10643.70 | 3055.199 | 4275.623 |
| #2 | 3490.994 | 75499.74 | 10283.88 | 3051.487 | 4145.167 |
| #3 | 3623.108 | 75592.62 | 10720.86 | 3034.575 | 4305.309 |

Sample Name: P2422-08      Acquired: 5/13/2024 18:03:36      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0062106 | -.004885 | .0125361 | .0007078 | -.000385 | .4941943 | .3510232 |
| Stddev | .0016566 | .001397  | .0001052 | .0016951 | .001493  | .0111010 | .0006057 |
| %RSD   | 26.67394 | 28.59498 | .8392116 | 239.4869 | 387.7169 | 2.246278 | .1725547 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0046842 | -.004849 | .0126428 | .0018296 | .001093  | .4854826 | .3508999 |
| #2 | .0059752 | -.003507 | .0124324 | .0015359 | -.000356 | .4904070 | .3504886 |
| #3 | .0079722 | -.006300 | .0125330 | -.001242 | -.001893 | .5066933 | .3516810 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002953 | .0002556 | 13.33685 | .0024980 | .0104996 | .0260834 | .6065394 |
| Stddev | .0000254 | .0000718 | .03090   | .0000858 | .0003164 | .0000548 | .0046356 |
| %RSD   | 8.583569 | 28.08355 | .2316876 | 3.433479 | 3.013313 | .2099791 | .7642701 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002952 | .0001938 | 13.33775 | .0025389 | .0108240 | .0261324 | .6029768 |
| #2 | .0002700 | .0003343 | 13.30552 | .0023995 | .0104831 | .0260936 | .6117805 |
| #3 | .0003207 | .0002386 | 13.36730 | .0025557 | .0101918 | .0260243 | .6048610 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.659149 | 1.832503 | .0074572 | .0009221 | 438.4535 | .0002004 | .1469522 |
| Stddev | .012624  | .042909  | .0002720 | .0000425 | 4.8364   | .0015640 | .0002461 |
| %RSD   | .3449880 | 2.341536 | 3.647892 | 4.606397 | 1.103054 | 780.3879 | .1674997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.670228 | 1.826773 | .0071497 | .0009642 | 434.5861 | .0019276 | .1472214 |
| #2 | 3.645406 | 1.877989 | .0075551 | .0009229 | 436.8983 | -.000206 | .1467386 |
| #3 | 3.661812 | 1.792747 | .0076667 | .0008793 | 443.8762 | -.001120 | .1468966 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.538949 | .0297162 | .0004527 | -.003060 | .0092310 | 1.232875 | .0415246 |
| Stddev | .016190  | .0003904 | .0001079 | .000828  | .0001619 | .008470  | .0007253 |
| %RSD   | .6376823 | 1.313743 | 23.84210 | 27.07163 | 1.753600 | .6869991 | 1.746590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.547902 | .0301548 | .0003347 | -.003978 | .0091544 | 1.239235 | .0413992 |
| #2 | 2.548685 | .0295872 | .0005464 | -.002368 | .0094170 | 1.223261 | .0408702 |
| #3 | 2.520259 | .0294066 | .0004772 | -.002833 | .0091217 | 1.236130 | .0423044 |

Sample Name: P2422-08      Acquired: 5/13/2024 18:03:36      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .6556223 | -.003965 | .0887021 | z ***** |
| Stddev | .0042230 | .001231  | .0000911 | -----   |
| %RSD   | .6441195 | 31.05588 | .1027187 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .6603166 | -.003116 | .0887728 | z 2305.117 |
| #2 | .6521322 | -.005377 | .0885993 | z 2311.727 |
| #3 | .6544181 | -.003401 | .0887343 | z 2276.878 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3491.772 | 73366.00 | 10235.44 | 2971.725 | 4132.417 |
| Stddev    | 3.012    | 185.57   | 14.40    | 20.534   | 5.106    |
| %RSD      | .0862730 | .2529437 | .1406545 | .6909754 | .1235628 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3494.447 | 73433.18 | 10238.05 | 2978.600 | 4134.066 |
| #2 | 3488.509 | 73508.64 | 10248.36 | 2987.940 | 4136.494 |
| #3 | 3492.361 | 73156.20 | 10219.92 | 2948.636 | 4126.690 |

Sample Name: P2423-04      Acquired: 5/13/2024 18:08:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0045299 | -.001994 | .0042578 | -.003497 | -.001757 | .5624972 | .2848466 |
| Stddev | .0036709 | .000792  | .0021022 | .001774  | .002284  | .0091928 | .0002961 |
| %RSD   | 81.03805 | 39.71983 | 49.37232 | 50.74406 | 130.0408 | 1.634290 | .1039467 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047706 | -.002775 | .0066398 | -.005447 | -.003172 | .5642888 | .2847323 |
| #2 | .0080745 | -.001192 | .0034711 | -.001978 | .000879  | .5525404 | .2846247 |
| #3 | .0007445 | -.002013 | .0026624 | -.003066 | -.002977 | .5706623 | .2851828 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006617 | -.000445 | 7.745573 | .0029913 | .0041107 | .0175769 | 9.486535 |
| Stddev | .0000585 | .000195  | .013162  | .0005394 | .0003440 | .0007690 | .939474  |
| %RSD   | 8.841702 | 43.93900 | .1699270 | 18.03138 | 8.369532 | 4.375006 | 9.903238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007214 | -.000272 | 7.737392 | .0026596 | .0042061 | .0180435 | 8.920328 |
| #2 | .0006591 | -.000657 | 7.738572 | .0036137 | .0037291 | .0166893 | 10.57099 |
| #3 | .0006045 | -.000405 | 7.760756 | .0027007 | .0043970 | .0179979 | 8.96828  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.263693 | 2.443124 | .0040743 | .0001162 | 419.4920 | -.001182 | .1295651 |
| Stddev | .001915  | .011154  | .0003349 | .0004263 | 38.1328  | .000449  | .0151529 |
| %RSD   | .1515498 | .4565516 | 8.219100 | 366.8043 | 9.090234 | 37.99485 | 11.69524 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.262638 | 2.430946 | .0044352 | -.000363 | 394.1249 | -.001699 | .1203427 |
| #2 | 1.262537 | 2.452846 | .0040140 | .000452  | 463.3443 | -.000962 | .1470535 |
| #3 | 1.265903 | 2.445579 | .0037737 | .000259  | 401.0067 | -.000886 | .1212990 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7046639 | .0414994 | .0002209 | -.001582 | .0106711 | 1.176939 | .0350873 |
| Stddev | .0637220 | .0042379 | .0001801 | .000329  | .0003839 | .116252  | .0013544 |
| %RSD   | 9.042893 | 10.21194 | 81.52825 | 20.78256 | 3.597395 | 9.877486 | 3.860010 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6373256 | .0388855 | .0000704 | -.001241 | .0106437 | 1.105656 | .0349766 |
| #2 | .7640168 | .0463890 | .0004205 | -.001608 | .0103017 | 1.311087 | .0337916 |
| #3 | .7126494 | .0392237 | .0001719 | -.001897 | .0110680 | 1.114074 | .0364936 |



Sample Name: P2423-04      Acquired: 5/13/2024 18:08:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4394337 | -.002799 | .0336109 | z ***** |
| Stddev | .0042430 | .001170  | .0009116 | -----   |
| %RSD   | .9655638 | 41.81214 | 2.712348 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4423222 | -.002491 | .0339941 | z 2315.111 |
| #2 | .4414168 | -.004092 | .0325702 | z 2317.783 |
| #3 | .4345623 | -.001813 | .0342684 | z 2331.340 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3576.912 | 70075.31 | 10249.49 | 2870.391 | 4223.572 |
| Stddev    | 12.706   | 6488.44  | 13.42    | 257.762  | 21.728   |
| %RSD      | .3552188 | 9.259235 | .1309749 | 8.980018 | .5144508 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3562.853 | 74056.18 | 10261.90 | 3024.656 | 4198.564 |
| #2 | 3580.306 | 62588.12 | 10235.24 | 2572.821 | 4237.821 |
| #3 | 3587.575 | 73581.64 | 10251.33 | 3013.697 | 4234.332 |

Sample Name: CCV05      Acquired: 5/13/2024 18:12:44      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | 5.012417 | 5.024623 | 4.920131 | 5.166905 | 5.106559 | 10.01927 | 10.11245 |
| Stddev | .006699  | .016237  | .006804  | .009539  | .003683  | .01382   | .06586   |
| %RSD   | .1336420 | .3231558 | .1382875 | .1846078 | .0721237 | .1379194 | .6512646 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.016421 | 5.041036 | 4.927913 | 5.169742 | 5.104749 | 10.00928 | 10.04834 |
| #2 | 5.004683 | 5.024265 | 4.915309 | 5.156270 | 5.104131 | 10.03504 | 10.10907 |
| #3 | 5.016146 | 5.008568 | 4.917170 | 5.174704 | 5.110797 | 10.01349 | 10.17993 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2449926 | 2.446659 | 24.61755 | .9612374 | 2.466098 | 1.268886 | 4.803165 |
| Stddev | .0002805 | .003569  | .03960   | .0015773 | .002287  | .001233  | .025917  |
| %RSD   | .1145068 | .1458735 | .1608776 | .1640917 | .0927271 | .0971363 | .5395796 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2448258 | 2.450755 | 24.59145 | .9619773 | 2.468507 | 1.270307 | 4.774505 |
| #2 | .2448356 | 2.444222 | 24.59809 | .9623086 | 2.463958 | 1.268102 | 4.810035 |
| #3 | .2453165 | 2.444999 | 24.66312 | .9594261 | 2.465828 | 1.268250 | 4.824955 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.459095 | 23.30241 | 2.467792 | 1.222660 | 24.15872 | 2.433223 | 2.462098 |
| Stddev | .006470  | .13708   | .002743  | .000493  | .04391   | .010456  | .004409  |
| %RSD   | .2631080 | .5882729 | .1111374 | .0403381 | .1817366 | .4297255 | .1790837 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.457197 | 23.23183 | 2.470548 | 1.222646 | 24.10814 | 2.431563 | 2.458325 |
| #2 | 2.453787 | 23.21499 | 2.467764 | 1.223161 | 24.18697 | 2.423696 | 2.466945 |
| #3 | 2.466302 | 23.46040 | 2.465063 | 1.222175 | 24.18106 | 2.444410 | 2.461023 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.35653 | 4.909738 | 5.085084 | 4.910007 | 4.993093 | 4.733740 | 4.737976 |
| Stddev | .12211   | .007413  | .006519  | .007653  | .010013  | .056501  | .014980  |
| %RSD   | .5013525 | .1509895 | .1281943 | .1558738 | .2005391 | 1.193577 | .3161612 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.21781 | 4.917430 | 5.087597 | 4.915041 | 4.986403 | 4.668504 | 4.749153 |
| #2 | 24.40403 | 4.902640 | 5.077683 | 4.913781 | 4.988272 | 4.767125 | 4.720955 |
| #3 | 24.44775 | 4.909145 | 5.089973 | 4.901200 | 5.004605 | 4.765590 | 4.743820 |

Sample Name: CCV05      Acquired: 5/13/2024 18:12:44      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.803356 | 4.890019 | 5.050182 | z ***** |
| Stddev | .002910  | .025437  | .011473  | -----   |
| %RSD   | .0605849 | .5201795 | .2271835 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.804174 | 4.883452 | 5.053700 | z 2510.118 |
| #2 | 4.800125 | 4.868509 | 5.037362 | z 2525.344 |
| #3 | 4.805770 | 4.918095 | 5.059484 | z 2516.747 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3663.295 | 76279.65 | 10205.49 | 3083.431 | 4398.920 |
| Stddev    | 3.069    | 180.74   | 20.32    | 5.984    | 7.575    |
| %RSD      | .0837895 | .2369493 | .1991508 | .1940583 | .1721937 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3659.754 | 76276.38 | 10182.20 | 3085.411 | 4390.994 |
| #2 | 3665.196 | 76100.57 | 10219.65 | 3076.708 | 4399.681 |
| #3 | 3664.936 | 76462.01 | 10214.61 | 3088.173 | 4406.086 |

Sample Name: CCB05      Acquired: 5/13/2024 18:17:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0034795 | -.000595 | -.000407 | -.002079 | -.004722 | .0023004 | .0004380 |
| Stddev | .0054633 | .001789  | .000843  | .001430  | .000808  | .0057219 | .0005297 |
| %RSD   | 157.0155 | 300.8193 | 207.3031 | 68.76488 | 17.10517 | 248.7313 | 120.9452 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010546 | .001090  | -.001379 | -.002122 | -.005536 | -.003143 | -.000154 |
| #2 | .0097355 | -.002472 | .000043  | -.000628 | -.003921 | .001780  | .000602  |
| #3 | -.000352 | -.000402 | .000116  | -.003486 | -.004708 | .008265  | .000866  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000028 | -.000036 | -.020480 | .0000893 | .0002178 | .0000878 | .0377580 |
| Stddev | .000055  | .000057  | .007719  | .0001004 | .0001927 | .0001411 | .0035884 |
| %RSD   | 193.6287 | 160.0536 | 37.68853 | 112.4355 | 88.50408 | 160.7630 | 9.503628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000016  | -.000100 | -.027597 | .0000515 | .0001766 | -.000019 | .0343029 |
| #2 | -.000012 | .000010  | -.012275 | .0002032 | .0000489 | .000248  | .0414662 |
| #3 | -.000089 | -.000018 | -.021568 | .0000133 | .0004277 | .000035  | .0375049 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013193 | -.005202 | -.000053 | .0002242 | -.081817 | .0004763 | .0014760 |
| Stddev | .0001407 | .007462  | .000296  | .0004022 | .011166  | .0008787 | .0000692 |
| %RSD   | 10.66737 | 143.4523 | 563.7805 | 179.4080 | 13.64818 | 184.4640 | 4.691077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012191 | -.010933 | .000261  | .0002879 | -.089965 | -.000537 | .0015208 |
| #2 | .0014802 | .003236  | -.000327 | -.000206 | -.086397 | .000948  | .0015110 |
| #3 | .0012587 | -.007908 | -.000092 | .000591  | -.069088 | .001018  | .0013963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.013265 | -.000680 | .0005504 | .2837252 | .0000960 | .0088751 | .0045632 |
| Stddev | .023917  | .000474  | .0002722 | .0002300 | .0001484 | .0131834 | .0008997 |
| %RSD   | 180.3049 | 69.70520 | 49.45839 | .0810720 | 154.5195 | 148.5440 | 19.71607 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.028460 | -.000563 | .0007487 | .2836072 | -.000017 | .0058313 | .0051739 |
| #2 | -.025638 | -.000275 | .0006624 | .2839903 | .000041  | .0233142 | .0049856 |
| #3 | .014304  | -.001201 | .0002400 | .2835782 | .000264  | -.002520 | .0035300 |

Sample Name: CCB05      Acquired: 5/13/2024 18:17:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0099544 | .0031167 | .0001048 | z ***** |
| Stddev | .0013287 | .0004444 | .0000463 | -----   |
| %RSD   | 13.34772 | 14.25803 | 44.20004 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0084444 | .0027867 | .0001352 | z 2225.115 |
| #2 | .0109449 | .0029415 | .0001278 | z 2233.310 |
| #3 | .0104738 | .0036220 | .0000515 | z 2218.843 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3847.136 | 77755.74 | 10201.67 | 3191.632 | 4805.357 |
| Stddev    | 2.339    | 148.31   | 69.72    | 11.532   | 4.580    |
| %RSD      | .0607909 | .1907372 | .6833891 | .3613347 | .0953107 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3844.501 | 77588.17 | 10241.16 | 3187.067 | 4801.037 |
| #2 | 3847.938 | 77808.93 | 10242.68 | 3183.081 | 4804.876 |
| #3 | 3848.968 | 77870.11 | 10121.17 | 3204.748 | 4810.159 |

Sample Name: P2176-02DLX5      Acquired: 5/13/2024 18:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0011326 | -.000107 | .0035621 | .0020726 | -.004167 | .0538384 | .0040354 |
| Stddev | .0016764 | .001186  | .0007493 | .0029926 | .001628  | .0065274 | .0001624 |
| %RSD   | 148.0201 | 1104.571 | 21.03515 | 144.3857 | 39.07560 | 12.12400 | 4.023365 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030566 | -.001407 | .0032654 | .0049568 | -.005619 | .0606213 | .0039671 |
| #2 | .0003549 | .000916  | .0044143 | .0022789 | -.004474 | .0476007 | .0039184 |
| #3 | -.000014 | .000169  | .0030065 | -.001018 | -.002407 | .0532933 | .0042207 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000088 | .0002387 | 1.512403 | .0392147 | .0004052 | 1.055614 | .1451217 |
| Stddev | .0000192 | .0001151 | .010406  | .0001451 | .0003447 | .001837  | .0026997 |
| %RSD   | 218.3683 | 48.21735 | .6880455 | .3699484 | 85.06753 | .1740652 | 1.860297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000300 | .0001059 | 1.501141 | .0390609 | .0000113 | 1.053860 | .1476479 |
| #2 | .0000038 | .0003094 | 1.521662 | .0393491 | .0006514 | 1.057525 | .1454405 |
| #3 | -.000007 | .0003008 | 1.514406 | .0392341 | .0005528 | 1.055459 | .1422768 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078279 | .3572381 | .0104067 | .0092885 | 89.25987 | -.000305 | .0461760 |
| Stddev | .0000998 | .0118527 | .0000527 | .0000906 | 1.01482  | .000822  | .0003734 |
| %RSD   | 1.275145 | 3.317860 | .5063177 | .9758549 | 1.136929 | 269.9190 | .8085769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0077461 | .3526987 | .0103572 | .0091860 | 88.20229 | .000164  | .0457562 |
| #2 | .0077985 | .3706896 | .0104009 | .0093216 | 89.35160 | -.001254 | .0464710 |
| #3 | .0079391 | .3483262 | .0104621 | .0093580 | 90.22571 | .000176  | .0463007 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9564717 | .0450436 | .0006333 | .2543200 | .0014197 | 4.114156 | 3.293308 |
| Stddev | .0223431 | .0007571 | .0001973 | .0009054 | .0004774 | .050573  | .002000  |
| %RSD   | 2.335986 | 1.680792 | 31.14968 | .3560138 | 33.62295 | 1.229237 | .0607264 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9306915 | .0443066 | .0004099 | .2544323 | .0017371 | 4.058188 | 3.291270 |
| #2 | .9684993 | .0458193 | .0007835 | .2551640 | .0008708 | 4.127708 | 3.295268 |
| #3 | .9702245 | .0450050 | .0007064 | .2533637 | .0016514 | 4.156572 | 3.293387 |

Sample Name: P2176-02DLX5      Acquired: 5/13/2024 18:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |         |
|--------|----------|----------|----------|---------|
| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.538855 | -.001796 | .0049865 | z ***** |
| Stddev | .008556  | .002642  | .0000454 | -----   |
| %RSD   | .5560000 | 147.1028 | .9095737 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.529362 | -.004736 | .0049734 | z 2168.050 |
| #2 | 1.545973 | .000380  | .0049491 | z 2162.677 |
| #3 | 1.541229 | -.001032 | .0050369 | z 2157.422 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3679.131 | 75960.79 | 10424.20 | 3084.555 | 4504.511 |
| Stddev    | 1.867    | 76.09    | 74.61    | 10.973   | .612     |
| %RSD      | .0507419 | .1001733 | .7157857 | .3557423 | .0135919 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3681.206 | 76013.99 | 10420.95 | 3096.837 | 4505.218 |
| #2 | 3677.589 | 75873.63 | 10351.25 | 3075.716 | 4504.152 |
| #3 | 3678.595 | 75994.75 | 10500.38 | 3081.114 | 4504.163 |

Sample Name: P2176-03DLX5      Acquired: 5/13/2024 18:25:58      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0037590 | -.001684 | .0061939 | -.002736 | -.006087 | .0093431 |
| Stddev | .0014708 | .001296  | .0014996 | .001043  | .001224  | .0077718 |
| %RSD   | 39.12723 | 76.96117 | 24.21090 | 38.11307 | 20.11305 | 83.18256 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044952 | -.002580 | .0045037 | -.001611 | -.007288 | .0016755 |
| #2 | .0020655 | -.000198 | .0067129 | -.002925 | -.004841 | .0091387 |
| #3 | .0047163 | -.002274 | .0073649 | -.003670 | -.006133 | .0172151 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005901 | .0000377 | .0009337 | .2445485 | .0135690 | .0003730 |
| Stddev | .0004782 | .0000213 | .0002076 | .0996419 | .0037770 | .0000850 |
| %RSD   | 81.03437 | 56.46866 | 22.23303 | 40.74526 | 27.83544 | 22.79000 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002174 | .0000340 | .0007069 | .1591747 | .0098985 | .0004539 |
| #2 | .0004236 | .0000185 | .0009799 | .2204371 | .0133643 | .0002844 |
| #3 | .0011292 | .0000606 | .0011143 | .3540336 | .0174441 | .0003806 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.227057 | .0639565 | .0026436 | .0615075 | .0153795 | .0034391 |
| Stddev | .316043  | .0129503 | .0002794 | .0100609 | .0039946 | .0007494 |
| %RSD   | 25.75619 | 20.24858 | 10.56806 | 16.35713 | 25.97372 | 21.78926 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .897575  | .0508115 | .0024132 | .0602094 | .0111829 | .0025934 |
| #2 | 1.255914 | .0643552 | .0025632 | .0721544 | .0158198 | .0037034 |
| #3 | 1.527683 | .0767029 | .0029543 | .0521587 | .0191357 | .0040206 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.41409 | .0004198 | .0297144 | .0495619 | .0107480 | .0005565 |
| Stddev | 3.28464  | .0014824 | .0080605 | .0529276 | .0045204 | .0001410 |
| %RSD   | 31.54036 | 353.1478 | 27.12668 | 106.7910 | 42.05832 | 25.33965 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.45195  | -.000889 | .0218638 | .0116284 | .0067974 | .0005964 |
| #2 | 9.84378  | .000118  | .0293097 | .0270302 | .0097687 | .0003998 |
| #3 | 13.94654 | .002030  | .0379697 | .1100271 | .0156777 | .0006733 |



Sample Name: P2176-03DLX5      Acquired: 5/13/2024 18:25:58      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .2722863 | -.000020 | .4836524 | 3.072532 | F 10.35759 | -.000833 |
| Stddev | .0041341 | .000505  | .1716821 | .817487  | 2.79668    | .001119  |
| %RSD   | 1.518300 | 2540.005 | 35.49701 | 26.60630 | 27.00123   | 134.3182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2764130 | -.000506 | .3226285 | 2.215117 | 7.44799  | -.001805 |
| #2 | .2723010 | -.000055 | .4640233 | 3.159310 | 10.59910 | .000391  |
| #3 | .2681448 | .000501  | .6643054 | 3.843168 | 13.02567 | -.001086 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0008201 | z ***** |
| Stddev | .0003315 | -----   |
| %RSD   | 40.41812 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0004895 | z 2228.456 |
| #2 | .0008185 | z 2239.109 |
| #3 | .0011525 | z 2233.260 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3734.946 | 76740.91 | 10513.65 | 3138.490 | 4572.151 |
| Stddev    | 16.880   | 81.36    | 22.48    | 14.694   | 35.349   |
| %RSD      | .4519555 | .1060209 | .2137815 | .4682027 | .7731262 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3751.771 | 76827.37 | 10526.22 | 3139.273 | 4609.248 |
| #2 | 3735.056 | 76729.52 | 10487.70 | 3152.777 | 4568.347 |
| #3 | 3718.011 | 76665.85 | 10527.02 | 3123.419 | 4538.859 |

Sample Name: P2176-04DLX5      Acquired: 5/13/2024 18:30:25      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0014059 | -.001486 | .0289395 | -.000122 | -.005800 | .1133693 |
| Stddev | .0005538 | .000683  | .0011466 | .001595  | .001999  | .0030891 |
| %RSD   | 39.38998 | 45.99423 | 3.961876 | 1301.772 | 34.46621 | 2.724811 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0009753 | -.002046 | .0277335 | .000240  | -.005478 | .1102948 |
| #2 | .0012118 | -.000724 | .0300154 | -.001867 | -.007940 | .1164728 |
| #3 | .0020307 | -.001688 | .0290696 | .001259  | -.003981 | .1133401 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0122740 | .0000400 | .0040977 | 2.791220 | .0243143 | .0007995 |
| Stddev | .0007791 | .0000850 | .0000893 | .009288  | .0002140 | .0000874 |
| %RSD   | 6.347646 | 212.7539 | 2.178893 | .3327675 | .8803082 | 10.92747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0129162 | -.000008 | .0040661 | 2.796217 | .0244888 | .0008999 |
| #2 | .0114073 | -.000010 | .0040286 | 2.780503 | .0240755 | .0007406 |
| #3 | .0124987 | .000138  | .0041985 | 2.796940 | .0243786 | .0007581 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.101126 | .6482331 | .0186791 | .4795309 | .0427331 | .0062648 |
| Stddev | .002797  | .0050550 | .0001117 | .0155327 | .0000662 | .0003528 |
| %RSD   | .1331336 | .7798054 | .5978941 | 3.239147 | .1549908 | 5.631799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.097897 | .6424307 | .0187277 | .4784886 | .0427634 | .0059334 |
| #2 | 2.102815 | .6516834 | .0185514 | .4955584 | .0427787 | .0066357 |
| #3 | 2.102666 | .6505852 | .0187583 | .4645455 | .0426571 | .0062251 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 43.15986 | .0002298 | .3578100 | .5969153 | .0404150 | .0002849 |
| Stddev | .09937   | .0006499 | .0013955 | .0248359 | .0010718 | .0001095 |
| %RSD   | .2302451 | 282.8129 | .3900099 | 4.160713 | 2.651931 | 38.43150 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 43.19303 | .0009252 | .3568556 | .5740234 | .0414236 | .0002015 |
| #2 | 43.04814 | .0001263 | .3571628 | .6233210 | .0405317 | .0004088 |
| #3 | 43.23840 | -.000362 | .3594116 | .5934014 | .0392896 | .0002443 |

Sample Name: P2176-04DLX5      Acquired: 5/13/2024 18:30:25      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .2571288 | .0009571 | 2.172839 | 1.868749 | F 26.47180 | -.002369 |
| Stddev | .0005755 | .0002113 | .012231  | .003805  | .01734     | .000911  |
| %RSD   | .2238002 | 22.07916 | .5629263 | .2036215 | .0655218   | 38.43078 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2564944 | .0011842 | 2.160170 | 1.872707 | 26.45214 | -.003412 |
| #2 | .2572749 | .0009208 | 2.184580 | 1.865117 | 26.48495 | -.001968 |
| #3 | .2576171 | .0007663 | 2.173767 | 1.868423 | 26.47832 | -.001729 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0091980 | Z ***** |
| Stddev | .0000404 | -----   |
| %RSD   | .4387757 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0092373 | Z 2230.485 |
| #2 | .0092000 | Z 2253.497 |
| #3 | .0091567 | Z 2250.899 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3768.580 | 76438.40 | 10388.22 | 3138.967 | 4627.507 |
| Stddev    | .730     | 68.50    | 51.50    | 8.697    | 4.147    |
| %RSD      | .0193804 | .0896182 | .4957908 | .2770591 | .0896164 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3768.376 | 76483.97 | 10337.14 | 3136.186 | 4632.076 |
| #2 | 3767.974 | 76471.62 | 10440.14 | 3148.715 | 4623.980 |
| #3 | 3769.391 | 76359.63 | 10387.38 | 3132.002 | 4626.466 |

Sample Name: P2382-01DLX5      Acquired: 5/13/2024 18:34:48      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0043279 | -.001400 | .0040558 | -.000297 | -.005207 | .1356193 | .0104645 |
| Stddev | .0018655 | .000447  | .0004860 | .000971  | .001462  | .0088809 | .0001217 |
| %RSD   | 43.10471 | 31.94180 | 11.98167 | 326.8741 | 28.06781 | 6.548408 | 1.163280 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060913 | -.000953 | .0040556 | -.000572 | -.006361 | .1272230 | .0104841 |
| #2 | .0045176 | -.001400 | .0045419 | .000782  | -.003564 | .1449162 | .0105752 |
| #3 | .0023748 | -.001848 | .0035700 | -.001102 | -.005697 | .1347187 | .0103341 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000770 | -.000188 | 15.46953 | .0005730 | .0007271 | .0033741 | 3.007523 |
| Stddev | .0001313 | .000018  | .06579   | .0001705 | .0003077 | .0001738 | .024108  |
| %RSD   | 170.6194 | 9.718756 | .4252746 | 29.75032 | 42.32131 | 5.149732 | .8015779 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000802 | -.000170 | 15.39363 | .0005331 | .0003759 | .0032039 | 2.992672 |
| #2 | .0002067 | -.000206 | 15.51020 | .0004260 | .0008558 | .0033671 | 2.994558 |
| #3 | -.000056 | -.000188 | 15.50475 | .0007598 | .0009495 | .0035512 | 3.035339 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1851809 | 1.269831 | .0019860 | .0000966 | 8.556639 | .0002030 | .0773199 |
| Stddev | .0004294 | .008056  | .0002246 | .0002877 | .021114  | .0013733 | .0001565 |
| %RSD   | .2318901 | .6344280 | 11.30984 | 297.9836 | .2467575 | 676.3596 | .2023604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1847195 | 1.276249 | .0022129 | .0000793 | 8.533936 | -.000329 | .0774038 |
| #2 | .1852543 | 1.260790 | .0019813 | .0003925 | 8.560292 | -.000824 | .0774165 |
| #3 | .1855689 | 1.272453 | .0017637 | -.000182 | 8.575687 | .001763  | .0771393 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.755653 | .0036135 | .0007557 | .2242215 | .0049763 | 1.448781 | .5182874 |
| Stddev | .015798  | .0001147 | .0003262 | .0008788 | .0008030 | .016183  | .0024790 |
| %RSD   | .8998130 | 3.174176 | 43.17111 | .3919263 | 16.13686 | 1.117015 | .4783085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.738919 | .0037459 | .0010604 | .2243293 | .0040667 | 1.435611 | .5155741 |
| #2 | 1.770309 | .0035461 | .0004115 | .2250414 | .0055872 | 1.443886 | .5188540 |
| #3 | 1.757730 | .0035485 | .0007952 | .2232938 | .0052749 | 1.466847 | .5204341 |

Sample Name: P2382-01DLX5      Acquired: 5/13/2024 18:34:48      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .4821701 | .0013269 | .0568504 | z ***** |
| Stddev | .0034679 | .0017848 | .0000955 | -----   |
| %RSD   | .7192304 | 134.5043 | .1679961 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .4786519 | -.000076 | .0567418 | z 2313.834 |
| #2 | .4822731 | .000721  | .0569216 | z 2320.544 |
| #3 | .4855854 | .003336  | .0568877 | z 2309.533 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3855.365 | 78834.65 | 10517.80 | 3205.669 | 4810.947 |
| Stddev    | 1.034    | 70.35    | 48.44    | 4.526    | 2.244    |
| %RSD      | .0268179 | .0892409 | .4605267 | .1411742 | .0466446 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3854.514 | 78783.18 | 10493.38 | 3201.590 | 4813.531 |
| #2 | 3856.516 | 78805.95 | 10486.43 | 3204.879 | 4809.485 |
| #3 | 3855.067 | 78914.82 | 10573.59 | 3210.537 | 4809.825 |

Sample Name: P2382-02DLX5      Acquired: 5/13/2024 18:42:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0003884 | -.000714 | .0026858 | -.000116 | -.005561 | .0996352 | .0098025 |
| Stddev | .0038929 | .001122  | .0004175 | .002417  | .001488  | .0079558 | .0002753 |
| %RSD   | 1002.355 | 157.1326 | 15.54423 | 2087.677 | 26.75599 | 7.984889 | 2.808419 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000878 | .000361  | .0024960 | -.002893 | -.006422 | .0941512 | .0095366 |
| #2 | -.002714 | -.001879 | .0023969 | .001513  | -.003843 | .1087599 | .0100863 |
| #3 | .004757  | -.000625 | .0031645 | .001033  | -.006419 | .0959946 | .0097846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001231 | -.000118 | 14.59855 | .0007122 | .0005554 | .0029132 | 3.020420 |
| Stddev | .0000795 | .000095  | .13491   | .0000538 | .0000789 | .0001872 | .008484  |
| %RSD   | 64.60043 | 80.76904 | .9241350 | 7.554965 | 14.20879 | 6.424606 | .2808926 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001962 | -.000008 | 14.45110 | .0007686 | .0006401 | .0027148 | 3.010625 |
| #2 | .0001348 | -.000174 | 14.62874 | .0007068 | .0004839 | .0029384 | 3.025184 |
| #3 | .0000384 | -.000171 | 14.71581 | .0006614 | .0005424 | .0030865 | 3.025452 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0966598 | 1.112111 | .0015672 | -.000115 | 8.271247 | .0007377 | .0668323 |
| Stddev | .0008738 | .014501  | .0001111 | .000248  | .064267  | .0012117 | .0003760 |
| %RSD   | .9040173 | 1.303949 | 7.087434 | 214.8728 | .7769957 | 164.2512 | .5625422 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0959253 | 1.113881 | .0014449 | -.000400 | 8.207902 | .0018309 | .0669027 |
| #2 | .0964280 | 1.125646 | .0016618 | .000055  | 8.269441 | .0009476 | .0671682 |
| #3 | .0976262 | 1.096806 | .0015948 | -.000001 | 8.336398 | -.000565 | .0664262 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.636057 | .0029584 | .0008180 | .2277529 | .0038846 | 1.365803 | .5568766 |
| Stddev | .034625  | .0009667 | .0001577 | .0003711 | .0001226 | .016472  | .0025599 |
| %RSD   | 2.116341 | 32.67578 | 19.27938 | .1629388 | 3.155878 | 1.206043 | .4596891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.606098 | .0025419 | .0009114 | .2274083 | .0040198 | 1.350367 | .5544103 |
| #2 | 1.628108 | .0040636 | .0009068 | .2281458 | .0038531 | 1.363896 | .5566988 |
| #3 | 1.673965 | .0022698 | .0006359 | .2277047 | .0037808 | 1.383145 | .5595208 |

Sample Name: P2382-02DLX5      Acquired: 5/13/2024 18:42:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3573639 | .0014164 | .0546779 | z ***** |
| Stddev | .0039162 | .0004786 | .0002746 | -----   |
| %RSD   | 1.095867 | 33.78932 | .5022534 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3597307 | .0013623 | .0543700 | z 2316.160 |
| #2 | .3528435 | .0009672 | .0547661 | z 2329.686 |
| #3 | .3595174 | .0019198 | .0548976 | z 2334.813 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3807.999 | 77295.17 | 10307.45 | 3139.874 | 4737.277 |
| Stddev    | 1.216    | 35.72    | 25.29    | 11.286   | 2.437    |
| %RSD      | .0319424 | .0462099 | .2453289 | .3594398 | .0514528 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3809.084 | 77256.06 | 10328.95 | 3131.166 | 4739.319 |
| #2 | 3806.684 | 77303.39 | 10313.81 | 3135.832 | 4737.934 |
| #3 | 3808.231 | 77326.07 | 10279.59 | 3152.624 | 4734.579 |

Sample Name: CCV06      Acquired: 5/13/2024 18:46:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.931019 | 5.001662 | 4.873326 | 5.072148 | 5.026832 | 9.999316 | 9.960999 |
| Stddev | .005295  | .008247  | .005683  | .016087  | .004184  | .051226  | .050345  |
| %RSD   | .1073734 | .1648781 | .1166125 | .3171627 | .0832394 | .5122957 | .5054164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.926190 | 4.992734 | 4.868274 | 5.059500 | 5.022878 | 9.947002 | 9.966079 |
| #2 | 4.930188 | 5.003260 | 4.879479 | 5.066690 | 5.026405 | 10.00157 | 9.908306 |
| #3 | 4.936681 | 5.008993 | 4.872225 | 5.090254 | 5.031214 | 10.04938 | 10.00861 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2414633 | 2.414712 | 24.58139 | .9553090 | 2.439379 | 1.252534 | 4.949866 |
| Stddev | .0003909 | .003498  | .06757   | .0027405 | .004148  | .003333  | .013007  |
| %RSD   | .1618923 | .1448776 | .2748887 | .2868746 | .1700282 | .2660969 | .2627670 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2417592 | 2.411650 | 24.50699 | .9536321 | 2.435867 | 1.250134 | 4.934879 |
| #2 | .2410201 | 2.413960 | 24.59826 | .9538233 | 2.438316 | 1.251127 | 4.958211 |
| #3 | .2416106 | 2.418525 | 24.63893 | .9584716 | 2.443955 | 1.256339 | 4.956507 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.456525 | 23.24924 | 2.436957 | 1.232275 | 23.83261 | 2.405928 | 2.486544 |
| Stddev | .009955  | .13427   | .004547  | .001775  | .18607   | .011524  | .007478  |
| %RSD   | .4052275 | .5775176 | .1865926 | .1440569 | .7807578 | .4790003 | .3007573 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.446505 | 23.15437 | 2.432330 | 1.230872 | 23.61895 | 2.395197 | 2.493187 |
| #2 | 2.456657 | 23.19048 | 2.437119 | 1.231682 | 23.91979 | 2.404479 | 2.478445 |
| #3 | 2.466413 | 23.40287 | 2.441420 | 1.234271 | 23.95909 | 2.418109 | 2.488001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.54203 | 4.807575 | 5.083408 | 5.009039 | 4.964376 | 4.822939 | 4.617849 |
| Stddev | .11441   | .008191  | .018237  | .008957  | .012803  | .053157  | .009668  |
| %RSD   | .4661914 | .1703789 | .3587539 | .1788142 | .2578888 | 1.102161 | .2093649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.41086 | 4.812496 | 5.066073 | 4.999962 | 4.951979 | 4.761876 | 4.612265 |
| #2 | 24.59398 | 4.798119 | 5.081721 | 5.009284 | 4.963602 | 4.848073 | 4.629013 |
| #3 | 24.62126 | 4.812110 | 5.102430 | 5.017871 | 4.977549 | 4.858867 | 4.612270 |



Sample Name: CCV06      Acquired: 5/13/2024 18:46:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.670022 | 4.757120 | 4.993986 | z ***** |
| Stddev | .006075  | .019312  | .006570  | -----   |
| %RSD   | .1300856 | .4059685 | .1315620 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.663231 | 4.735995 | 4.997943 | z 2464.713 |
| #2 | 4.674940 | 4.761494 | 4.997612 | z 2498.650 |
| #3 | 4.671895 | 4.773869 | 4.986402 | z 2497.750 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3749.650 | 76337.99 | 10527.61 | 3094.795 | 4524.476 |
| Stddev    | 7.455    | 113.51   | 21.80    | 9.483    | 2.155    |
| %RSD      | .1988268 | .1486982 | .2070489 | .3064153 | .0476300 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3756.542 | 76461.04 | 10508.53 | 3084.666 | 4525.455 |
| #2 | 3750.672 | 76315.55 | 10551.37 | 3103.462 | 4525.967 |
| #3 | 3741.737 | 76237.37 | 10522.94 | 3096.257 | 4522.005 |

Sample Name: CCB06      Acquired: 5/13/2024 18:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019392 | .0041850 | .0003124 | .0006433 | -.005690 | .0017758 |
| Stddev | .0027928 | .0006282 | .0011738 | .0010300 | .000209  | .0013830 |
| %RSD   | 144.0171 | 15.01154 | 375.7635 | 160.1166 | 3.675380 | 77.87800 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0035168 | .0047851 | .0000661 | .0017649 | -.005924 | .0029172 |
| #2 | .0035862 | .0042379 | -.000719 | -.000260 | -.005521 | .0021723 |
| #3 | -.001285 | .0035319 | .001590  | .000425  | -.005625 | .0002379 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008067 | .0000177 | -.000024 | -.015812 | .0002507 | .0002886 |
| Stddev | .0003138 | .0000601 | .000113  | .006010  | .0002587 | .0003613 |
| %RSD   | 38.89063 | 339.1142 | 465.2358 | 38.00954 | 103.2102 | 125.1823 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011667 | .0000643 | -.000037 | -.013260 | .0004599 | .0001954 |
| #2 | .0005912 | -.000050 | .000095  | -.011500 | .0003307 | -.000017 |
| #3 | .0006624 | .000039  | -.000131 | -.022678 | -.000039 | .000687  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000063 | .0362540 | .0011994 | -.000006 | .0002687 | .0003929 |
| Stddev | .000075  | .0033379 | .0001534 | .021160  | .0002472 | .0001667 |
| %RSD   | 119.3099 | 9.207082 | 12.79030 | 341506.2 | 91.98778 | 42.42689 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000099 | .0331889 | .0012962 | -.003172 | .0004956 | .0002077 |
| #2 | .000023  | .0398103 | .0012795 | .022558  | .0003052 | .0004399 |
| #3 | -.000113 | .0357628 | .0010225 | -.019404 | .0000053 | .0005310 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.385835 | -.000554 | .0018308 | -.053703 | -.000548 | .0005614 |
| Stddev | .006572  | .000488  | .0000676 | .051655  | .000375  | .0002104 |
| %RSD   | 1.703274 | 88.20873 | 3.692075 | 96.18637 | 68.53086 | 37.46816 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.393375 | -.000066 | .0019071 | -.093375 | -.000592 | .0007162 |
| #2 | -.381320 | -.000552 | .0017782 | .004705  | -.000152 | .0006461 |
| #3 | -.382811 | -.001043 | .0018073 | -.072439 | -.000899 | .0003219 |

Sample Name: CCB06      Acquired: 5/13/2024 18:50:46      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .2876955</b> | <b>-.000009</b> | <b>-.002363</b> | <b>.0041776</b> | <b>.0065981</b> | <b>-.002173</b> |
| Stddev | .0016185          | .000305         | .007215         | .0019449        | .0013903        | .001844         |
| %RSD   | .5625691          | 3549.145        | 305.3193        | 46.55630        | 21.07171        | 84.85103        |
| #1     | .2883602          | -.000355        | -.006680        | .0063584        | .0067922        | -.003148        |
| #2     | .2858505          | .000222         | -.006376        | .0035518        | .0078812        | -.000046        |
| #3     | .2888759          | .000107         | .005966         | .0026226        | .0051209        | -.003326        |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>.0001020</b> | <b>z *****</b>    |
| Stddev | .0000180        | -----             |
| %RSD   | 17.63002        | -----             |
| #1     | .0000848        | <b>z 2246.302</b> |
| #2     | .0001207        | <b>z 2230.266</b> |
| #3     | .0001004        | <b>z 2241.120</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>3822.829</b> | <b>78377.81</b> | <b>10354.40</b> | <b>3197.832</b> | <b>4760.577</b> |
| Stddev    | 1.215           | 421.36          | 76.39           | 23.134          | 5.016           |
| %RSD      | .0317803        | .5376064        | .7377273        | .7234278        | .1053592        |
| #1        | 3821.477        | 78846.59        | 10435.97        | 3223.493        | 4764.717        |
| #2        | 3823.180        | 78030.58        | 10284.55        | 3178.572        | 4762.014        |
| #3        | 3823.830        | 78256.26        | 10342.70        | 3191.432        | 4754.999        |

Sample Name: P2423-08      Acquired: 5/13/2024 19:24:07      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0035027 | -.001209 | .0054739 | -.003762 | -.002630 | .2718200 | .1574565 |
| Stddev | .0022893 | .001466  | .0007328 | .001948  | .000663  | .0057875 | .0005425 |
| %RSD   | 65.35774 | 121.2229 | 13.38705 | 51.79520 | 25.19609 | 2.129182 | .3445628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008894 | .000254  | .0051004 | -.005313 | -.003130 | .2728007 | .1568301 |
| #2 | .0051543 | -.001204 | .0063182 | -.004397 | -.002881 | .2770545 | .1577757 |
| #3 | .0044645 | -.002678 | .0050031 | -.001575 | -.001878 | .2656047 | .1577638 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004603 | .0000753 | 7.316535 | .0016836 | .0005378 | .0098730 | .3952732 |
| Stddev | .0000623 | .0000585 | .028253  | .0001387 | .0001502 | .0003182 | .0053076 |
| %RSD   | 13.53586 | 77.69734 | .3861539 | 8.239083 | 27.93374 | 3.222495 | 1.342756 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005291 | .0001187 | 7.295633 | .0016460 | .0007082 | .0095194 | .3914806 |
| #2 | .0004440 | .0000986 | 7.305294 | .0015676 | .0004806 | .0099638 | .4013387 |
| #3 | .0004077 | .0000087 | 7.348679 | .0018373 | .0004246 | .0101360 | .3930003 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0870068 | 3.049394 | .0053688 | .0005325 | 345.1132 | .0001072 | .0637872 |
| Stddev | .0003962 | .012315  | .0001582 | .0002178 | 1.1267   | .0012084 | .0003323 |
| %RSD   | .4553714 | .4038454 | 2.947414 | 40.89634 | .3264703 | 1127.418 | .5209461 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0872557 | 3.036259 | .0052921 | .0006613 | 345.4816 | .0010075 | .0634139 |
| #2 | .0872147 | 3.060679 | .0055507 | .0006551 | 346.0096 | .0005803 | .0638969 |
| #3 | .0865499 | 3.051245 | .0052635 | .0002810 | 343.8484 | -.001266 | .0640508 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5773642 | .0121163 | .0008278 | -.002933 | .0049940 | .8100032 | .0578556 |
| Stddev | .0234015 | .0010312 | .0000807 | .000281  | .0005841 | .0155333 | .0022090 |
| %RSD   | 4.053161 | 8.511083 | 9.744997 | 9.571948 | 11.69654 | 1.917686 | 3.818088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5926439 | .0125964 | .0008843 | -.002823 | .0045755 | .8274315 | .0602852 |
| #2 | .5890253 | .0109326 | .0007354 | -.003252 | .0047451 | .7976183 | .0573133 |
| #3 | .5504234 | .0128200 | .0008636 | -.002723 | .0056613 | .8049599 | .0559683 |

Sample Name: P2423-08      Acquired: 5/13/2024 19:24:07      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .5530646 | -.004493 | .0343599 | z ***** |
| Stddev | .0033190 | .000920  | .0001304 | -----   |
| %RSD   | .6001081 | 20.48591 | .3796353 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .5560278 | -.004481 | .0342767 | z 2352.085 |
| #2 | .5494782 | -.005419 | .0342928 | z 2325.190 |
| #3 | .5536879 | -.003579 | .0345103 | z 2334.713 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3778.157 | 75882.94 | 10501.66 | 3100.450 | 4461.453 |
| Stddev    | 13.931   | 123.02   | 51.04    | 9.510    | 19.084   |
| %RSD      | .3687247 | .1621233 | .4859765 | .3067353 | .4277562 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3773.968 | 75834.23 | 10537.14 | 3105.421 | 4451.466 |
| #2 | 3793.702 | 76022.86 | 10524.68 | 3106.445 | 4483.458 |
| #3 | 3766.802 | 75791.72 | 10443.17 | 3089.484 | 4449.433 |

Sample Name: P2430-02      Acquired: 5/13/2024 19:28:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0096258 | -.002179 | .0110444 | -.005330 | -.000601 | 1.423147 | .3761969 |
| Stddev | .0024326 | .001788  | .0028767 | .001036  | .000254  | .015588  | .0046319 |
| %RSD   | 25.27149 | 82.05100 | 26.04694 | 19.44158 | 42.34470 | 1.095315 | 1.231238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076636 | -.000327 | .0078262 | -.004134 | -.000702 | 1.408664 | .3708747 |
| #2 | .0123475 | -.003895 | .0119408 | -.005935 | -.000311 | 1.439644 | .3783995 |
| #3 | .0088662 | -.002314 | .0133662 | -.005921 | -.000789 | 1.421133 | .3793164 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005505 | .0007896 | 309.5335 | .0001746 | .0156125 | .0014999 | .0445781 |
| Stddev | .0000313 | .0000225 | 3.0621   | .0000556 | .0003611 | .0003657 | .0039029 |
| %RSD   | 5.688543 | 2.846374 | .9892500 | 31.85813 | 2.312712 | 24.38129 | 8.755128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005865 | .0007641 | 306.0407 | .0002382 | .0159984 | .0016370 | .0466301 |
| #2 | .0005353 | .0007982 | 311.7557 | .0001348 | .0155563 | .0017771 | .0400773 |
| #3 | .0005297 | .0008065 | 310.8041 | .0001509 | .0152829 | .0010854 | .0470270 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.017568 | 5.149727 | .0168611 | .0003513 | 441.8135 | .0012398 | .2624952 |
| Stddev | .020905  | .049123  | .0002207 | .0004566 | 3.1417   | .0000923 | .0005785 |
| %RSD   | 1.036172 | .9538996 | 1.308758 | 129.9820 | .7110932 | 7.441666 | .2203848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.993432 | 5.093657 | .0166905 | .0005666 | 438.9465 | .0012384 | .2622699 |
| #2 | 2.029291 | 5.170332 | .0171104 | -.000173 | 441.3219 | .0013327 | .2631525 |
| #3 | 2.029982 | 5.185193 | .0167825 | .000660  | 445.1720 | .0011482 | .2620633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.807006 | .0423820 | .0030635 | -.007920 | -.006288 | 3.917881 | .0364360 |
| Stddev | .051400  | .0011667 | .0000920 | .001043  | .000663  | .005227  | .0021422 |
| %RSD   | 2.844472 | 2.752845 | 3.003603 | 13.16628 | 10.53897 | .1334095 | 5.879229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.836265 | .0411696 | .0031405 | -.007020 | -.005703 | 3.921941 | .0388418 |
| #2 | 1.747657 | .0434969 | .0029616 | -.007676 | -.006153 | 3.919719 | .0347352 |
| #3 | 1.837096 | .0424795 | .0030885 | -.009063 | -.007007 | 3.911984 | .0357311 |

Sample Name: P2430-02      Acquired: 5/13/2024 19:28:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.461361 | .0338330 | .4945843 | z ***** |
| Stddev | .004931  | .0006631 | .0058407 | -----   |
| %RSD   | .2003295 | 1.959969 | 1.180924 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.463656 | .0332279 | .4879193 | z 2841.608 |
| #2 | 2.455701 | .0345419 | .4970237 | z 2832.485 |
| #3 | 2.464726 | .0337290 | .4988097 | z 2819.561 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3489.779 | 73469.77 | 10051.42 | 2937.396 | 4075.276 |
| Stddev    | 14.272   | 21.48    | 86.23    | 9.292    | 4.733    |
| %RSD      | .4089737 | .0292310 | .8578598 | .3163350 | .1161384 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3502.789 | 73454.76 | 10150.98 | 2948.089 | 4079.221 |
| #2 | 3492.036 | 73494.37 | 10000.78 | 2932.810 | 4076.579 |
| #3 | 3474.513 | 73460.18 | 10002.50 | 2931.288 | 4070.028 |

Sample Name: P2430-04      Acquired: 5/13/2024 19:33:14      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0065501 | -.001306 | .0042483 | -.003726 | -.001527 | 2.523158 | .1370110 |
| Stddev | .0019760 | .001696  | .0005800 | .001792  | .001500  | .017962  | .0014792 |
| %RSD   | 30.16811 | 129.7997 | 13.65213 | 48.09299 | 98.20683 | .7118836 | 1.079604 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066343 | -.002968 | .0041484 | -.005778 | -.002213 | 2.543149 | .1385603 |
| #2 | .0045333 | -.001374 | .0048717 | -.002467 | -.002562 | 2.517950 | .1368589 |
| #3 | .0084827 | .000422  | .0037247 | -.002934 | .000193  | 2.508376 | .1356137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012199 | .0002005 | 235.0897 | .0007932 | .0024485 | .0008081 | .0289792 |
| Stddev | .0000747 | .0000379 | 1.9944   | .0002178 | .0001299 | .0002757 | .0023538 |
| %RSD   | 6.123055 | 18.89062 | .8483402 | 27.46345 | 5.305496 | 34.11957 | 8.122516 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012875 | .0002171 | 237.3477 | .0010298 | .0022995 | .0009526 | .0316662 |
| #2 | .0011397 | .0001572 | 234.3528 | .0007489 | .0025084 | .0004901 | .0272813 |
| #3 | .0012326 | .0002273 | 233.5687 | .0006009 | .0025378 | .0009815 | .0279901 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3124299 | 2.299585 | .0064255 | .0003176 | 368.0805 | .0021017 | .1605186 |
| Stddev | .0034668 | .006915  | .0001947 | .0005046 | 2.2293   | .0006356 | .0005588 |
| %RSD   | 1.109610 | .3006878 | 3.030746 | 158.8580 | .6056596 | 30.24181 | .3480939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3163927 | 2.295496 | .0062388 | .0002972 | 366.1142 | .0026927 | .1605970 |
| #2 | .3109392 | 2.295691 | .0066274 | .0008321 | 367.6249 | .0014293 | .1599248 |
| #3 | .3099579 | 2.307569 | .0064103 | -.000176 | 370.5024 | .0021831 | .1610340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.382937 | .0351956 | .0022762 | -.006291 | .0015229 | 2.317413 | .3689341 |
| Stddev | .034796  | .0006211 | .0001207 | .000839  | .0005266 | .019494  | .0057910 |
| %RSD   | 2.516108 | 1.764673 | 5.300622 | 13.32845 | 34.58036 | .8411914 | 1.569661 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.344195 | .0349156 | .0022025 | -.007178 | .0021305 | 2.327095 | .3648749 |
| #2 | 1.393083 | .0359074 | .0022106 | -.006183 | .0011971 | 2.330170 | .3755656 |
| #3 | 1.411532 | .0347638 | .0024154 | -.005512 | .0012411 | 2.294973 | .3663617 |



Sample Name: P2430-04      Acquired: 5/13/2024 19:33:14      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.083557 | .0317346 | .4360194 | z ***** |
| Stddev | .029547  | .0016007 | .0035140 | -----   |
| %RSD   | 1.418126 | 5.044057 | .8059330 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.086180 | .0306839 | .4398051 | z 2740.256 |
| #2 | 2.111705 | .0309430 | .4353916 | z 2737.585 |
| #3 | 2.052785 | .0335769 | .4328616 | z 2742.571 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3435.252 | 73663.96 | 10180.25 | 2927.170 | 4045.436 |
| Stddev    | 42.765   | 186.66   | 83.60    | 3.795    | 47.714   |
| %RSD      | 1.244884 | .2533899 | .8211710 | .1296568 | 1.179465 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3450.331 | 73878.76 | 10096.62 | 2928.770 | 4058.969 |
| #2 | 3386.990 | 73571.93 | 10180.30 | 2922.836 | 3992.417 |
| #3 | 3468.435 | 73541.19 | 10263.81 | 2929.902 | 4084.922 |

Sample Name: P2430-06      Acquired: 5/13/2024 19:37:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0035706 | -.000833 | .0020418 | -.005964 | -.003651 | .2112365 | .3922097 |
| Stddev | .0027086 | .001998  | .0007763 | .000508  | .001278  | .0087982 | .0036779 |
| %RSD   | 75.85899 | 239.9109 | 38.02160 | 8.524594 | 34.99536 | 4.165096 | .9377395 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060536 | -.002840 | .0023551 | -.006532 | -.002334 | .2122687 | .3882989 |
| #2 | .0039759 | .001156  | .0011578 | -.005551 | -.003733 | .2019677 | .3927311 |
| #3 | .0006821 | -.000815 | .0026125 | -.005810 | -.004885 | .2194731 | .3955991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002104 | .0009473 | 302.0627 | .0011169 | -.000302 | .0022611 | .0350829 |
| Stddev | .0000199 | .0001322 | 1.9724   | .0003214 | .000274  | .0001124 | .0036232 |
| %RSD   | 9.439394 | 13.95444 | .6529879 | 28.77593 | 90.99365 | 4.972920 | 10.32742 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002316 | .0010875 | 300.1127 | .0007464 | -.000601 | .0023029 | .0391191 |
| #2 | .0002075 | .0008250 | 302.0185 | .0012831 | -.000242 | .0021337 | .0321114 |
| #3 | .0001922 | .0009293 | 304.0568 | .0013212 | -.000062 | .0023466 | .0340182 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1743022 | 5.489941 | .0052246 | -.000221 | 425.6873 | .0004558 | .2702316 |
| Stddev | .0010225 | .027614  | .0002233 | .000239  | 3.7324   | .0019608 | .0008460 |
| %RSD   | .5866118 | .5029973 | 4.274101 | 108.4245 | .8767907 | 430.2267 | .3130824 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1732222 | 5.462908 | .0052327 | -.000008 | 423.3766 | .0026925 | .2697919 |
| #2 | .1744291 | 5.488815 | .0054438 | -.000480 | 423.6921 | -.000358 | .2712069 |
| #3 | .1752553 | 5.518102 | .0049974 | -.000175 | 429.9933 | -.000967 | .2696959 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.680696 | .0389673 | .0012119 | -.007877 | -.006763 | 6.597769 | .1011315 |
| Stddev | .008675  | .0004558 | .0000524 | .000429  | .000499  | .045799  | .0018743 |
| %RSD   | .5161360 | 1.169730 | 4.321852 | 5.451845 | 7.381121 | .6941594 | 1.853284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.671596 | .0391058 | .0011532 | -.008278 | -.006645 | 6.633474 | .1030268 |
| #2 | 1.688872 | .0384583 | .0012285 | -.007930 | -.006334 | 6.613702 | .0992790 |
| #3 | 1.681619 | .0393378 | .0012540 | -.007424 | -.007311 | 6.546132 | .1010887 |

Sample Name: P2430-06      Acquired: 5/13/2024 19:37:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 2.568200 | .0338717 | 1.089749 | z ***** |
| Stddev | .008610  | .0008642 | .009309  | -----   |
| %RSD   | .3352705 | 2.551399 | .8542292 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 2.559229 | .0345777 | 1.079944 | z 2799.502 |
| #2 | 2.568972 | .0329080 | 1.090836 | z 2796.607 |
| #3 | 2.576398 | .0341296 | 1.098467 | z 2808.367 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3475.516 | 72438.65 | 10025.09 | 2910.806 | 4072.688 |
| Stddev    | 9.642    | 63.65    | 54.38    | 6.602    | 8.369    |
| %RSD      | .2774343 | .0878682 | .5424225 | .2268195 | .2055005 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3485.646 | 72509.08 | 10077.96 | 2914.316 | 4082.346 |
| #2 | 3474.451 | 72385.25 | 10028.00 | 2903.190 | 4068.149 |
| #3 | 3466.450 | 72421.63 | 9969.32  | 2914.912 | 4067.569 |

Sample Name: P2437-03      Acquired: 5/13/2024 19:48:30      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>-.002099</b> | <b>-.000922</b> | <b>.0123880</b> | <b>-.003441</b> | <b>.0019837</b> | <b>.1730636</b> | <b>.2980313</b> |
| Stddev | .005066         | .000385         | .0006387        | .003087         | .0014534        | .0031429        | .0014410        |
| %RSD   | 241.2970        | 41.80786        | 5.156160        | 89.70551        | 73.26938        | 1.816023        | .4835036        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.006864</b> | <b>-.000574</b> | <b>.0130456</b> | <b>-.006971</b> | <b>.0031278</b> | <b>.1696432</b> | <b>.2972383</b> |
| #2 | <b>.003221</b>  | <b>-.000855</b> | <b>.0117700</b> | <b>-.002102</b> | <b>.0003483</b> | <b>.1737233</b> | <b>.2996946</b> |
| #3 | <b>-.002655</b> | <b>-.001336</b> | <b>.0123483</b> | <b>-.001250</b> | <b>.0024749</b> | <b>.1758243</b> | <b>.2971609</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001196</b> | <b>.0022571</b> | <b>5.940777</b> | <b>.0063501</b> | <b>.0012585</b> | <b>.0706782</b> | <b>2.526986</b> |
| Stddev | .0000723        | .0000518        | .007859         | .0001629        | .0001412        | .0000984        | .011346         |
| %RSD   | 60.46611        | 2.296061        | .1322921        | 2.564762        | 11.22403        | .1392488        | .4489791        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000648</b> | <b>.0021974</b> | <b>5.935907</b> | <b>.0063200</b> | <b>.0013246</b> | <b>.0706072</b> | <b>2.516845</b> |
| #2 | <b>.0002015</b> | <b>.0022909</b> | <b>5.949844</b> | <b>.0065259</b> | <b>.0013545</b> | <b>.0707906</b> | <b>2.539239</b> |
| #3 | <b>.0000924</b> | <b>.0022829</b> | <b>5.936580</b> | <b>.0062044</b> | <b>.0010963</b> | <b>.0706368</b> | <b>2.524873</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1333413</b> | <b>.5340504</b> | <b>.0199222</b> | <b>.0003907</b> | <b>308.3371</b> | <b>.0002323</b> | <b>2.542407</b> |
| Stddev | .0002848        | .0215971        | .0001238        | .0006293        | 3.2446          | .0005619        | .006371         |
| %RSD   | .2135685        | 4.044026        | .6215117        | 161.0592        | 1.052294        | 241.9014        | .2505785        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1334790</b> | <b>.5487257</b> | <b>.0198579</b> | <b>.0001027</b> | <b>304.6047</b> | <b>.0000070</b> | <b>2.536488</b> |
| #2 | <b>.1330138</b> | <b>.5441744</b> | <b>.0198438</b> | <b>-.000043</b> | <b>309.9207</b> | <b>-.000182</b> | <b>2.549149</b> |
| #3 | <b>.1335310</b> | <b>.5092510</b> | <b>.0200650</b> | <b>.001113</b>  | <b>310.4857</b> | <b>.000872</b>  | <b>2.541585</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8181082</b> | <b>.0499978</b> | <b>.0175288</b> | <b>-.001971</b> | <b>.0000731</b> | <b>.3508698</b> | <b>.0694934</b> |
| Stddev | .0063420        | .0005613        | .0000976        | .000304         | .0001445        | .0076458        | .0030320        |
| %RSD   | .7752054        | 1.122645        | .5566526        | 15.40557        | 197.6979        | 2.179097        | 4.363008        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8110914</b> | <b>.0499964</b> | <b>.0174161</b> | <b>-.001885</b> | <b>.0002371</b> | <b>.3552096</b> | <b>.0661030</b> |
| #2 | <b>.8234317</b> | <b>.0494372</b> | <b>.0175856</b> | <b>-.001720</b> | <b>-.000035</b> | <b>.3420416</b> | <b>.0704321</b> |
| #3 | <b>.8198015</b> | <b>.0505598</b> | <b>.0175846</b> | <b>-.002309</b> | <b>.000017</b>  | <b>.3553582</b> | <b>.0719449</b> |

Sample Name: P2437-03      Acquired: 5/13/2024 19:48:30      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 1.062246 | .0462407 | .0276174 | z ***** |
| Stddev | .000920  | .0016794 | .0000724 | -----   |
| %RSD   | .0866239 | 3.631817 | .2622215 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 1.062993 | .0456469 | .0275339 | z 2262.969 |
| #2 | 1.061218 | .0449389 | .0276550 | z 2279.383 |
| #3 | 1.062526 | .0481363 | .0276633 | z 2247.851 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3721.960 | 78397.61 | 10750.81 | 3176.295 | 4431.166 |
| Stddev    | 16.108   | 164.27   | 24.61    | 14.624   | 13.478   |
| %RSD      | .4327792 | .2095348 | .2288979 | .4603975 | .3041704 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3735.395 | 78569.12 | 10748.01 | 3190.836 | 4440.278 |
| #2 | 3726.382 | 78382.01 | 10727.72 | 3176.458 | 4437.538 |
| #3 | 3704.103 | 78241.70 | 10776.70 | 3161.590 | 4415.684 |

Sample Name: P2437-04      Acquired: 5/13/2024 19:53:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0029860 | -.001508 | .0095898 | -.002092 | -.002683 | .0169507 | .2411214 |
| Stddev | .0019538 | .002002  | .0006642 | .001656  | .000414  | .0113520 | .0012243 |
| %RSD   | 65.43395 | 132.7814 | 6.926111 | 79.15446 | 15.41340 | 66.97086 | .5077458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021367 | -.002856 | .0093427 | -.001571 | -.002560 | .0223631 | .2408105 |
| #2 | .0052207 | -.002460 | .0090846 | -.003945 | -.002345 | .0245837 | .2400826 |
| #3 | .0016004 | .000793  | .0103422 | -.000759 | -.003145 | .0039054 | .2424712 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001013 | -.000163 | .4954383 | .0026566 | .0001197 | .0052991 | 3.427511 |
| Stddev | .0000175 | .000025  | .0064783 | .0000695 | .0001228 | .0001464 | .016872  |
| %RSD   | 17.29660 | 15.09576 | 1.307594 | 2.617656 | 102.6377 | 2.763038 | .4922378 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000992 | -.000170 | .4911425 | .0026402 | .0002577 | .0054668 | 3.446831 |
| #2 | .0001198 | -.000182 | .4922826 | .0027329 | .0000223 | .0052338 | 3.415683 |
| #3 | .0000849 | -.000135 | .5028898 | .0025968 | .0000790 | .0051967 | 3.420020 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0193885 | .0628363 | .0025624 | .0004675 | 365.4824 | -.001256 | .3826665 |
| Stddev | .0000860 | .0129645 | .0001267 | .0000901 | 3.1142   | .001449  | .0009279 |
| %RSD   | .4437308 | 20.63223 | 4.943444 | 19.26384 | .8520848 | 115.4037 | .2424776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0194650 | .0765433 | .0026262 | .0003699 | 364.5409 | .000398  | .3816416 |
| #2 | .0192954 | .0507706 | .0026445 | .0005473 | 362.9476 | -.001864 | .3834493 |
| #3 | .0194051 | .0611951 | .0024165 | .0004854 | 368.9588 | -.002302 | .3829088 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3482488 | .0474076 | .0028946 | -.001840 | .0004275 | .0918433 | .0446242 |
| Stddev | .0245105 | .0005426 | .0003060 | .000409  | .0004377 | .0040183 | .0008126 |
| %RSD   | 7.038209 | 1.144630 | 10.57076 | 22.24343 | 102.3705 | 4.375215 | 1.821048 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3400288 | .0468142 | .0030608 | -.001869 | -.000063 | .0896071 | .0453461 |
| #2 | .3758128 | .0475300 | .0030816 | -.001417 | .000779  | .0964822 | .0447822 |
| #3 | .3289049 | .0478785 | .0025415 | -.002234 | .000567  | .0894404 | .0437441 |

Sample Name: P2437-04      Acquired: 5/13/2024 19:53:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .8112798 | -.004266 | .0017036 | z ***** |
| Stddev | .0018537 | .001513  | .0000274 | -----   |
| %RSD   | .2284852 | 35.45837 | 1.607205 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .8094250 | -.004007 | .0016720 | z 2230.574 |
| #2 | .8112821 | -.005892 | .0017185 | z 2221.635 |
| #3 | .8131323 | -.002900 | .0017203 | z 2220.632 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3660.572 | 75480.99 | 10426.58 | 3063.512 | 4363.180 |
| Stddev    | 11.601   | 160.98   | 42.60    | 7.080    | 13.545   |
| %RSD      | .3169091 | .2132780 | .4085458 | .2311003 | .3104340 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3669.871 | 75518.38 | 10470.60 | 3071.503 | 4373.572 |
| #2 | 3664.273 | 75619.99 | 10423.59 | 3058.021 | 4368.107 |
| #3 | 3647.573 | 75304.60 | 10385.56 | 3061.012 | 4347.861 |

Sample Name: P2437-05      Acquired: 5/13/2024 19:57:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>-.000494</b> | <b>.0014033</b> | <b>.0780549</b> | <b>-.001660</b> | <b>.0001393</b> | <b>.0687995</b> | <b>.0186837</b> |
| Stddev | .003017         | .0008054        | .0019909        | .001284         | .0014556        | .0026066        | .0012843        |
| %RSD   | 611.0909        | 57.39357        | 2.550630        | 77.33914        | 1044.730        | 3.788737        | 6.874019        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002016  | .0009632 | .0779897 | -.000929 | .0013126 | .0662638 | .0173591 |
| #2 | -.003841 | .0023328 | .0760974 | -.003142 | -.001490 | .0686629 | .0187683 |
| #3 | .000344  | .0009137 | .0800776 | -.000909 | .000595  | .0714717 | .0199236 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2265          | Ca3736          | Cr2677          | Co2286          | Cu2247          | Fe2404          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0001317</b> | <b>.0013116</b> | <b>2.541622</b> | <b>.0049549</b> | <b>.0006581</b> | <b>.0112254</b> | <b>.9828852</b> |
| Stddev | .0000526        | .0000364        | .219981         | .0000078        | .0001376        | .0002512        | .0140250        |
| %RSD   | 39.92467        | 2.776813        | 8.655141        | .1582864        | 20.90740        | 2.238010        | 1.426920        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001741 | .0013251 | 2.298225 | .0049465 | .0005393 | .0110653 | .9969897 |
| #2 | .0000729 | .0012703 | 2.600392 | .0049561 | .0006261 | .0115149 | .9827247 |
| #3 | .0001482 | .0013393 | 2.726249 | .0049620 | .0008088 | .0110958 | .9689411 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na5895          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0878637</b> | <b>.1651306</b> | <b>.0062961</b> | <b>.0001719</b> | <b>.0394592</b> | <b>-.001662</b> | <b>1.801034</b> |
| Stddev | .0062645        | .0163984        | .0002336        | .0003819        | .0255908        | .002558         | .034187         |
| %RSD   | 7.129800        | 9.930565        | 3.709675        | 222.2304        | 64.85377        | 153.9681        | 1.898201        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0812649 | .1498524 | .0061977 | .0004743 | .0099417 | .000370  | 1.838649 |
| #2 | .0885968 | .1630825 | .0065628 | .0002985 | .0554115 | -.000821 | 1.792601 |
| #3 | .0937294 | .1824568 | .0061279 | -.000257 | .0530244 | -.004535 | 1.771854 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7664          | B_2496          | Mo2020          | Sn1899          | Ti3361          | Si2881          | P_1774          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2967457</b> | <b>-.006986</b> | <b>.0005261</b> | <b>-.002785</b> | <b>-.000775</b> | <b>.0254150</b> | <b>1.862403</b> |
| Stddev | .0394957        | .000676         | .0001473        | .000143         | .000305         | .0081917        | .007142         |
| %RSD   | 13.30960        | 9.677838        | 27.99828        | 5.147992        | 39.31134        | 32.23186        | .3834783        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2546471 | -.007095 | .0003702 | -.002901 | -.000953 | .0249072 | 1.866875 |
| #2 | .3026067 | -.006261 | .0006629 | -.002829 | -.000423 | .0338488 | 1.866168 |
| #3 | .3329834 | -.007600 | .0005454 | -.002625 | -.000948 | .0174890 | 1.854167 |



Sample Name: P2437-05      Acquired: 5/13/2024 19:57:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.683677 | -.005916 | .0338885 | z ***** |
| Stddev | .015190  | .001056  | .0028381 | -----   |
| %RSD   | .3243134 | 17.85283 | 8.374980 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.694867 | -.004767 | .0308005 | z 2233.233 |
| #2 | 4.689780 | -.006845 | .0344820 | z 2232.915 |
| #3 | 4.666385 | -.006137 | .0363829 | z 2202.288 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4012.362 | 83014.89 | 11283.40 | 3376.981 | 5143.121 |
| Stddev    | 10.105   | 41.08    | 19.05    | 9.291    | 11.565   |
| %RSD      | .2518365 | .0494895 | .1688652 | .2751206 | .2248625 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4018.810 | 82974.32 | 11281.03 | 3385.444 | 5141.463 |
| #2 | 4000.717 | 83056.46 | 11303.53 | 3378.459 | 5132.475 |
| #3 | 4017.559 | 83013.89 | 11265.64 | 3367.040 | 5155.426 |

Sample Name: PB160833TB      Acquired: 5/13/2024 20:02:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0019720 | -.001796 | -.000150 | -.000770 | -.005280 | .0014989 | -.000230 |
| Stddev | .0011653 | .001042  | .000764  | .003040  | .001441  | .0134516 | .000400  |
| %RSD   | 59.09060 | 58.02592 | 510.7294 | 394.8846 | 27.28804 | 897.4596 | 173.7085 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007885 | -.000779 | .000578  | -.001265 | -.006848 | -.013016 | -.000657 |
| #2 | .0020094 | -.002862 | -.000946 | .002488  | -.004015 | .003967  | .000136  |
| #3 | .0031182 | -.001746 | -.000081 | -.003532 | -.004976 | .013546  | -.000169 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000532 | -.000006 | -.019978 | .0001278 | .0002563 | -.000148 | .0450552 |
| Stddev | .0000544 | .000052  | .008394  | .0000477 | .0000422 | .000103  | .0051015 |
| %RSD   | 102.2724 | 855.8556 | 42.01720 | 37.35318 | 16.46867 | 69.83260 | 11.32284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000939 | -.000066 | -.015977 | .0000733 | .0002731 | -.000082 | .0483708 |
| #2 | .0000742 | .000018  | -.029624 | .0001621 | .0002082 | -.000094 | .0476141 |
| #3 | -.000009 | .000030  | -.014333 | .0001479 | .0002874 | -.000266 | .0391807 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011175 | .0063403 | -.000060 | .0001472 | .1828430 | -.000862 | .0018333 |
| Stddev | .0001114 | .0070737 | .000100  | .0004808 | .0645557 | .000649  | .0005656 |
| %RSD   | 9.967817 | 111.5684 | 166.0845 | 326.7266 | 35.30661 | 75.24449 | 30.85084 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011100 | .0132946 | .000036  | .0001196 | .2031436 | -.000145 | .0018656 |
| #2 | .0010102 | .0065732 | -.000054 | -.000319 | .2348084 | -.001407 | .0023821 |
| #3 | .0012326 | -.000847 | -.000163 | .000641  | .1105771 | -.001034 | .0012523 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011623 | -.008493 | -.000129 | .2751835 | -.000775 | -.003188 | .0039726 |
| Stddev | .006489  | .000437  | .000083  | .0194132 | .000322  | .010175  | .0018810 |
| %RSD   | 55.83275 | 5.142688 | 64.32541 | 7.054631 | 41.52576 | 319.1914 | 47.34853 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004594 | -.008412 | -.000140 | .2528355 | -.000910 | -.009543 | .0018670 |
| #2 | -.017387 | -.008102 | -.000041 | .2878737 | -.000407 | .008547  | .0045641 |
| #3 | -.012887 | -.008964 | -.000205 | .2848411 | -.001006 | -.008567 | .0054867 |

Sample Name: PB160833TB      Acquired: 5/13/2024 20:02:02      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0085839 | .0071186 | -.000131 | z ***** |
| Stddev | .0012293 | .0005518 | .000046  | -----   |
| %RSD   | 14.32063 | 7.751523 | 35.30678 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0071711 | .0068220 | -.000103 | z 2220.260 |
| #2 | .0091714 | .0067785 | -.000105 | z 2223.658 |
| #3 | .0094091 | .0077553 | -.000184 | z 2214.293 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3895.313 | 80235.12 | 10282.33 | 3243.681 | 4881.660 |
| Stddev    | 177.101  | 5179.08  | 112.76   | 206.023  | 249.837  |
| %RSD      | 4.546526 | 6.454878 | 1.096675 | 6.351505 | 5.117874 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4099.372 | 77300.11 | 10152.21 | 3124.815 | 5169.499 |
| #2 | 3781.682 | 77190.18 | 10343.36 | 3124.653 | 4721.002 |
| #3 | 3804.883 | 86215.07 | 10351.43 | 3481.575 | 4754.479 |

Sample Name: PB160833BL      Acquired: 5/13/2024 20:06:29      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0016858 | -.000230 | .0018613 | -.001376 | -.005073 | -.004201 | .0002567 |
| Stddev | .0017363 | .000929  | .0001487 | .002158  | .000554  | .004338  | .0003092 |
| %RSD   | 102.9975 | 403.7018 | 7.991347 | 156.8294 | 10.91767 | 103.2696 | 120.4644 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000251 | -.001092 | .0020206 | -.003845 | -.004435 | -.008825 | .0005717 |
| #2 | .003103  | .000754  | .0018372 | .000151  | -.005348 | -.000222 | .0002449 |
| #3 | .002205  | -.000352 | .0017261 | -.000435 | -.005435 | -.003555 | -.000046 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000045 | -.000093 | -.016116 | .0001384 | .0000524 | -.000083 | .0401895 |
| Stddev | .000048  | .000014  | .006834  | .0002163 | .0001131 | .000205  | .0070451 |
| %RSD   | 107.0868 | 14.81931 | 42.40330 | 156.2855 | 215.6359 | 245.4164 | 17.52976 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000096 | -.000084 | -.021627 | .0002716 | .0000231 | -.000129 | .0420980 |
| #2 | -.000000 | -.000109 | -.008470 | -.000111 | .0001772 | -.000261 | .0460837 |
| #3 | -.000039 | -.000087 | -.018251 | .000255  | -.000043 | .000140  | .0323867 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011946 | .0022265 | -.000051 | .0004743 | -.138742 | -.000797 | .0019017 |
| Stddev | .0002016 | .0143519 | .000198  | .0001367 | .001931  | .001490  | .0002545 |
| %RSD   | 16.87670 | 644.5941 | 385.2407 | 28.81373 | 1.391705 | 186.8671 | 13.38211 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012833 | -.011281 | .000176  | .0006052 | -.137358 | .000112  | .0021678 |
| #2 | .0013366 | .000666  | -.000142 | .0003325 | -.140948 | .000013  | .0018764 |
| #3 | .0009638 | .017295  | -.000188 | .0004853 | -.137921 | -.002517 | .0016607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.017446 | -.008014 | -.000025 | .2903747 | -.000358 | .0170819 | .0044824 |
| Stddev | .034107  | .000230  | .000215  | .0010152 | .000284  | .0051571 | .0023565 |
| %RSD   | 195.5013 | 2.865383 | 852.1998 | .3496209 | 79.44163 | 30.19019 | 52.57136 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .021403  | -.008128 | -.000098 | .2904770 | -.000372 | .0120074 | .0020543 |
| #2 | -.042471 | -.008164 | -.000194 | .2913348 | -.000066 | .0223178 | .0067600 |
| #3 | -.031269 | -.007749 | .000217  | .2893122 | -.000634 | .0169205 | .0046328 |

Sample Name: PB160833BL      Acquired: 5/13/2024 20:06:29      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0069625 | .0028341 | -.000129 | z ***** |
| Stddev | .0008667 | .0009238 | .000034  | -----   |
| %RSD   | 12.44813 | 32.59460 | 26.44515 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0070780 | .0017674 | -.000151 | z 2238.557 |
| #2 | .0060439 | .0033636 | -.000145 | z 2243.303 |
| #3 | .0077657 | .0033712 | -.000089 | z 2259.725 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3782.706 | 75919.24 | 10104.56 | 3110.564 | 4716.573 |
| Stddev    | 3.455    | 1331.74  | 249.34   | 55.747   | 10.632   |
| %RSD      | .0913290 | 1.754149 | 2.467615 | 1.792174 | .2254169 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3782.220 | 74381.53 | 9864.18  | 3047.116 | 4704.356 |
| #2 | 3779.520 | 76678.48 | 10087.51 | 3132.884 | 4721.636 |
| #3 | 3786.378 | 76697.72 | 10361.99 | 3151.692 | 4723.728 |

Sample Name: CCV07      Acquired: 5/13/2024 20:15:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.104438 | 5.210078 | 5.066267 | 5.233220 | 5.192028 | 10.36692 | 10.44179 |
| Stddev | .009482  | .004680  | .005613  | .006552  | .001083  | .02844   | .02701   |
| %RSD   | .1857599 | .0898274 | .1107901 | .1252039 | .0208624 | .2742883 | .2587083 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.093489 | 5.211001 | 5.059802 | 5.228551 | 5.191749 | 10.33910 | 10.45941 |
| #2 | 5.109969 | 5.214228 | 5.069109 | 5.240710 | 5.191111 | 10.36573 | 10.45526 |
| #3 | 5.109855 | 5.205006 | 5.069891 | 5.230398 | 5.193223 | 10.39593 | 10.41069 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2554487 | 2.516238 | 25.52991 | .9903896 | 2.539286 | 1.297480 | 5.024363 |
| Stddev | .0011577 | .002441  | .10340   | .0010415 | .002283  | .000353  | .015623  |
| %RSD   | .4532143 | .0970226 | .4050323 | .1051566 | .0899063 | .0272259 | .3109496 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2542292 | 2.513882 | 25.41069 | .9892599 | 2.538927 | 1.297397 | 5.007398 |
| #2 | .2565328 | 2.516076 | 25.59521 | .9913114 | 2.537204 | 1.297175 | 5.027535 |
| #3 | .2555841 | 2.518756 | 25.58382 | .9905974 | 2.541727 | 1.297867 | 5.038157 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.548992 | 24.11838 | 2.537420 | 1.270851 | 24.27743 | 2.506511 | 2.559165 |
| Stddev | .009512  | .14778   | .004606  | .002484  | .04033   | .015747  | .005976  |
| %RSD   | .3731534 | .6127379 | .1815130 | .1954432 | .1661108 | .6282601 | .2335145 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.538541 | 23.95343 | 2.532993 | 1.268000 | 24.25766 | 2.488559 | 2.564587 |
| #2 | 2.557142 | 24.23872 | 2.537081 | 1.272548 | 24.32382 | 2.517993 | 2.560151 |
| #3 | 2.551294 | 24.16298 | 2.542186 | 1.272004 | 24.25080 | 2.512982 | 2.552757 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.96910 | 5.092498 | 5.248284 | 5.213215 | 5.174898 | 4.930164 | 4.874347 |
| Stddev | .06660   | .012449  | .004844  | .010355  | .009891  | .057174  | .013045  |
| %RSD   | .2667136 | .2444657 | .0923008 | .1986342 | .1911428 | 1.159671 | .2676314 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.01118 | 5.081493 | 5.246724 | 5.204377 | 5.163879 | 4.866343 | 4.859360 |
| #2 | 24.89232 | 5.106010 | 5.244412 | 5.210660 | 5.177803 | 4.947450 | 4.880534 |
| #3 | 25.00379 | 5.089991 | 5.253716 | 5.224609 | 5.183012 | 4.976701 | 4.883148 |

Sample Name: CCV07      Acquired: 5/13/2024 20:15:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.881895 | 4.967017 | 5.171781 | z ***** |
| Stddev | .016575  | .028179  | .025671  | -----   |
| %RSD   | .3395246 | .5673268 | .4963688 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.863035 | 4.948100 | 5.142166 | z 2524.920 |
| #2 | 4.888505 | 4.999404 | 5.185491 | z 2520.505 |
| #3 | 4.894146 | 4.953548 | 5.187687 | z 2544.891 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3634.861 | 74215.12 | 9954.265 | 3011.175 | 4360.360 |
| Stddev    | 4.064    | 96.42    | 24.694   | 6.733    | 2.781    |
| %RSD      | .1118032 | .1299232 | .2480751 | .2236135 | .0637878 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3630.414 | 74105.66 | 9966.003 | 3005.932 | 4357.222 |
| #2 | 3635.785 | 74252.21 | 9925.892 | 3008.825 | 4362.523 |
| #3 | 3638.383 | 74287.50 | 9970.901 | 3018.769 | 4361.335 |

Sample Name: CCB07      Acquired: 5/13/2024 20:19:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006050 | .0023635 | -.000053 | -.000352 | -.001722 | -.001338 |
| Stddev | .0023027 | .0006598 | .000813  | .001403  | .000293  | .008330  |
| %RSD   | 380.6159 | 27.91707 | 1531.657 | 398.2243 | 17.01875 | 622.6880 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001984 | .0017666 | .000240  | -.001303 | -.001413 | .006242  |
| #2 | .001375  | .0030721 | -.000972 | -.001013 | -.001996 | -.010257 |
| #3 | .002424  | .0022520 | .000573  | .001259  | -.001756 | .000001  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004539 | -.000014 | .0000308 | -.011054 | .0002032 | .0003278 |
| Stddev | .0000701 | .000078  | .0001074 | .005795  | .0002084 | .0002171 |
| %RSD   | 15.44093 | 542.3887 | 349.1149 | 52.42240 | 102.5559 | 66.21386 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003836 | .000035  | .0001019 | -.015086 | .0002209 | .0005785 |
| #2 | .0004544 | -.000105 | .0000832 | -.013663 | .0004022 | .0002056 |
| #3 | .0005238 | .000026  | -.000093 | -.004413 | -.000013 | .0001995 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000756 | .0186045 | .0004932 | .0063559 | -.000089 | .0003287 |
| Stddev | .0001199 | .0006763 | .0001685 | .0084815 | .000092  | .0002922 |
| %RSD   | 158.5995 | 3.634995 | 34.17315 | 133.4424 | 103.7446 | 88.88783 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | .0189688 | .0006216 | -.003246 | -.000184 | .0005923 |
| #2 | .000211  | .0178242 | .0003024 | .009486  | -.000083 | .0000145 |
| #3 | .000032  | .0190205 | .0005556 | .012828  | .000000  | .0003795 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.323128 | -.000884 | .0011076 | -.036161 | -.000215 | .0006196 |
| Stddev | .016956  | .000306  | .0004266 | .026490  | .000690  | .0001310 |
| %RSD   | 5.247448 | 34.56594 | 38.51749 | 73.25527 | 321.4743 | 21.14709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.338486 | -.000701 | .0013361 | -.047532 | .000529  | .0007615 |
| #2 | -.325965 | -.000714 | .0006154 | -.055068 | -.000834 | .0005941 |
| #3 | -.304932 | -.001237 | .0013713 | -.005884 | -.000339 | .0005032 |



Sample Name: CCB07      Acquired: 5/13/2024 20:19:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .1131331</b> | <b>-.000119</b> | <b>.0121468</b> | <b>.0034570</b> | <b>.0046380</b> | <b>-.001642</b> |
| Stddev | .0011973          | .000260         | .0110444        | .0013980        | .0038407        | .002319         |
| %RSD   | 1.058312          | 218.6683        | 90.92497        | 40.43866        | 82.80878        | 141.2687        |
| #1     | .1144733          | -.000308        | .0136221        | .0043263        | .0046276        | .000966         |
| #2     | .1121690          | -.000225        | .0223794        | .0042004        | .0008025        | -.003471        |
| #3     | .1127571          | .000177         | .0004388        | .0018444        | .0084839        | -.002420        |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>.0002368</b> | <b>z *****</b>    |
| Stddev | .0000488        | -----             |
| %RSD   | 20.62860        | -----             |
| #1     | .0002366        | <b>z 2250.650</b> |
| #2     | .0002857        | <b>z 2246.803</b> |
| #3     | .0001880        | <b>z 2254.047</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>3753.963</b> | <b>76017.58</b> | <b>9852.889</b> | <b>3125.753</b> | <b>4679.685</b> |
| Stddev    | 4.208           | 68.55           | 61.288          | 5.100           | 4.516           |
| %RSD      | .1120842        | .0901707        | .6220329        | .1631480        | .0965105        |
| #1        | 3749.791        | 75939.54        | 9785.447        | 3120.268        | 4675.608        |
| #2        | 3758.205        | 76045.18        | 9868.040        | 3126.640        | 4684.540        |
| #3        | 3753.892        | 76068.03        | 9905.181        | 3130.351        | 4678.906        |

Sample Name: LR1      Acquired: 5/13/2024 20:53:43      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0403772 | -.091202 | -.028200 | -.089581 | .0021524 | F 2292.942 |
| Stddev | .0132685 | .001976  | .012031  | .007778  | .0082299 | 10.026     |
| %RSD   | 32.86130 | 2.166803 | 42.66391 | 8.682576 | 382.3627 | .4372525   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0534206 | -.089580 | -.031861 | -.091772 | -.003576 | 2291.778 |
| #2 | .0408164 | -.090623 | -.014764 | -.080942 | .011583  | 2303.499 |
| #3 | .0268946 | -.093403 | -.037976 | -.096028 | -.001550 | 2283.549 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0185842 | .0181379 | .0476091 | 1800.401 | .0541216 | .0583800 |
| Stddev | .0005605 | .0000947 | .0005680 | 8.647    | .0002193 | .0007789 |
| %RSD   | 3.016187 | .5220986 | 1.193051 | .4803029 | .4051813 | 1.334267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0189757 | .0180304 | .0475387 | 1790.472 | .0543342 | .0590435 |
| #2 | .0188348 | .0181747 | .0482091 | 1806.283 | .0541344 | .0585741 |
| #3 | .0179421 | .0182087 | .0470796 | 1804.447 | .0538961 | .0575223 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0325877 | F 1005.184 | -.013249 | 1958.525 | .0755727 | -.037331 |
| Stddev | .0031691 | 2.003      | .000096  | 11.854   | .0018076 | .000530  |
| %RSD   | 9.724685 | .1992949   | .7230630 | .6052269 | 2.391877 | 1.419402 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0330132 | 1007.426 | -.013323 | 1955.851 | .0764165 | -.036903 |
| #2 | .0292274 | 1004.556 | -.013282 | 1971.487 | .0734975 | -.037923 |
| #3 | .0355226 | 1003.570 | -.013141 | 1948.236 | .0768041 | -.037166 |

|        |            |          |          |            |         |          |
|--------|------------|----------|----------|------------|---------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664     | B_2496  | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm        | ppm     | ppm      |
| Avg    | F 2155.366 | .0298947 | -.115416 | F 1698.159 | ^ ***** | .0011455 |
| Stddev | 17.286     | .0017170 | .000890  | 6.146      | ----    | .0002821 |
| %RSD   | .8019976   | 5.743532 | .7708009 | .3618975   | ----    | 24.62854 |

|    |          |          |          |          |        |          |
|----|----------|----------|----------|----------|--------|----------|
| #1 | 2175.104 | .0306193 | -.115484 | 1699.837 | ^ ---- | .0008619 |
| #2 | 2142.927 | .0311307 | -.116270 | 1703.291 | ^ ---- | .0014260 |
| #3 | 2148.066 | .0279342 | -.114495 | 1691.348 | ^ ---- | .0011485 |

Sample Name: LR1      Acquired: 5/13/2024 20:53:43      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0070321 | -.037757 | -1.01951 | .0663816 | -.094753 | .2307770 |
| Stddev | .0028120 | .000992  | .01996   | .0079092 | .004943  | .0029570 |
| %RSD   | 39.98881 | 2.626776 | 1.957668 | 11.91481 | 5.217125 | 1.281311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0095140 | -.038886 | -1.03398 | .0575820 | -.097375 | .2308673 |
| #2 | .0076042 | -.037360 | -.99674  | .0686644 | -.089051 | .2336879 |
| #3 | .0039780 | -.037025 | -1.02782 | .0728983 | -.097833 | .2277760 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | -.991398 | Z ***** |
| Stddev | .002036  | -----   |
| %RSD   | .2053315 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | -.993712 | Z 4714.649 |
| #2 | -.990597 | Z 4709.621 |
| #3 | -.989884 | Z 4702.148 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2495.087 | 54201.65 | 8140.076 | 2067.466 | 2630.640 |
| Stddev    | 1.552    | 25.27    | 27.698   | 5.142    | 2.874    |
| %RSD      | .0622127 | .0466254 | .3402648 | .2487279 | .1092681 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2493.445 | 54221.39 | 8169.642 | 2064.082 | 2629.039 |
| #2 | 2495.288 | 54173.17 | 8114.731 | 2064.932 | 2628.923 |
| #3 | 2496.530 | 54210.39 | 8135.856 | 2073.383 | 2633.959 |

Sample Name: LR2      Acquired: 5/13/2024 21:03:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | -.008971 | -.027570 | 252.9735 | -.103524 | -.023087 | -.173727 |
| Stddev | .002083  | .002483  | 1.0959   | .001824  | .004411  | .012408  |
| %RSD   | 23.22083 | 9.005570 | .4332144 | 1.761890 | 19.10768 | 7.142459 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009375 | -.027795 | 251.8154 | -.101432 | -.021675 | -.159666 |
| #2 | -.006715 | -.024982 | 253.9942 | -.104779 | -.019555 | -.178377 |
| #3 | -.010822 | -.029932 | 253.1108 | -.104363 | -.028032 | -.183140 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 101.6934 | -.001410 | -.011419 | .2379931 | .0167677 | .0097226 |
| Stddev | 1.2577   | .000154  | .000066  | .0059063 | .0003680 | .0003038 |
| %RSD   | 1.236722 | 10.92766 | .5763447 | 2.481723 | 2.194834 | 3.124694 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 100.9205 | -.001405 | -.011350 | .2312707 | .0163729 | .0093841 |
| #2 | 101.0150 | -.001259 | -.011425 | .2403585 | .0171012 | .0099715 |
| #3 | 103.1446 | -.001567 | -.011482 | .2423501 | .0168290 | .0098123 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 280.1753 | .2568898 | 46.36434 | -.049143 | 51.79433 | .0090088 |
| Stddev | 1.2870     | .0026001 | .27843   | .012468  | .22218   | .0000677 |
| %RSD   | .4593661   | 1.012131 | .6005366 | 25.37164 | .4289586 | .7515850 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 278.7580 | .2550277 | 46.22872 | -.063307 | 51.56555 | .0089367 |
| #2 | 281.2711 | .2598604 | 46.17969 | -.039826 | 52.00926 | .0090186 |
| #3 | 280.4968 | .2557813 | 46.68460 | -.044295 | 51.80817 | .0090711 |

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138     | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .2122031 | -.012853 | F 26.24693 | .6766870 | -.005810 | -.002484 |
| Stddev | .0122075 | .000891  | .05284     | .0797543 | .000607  | .000374  |
| %RSD   | 5.752729 | 6.929485 | .2013137   | 11.78599 | 10.45261 | 15.04979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2219827 | -.011831 | 26.18592 | .7683457 | -.005679 | -.002904 |
| #2 | .2161050 | -.013263 | 26.27719 | .6231274 | -.006472 | -.002362 |
| #3 | .1985217 | -.013465 | 26.27768 | .6385879 | -.005278 | -.002186 |

Sample Name: LR2      Acquired: 5/13/2024 21:03:03      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .1361435 | -.031501 | .0032233 | -2.61473 | -.030408 | -.001353 |
| Stddev | .0014572 | .001011  | .0099105 | .01178   | .004964  | .001320  |
| %RSD   | 1.070315 | 3.209819 | 307.4621 | .4504801 | 16.32306 | 97.54780 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1353529 | -.030688 | .0052925 | -2.60938 | -.030233 | -.002876 |
| #2 | .1378251 | -.031182 | -.007558 | -2.62824 | -.025535 | -.000532 |
| #3 | .1352526 | -.032633 | .011936  | -2.60658 | -.035457 | -.000652 |

|        |          |         |
|--------|----------|---------|
| Elem   | Sr4077   | Ce4040  |
| Units  | ppm      | Cts/S   |
| Avg    | .0014998 | z ***** |
| Stddev | .0000691 | -----   |
| %RSD   | 4.610217 | -----   |

|    |          |            |
|----|----------|------------|
| #1 | .0014607 | z 2424.780 |
| #2 | .0014590 | z 2419.593 |
| #3 | .0015796 | z 2435.326 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3530.396 | 77459.25 | 10304.48 | 3029.049 | 4578.005 |
| Stddev    | 21.699   | 83.64    | 70.48    | 8.133    | 21.350   |
| %RSD      | .6146456 | .1079842 | .6839539 | .2685005 | .4663658 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3555.010 | 77550.43 | 10306.94 | 3038.113 | 4602.066 |
| #2 | 3514.027 | 77386.07 | 10373.70 | 3022.390 | 4561.323 |
| #3 | 3522.152 | 77441.26 | 10232.81 | 3026.644 | 4570.627 |

Sample Name: CCV08      Acquired: 5/13/2024 21:07:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.124977 | 5.230467 | 5.086922 | 5.253818 | 5.216367 | 10.34868 | 10.36831 |
| Stddev | .014138  | .012385  | .005903  | .013302  | .001850  | .02203   | .07627   |
| %RSD   | .2758704 | .2367864 | .1160435 | .2531793 | .0354620 | .2128868 | .7356301 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.130671 | 5.216451 | 5.089857 | 5.238840 | 5.214434 | 10.32337 | 10.31716 |
| #2 | 5.108880 | 5.239935 | 5.080126 | 5.264251 | 5.218121 | 10.35907 | 10.45598 |
| #3 | 5.135381 | 5.235015 | 5.090782 | 5.258364 | 5.216546 | 10.36359 | 10.33180 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2634983 | 2.533617 | 25.63596 | .9985458 | 2.552265 | 1.306378 | 4.921309 |
| Stddev | .0009785 | .002364  | .08647   | .0017380 | .002492  | .002070  | .037093  |
| %RSD   | .3713702 | .0933161 | .3372910 | .1740571 | .0976540 | .1584161 | .7537296 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2644514 | 2.535731 | 25.54490 | .9994833 | 2.554068 | 1.307149 | 4.889170 |
| #2 | .2635474 | 2.531064 | 25.71696 | .9996137 | 2.549421 | 1.304034 | 4.912858 |
| #3 | .2624961 | 2.534055 | 25.64600 | .9965403 | 2.553306 | 1.307952 | 4.961899 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.556961 | 24.36049 | 2.551873 | 1.278076 | 23.97651 | 2.519848 | 2.536261 |
| Stddev | .001689  | .06328   | .001519  | .000754  | .15564   | .003437  | .006568  |
| %RSD   | .0660463 | .2597661 | .0595172 | .0590331 | .6491242 | .1363871 | .2589443 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.558018 | 24.43187 | 2.553088 | 1.277235 | 23.81939 | 2.518655 | 2.529985 |
| #2 | 2.557853 | 24.33836 | 2.550170 | 1.278300 | 23.97954 | 2.523722 | 2.543086 |
| #3 | 2.555014 | 24.31125 | 2.552360 | 1.278693 | 24.13062 | 2.517166 | 2.535714 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.71103 | 5.237396 | 5.265582 | 5.231263 | 5.187122 | 4.779496 | 4.888606 |
| Stddev | .23622   | .033970  | .003255  | .010520  | .007875  | .067427  | .005383  |
| %RSD   | .9559476 | .6485982 | .0618221 | .2010953 | .1518239 | 1.410748 | .1101195 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.47301 | 5.269498 | 5.262474 | 5.224706 | 5.178232 | 4.712154 | 4.884431 |
| #2 | 24.71467 | 5.240865 | 5.265303 | 5.225686 | 5.189913 | 4.779326 | 4.886704 |
| #3 | 24.94542 | 5.201825 | 5.268967 | 5.243397 | 5.193222 | 4.847007 | 4.894682 |

Sample Name: CCV08      Acquired: 5/13/2024 21:07:50      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 4.886492 | 4.972744 | 5.182847 | Z ***** |
| Stddev | .009865  | .010982  | .024658  | -----   |
| %RSD   | .2018752 | .2208365 | .4757602 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 4.889356 | 4.984815 | 5.189007 | Z 2516.647 |
| #2 | 4.894608 | 4.970072 | 5.203840 | Z 2520.804 |
| #3 | 4.875512 | 4.963345 | 5.155692 | Z 2533.925 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3638.210 | 74158.42 | 9731.945 | 3018.456 | 4369.829 |
| Stddev    | .417     | 64.02    | 65.149   | 4.304    | 1.972    |
| %RSD      | .0114728 | .0863316 | .6694344 | .1425908 | .0451185 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3637.733 | 74186.45 | 9675.124 | 3018.130 | 4367.786 |
| #2 | 3638.389 | 74085.17 | 9717.660 | 3014.325 | 4371.721 |
| #3 | 3638.509 | 74203.65 | 9803.051 | 3022.915 | 4369.980 |

Sample Name: CCB08      Acquired: 5/13/2024 21:12:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019169 | .0013500 | .0020367 | .0007819 | -.005391 | .0005487 |
| Stddev | .0010689 | .0023253 | .0004783 | .0007305 | .001145  | .0075580 |
| %RSD   | 55.75872 | 172.2425 | 23.48498 | 93.41673 | 21.24335 | 1377.525 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0028569 | .0036301 | .0021409 | .0009918 | -.005780 | -.000824 |
| #2 | .0007543 | -.001018 | .0024543 | -.000030 | -.006291 | .008699  |
| #3 | .0021397 | .001438  | .0015148 | .001385  | -.004102 | -.006229 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012626 | .0000067 | .0000708 | -.018249 | .0002389 | .0001717 |
| Stddev | .0004172 | .0000462 | .0000757 | .009336  | .0002039 | .0001035 |
| %RSD   | 33.04459 | 691.4980 | 106.8075 | 51.15841 | 85.37773 | 60.27246 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0015006 | -.000018 | .0000673 | -.019453 | .0000454 | .0002912 |
| #2 | .0015065 | .000060  | -.000003 | -.008370 | .0004519 | .0001154 |
| #3 | .0007809 | -.000022 | .000148  | -.026925 | .0002194 | .0001086 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010264 | .0387839 | .0014882 | .0087536 | .0001400 | .0004286 |
| Stddev | .0002381 | .0032897 | .0002109 | .0119446 | .0002715 | .0003178 |
| %RSD   | 23.20319 | 8.482108 | 14.16984 | 136.4534 | 193.9024 | 74.14630 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0010419 | .0354840 | .0014452 | .0017339 | -.000091 | .0004566 |
| #2 | .0007809 | .0420633 | .0017172 | .0019816 | .000439  | .0000978 |
| #3 | .0012564 | .0388044 | .0013021 | .0225452 | .000071  | .0007315 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.218314 | -.001248 | .0020715 | .0781718 | -.000685 | .0006550 |
| Stddev | .012744  | .001285  | .0002241 | .0345691 | .000632  | .0000829 |
| %RSD   | 5.837246 | 102.9932 | 10.81761 | 44.22194 | 92.32778 | 12.65824 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.231222 | -.002315 | .0018650 | .0387271 | -.000390 | .0006547 |
| #2 | -.217978 | .000179  | .0020398 | .0925925 | -.001410 | .0005723 |
| #3 | -.205741 | -.001606 | .0023098 | .1031959 | -.000254 | .0007381 |



Sample Name: CCB08      Acquired: 5/13/2024 21:12:09      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .3001248</b> | <b>.0002395</b> | <b>.0012344</b> | <b>.0034466</b> | <b>.0083578</b> | <b>.0011118</b> |
| Stddev | .0017567          | .0003119        | .0139409        | .0022043        | .0010950        | .0017885        |
| %RSD   | .5853196          | 130.2370        | 1129.339        | 63.95652        | 13.10183        | 160.8642        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2981300 | .0002915 | .0075797 | .0012169 | .0093878 | .0004059 |
| #2 | .3008037 | -.000095 | .0108740 | .0056247 | .0072077 | .0031455 |
| #3 | .3014408 | .000522  | -.014750 | .0034983 | .0084778 | -.000216 |

| Elem   | Sr4077          | Ce4040         |
|--------|-----------------|----------------|
| Units  | ppm             | Cts/S          |
| Avg    | <b>.0000705</b> | <b>Z *****</b> |
| Stddev | .0000197        | -----          |
| %RSD   | 28.02507        | -----          |

|    |                 |                   |
|----|-----------------|-------------------|
| #1 | <b>.0000707</b> | <b>Z 2272.350</b> |
| #2 | <b>.0000506</b> | <b>Z 2270.838</b> |
| #3 | <b>.0000901</b> | <b>Z 2275.679</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>3700.912</b> | <b>75506.67</b> | <b>9915.169</b> | <b>3094.941</b> | <b>4591.758</b> |
| Stddev    | 4.547           | 123.39          | 26.284          | 7.692           | 4.511           |
| %RSD      | .1228724        | .1634203        | .2650888        | .2485255        | .0982499        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3706.093 | 75372.89 | 9885.050 | 3087.256 | 4595.830 |
| #2 | 3699.059 | 75616.02 | 9933.468 | 3102.639 | 4592.535 |
| #3 | 3697.583 | 75531.11 | 9926.989 | 3094.927 | 4586.908 |

Sample Name: PB160833BS      Acquired: 5/13/2024 22:10:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .9004528 | 2.178560 | 1.090172 | 2.223812 | .8398040 | 2.283952 |
| Stddev | .0007328 | .003213  | .002298  | .010366  | .0029094 | .006092  |
| %RSD   | .0813763 | .1475037 | .2107580 | .4661525 | .3464430 | .2667416 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8997595 | 2.175929 | 1.088013 | 2.216087 | .8373532 | 2.279243 |
| #2 | .9012195 | 2.177609 | 1.092587 | 2.219757 | .8390395 | 2.281779 |
| #3 | .9003796 | 2.182142 | 1.089916 | 2.235593 | .8430194 | 2.290832 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2337638 | .2314259 | .2177118 | 1.142740 | .4510991 | .2235678 |
| Stddev | .0012769 | .0010780 | .0002155 | .009153  | .0011406 | .0001032 |
| %RSD   | .5462361 | .4658263 | .0989990 | .8009831 | .2528464 | .0461393 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2350706 | .2320969 | .2174660 | 1.149631 | .4523493 | .2235846 |
| #2 | .2325191 | .2301824 | .2178687 | 1.146236 | .4501153 | .2234572 |
| #3 | .2337017 | .2319984 | .2178007 | 1.132355 | .4508328 | .2236615 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3518829 | 3.356120 | .2332884 | 2.220681 | .5686127 | .0813896 |
| Stddev | .0006762 | .011664  | .0012062 | .032261  | .0002211 | .0002986 |
| %RSD   | .1921808 | .3475323 | .5170586 | 1.452756 | .0388839 | .3668613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3526236 | 3.354578 | .2337229 | 2.218998 | .5688114 | .0813121 |
| #2 | .3517267 | 3.345304 | .2319250 | 2.189295 | .5686522 | .0811373 |
| #3 | .3512985 | 3.368478 | .2342171 | 2.253751 | .5683745 | .0817192 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.025063 | .3367273 | .2295349 | 10.55207 | .3206854 | .4353740 |
| Stddev | .025898  | .0024626 | .0007387 | .06162   | .0011639 | .0006108 |
| %RSD   | .8561284 | .7313293 | .3218371 | .5839272 | .3629526 | .1402981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.019303 | .3384642 | .2303809 | 10.53848 | .3209993 | .4351489 |
| #2 | 3.053357 | .3339091 | .2292061 | 10.49839 | .3193968 | .4349076 |
| #3 | 3.002530 | .3378086 | .2290176 | 10.61935 | .3216603 | .4360654 |

Sample Name: PB160833BS      Acquired: 5/13/2024 22:10:42      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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>F 1.022346</b> | <b>.2143315</b> | <b>.8831276</b> | <b>5.861764</b> | <b>F .0030139</b> | <b>.2069458</b> |
| Stddev | .002993           | .0004184        | .0047027        | .004598         | .0026881          | .0023543        |
| %RSD   | .2927382          | .1952214        | .5325040        | .0784380        | 89.18943          | 1.137653        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.019163 | .2138756 | .8779594 | 5.862655 | .0042094 | .2074729 |
| #2 | 1.025103 | .2144209 | .8842684 | 5.856787 | .0048968 | .2043726 |
| #3 | 1.022772 | .2146980 | .8871549 | 5.865852 | -.000065 | .2089920 |

| Elem   | Sr4077          | Ce4040         |
|--------|-----------------|----------------|
| Units  | ppm             | Cts/S          |
| Avg    | <b>.2179354</b> | <b>z *****</b> |
| Stddev | .0010493        | -----          |
| %RSD   | .4814743        | -----          |

|    |          |                   |
|----|----------|-------------------|
| #1 | .2191163 | <b>z 12429.64</b> |
| #2 | .2171101 | <b>z 12439.69</b> |
| #3 | .2175799 | <b>z 12508.73</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>3695.828</b> | <b>75309.64</b> | <b>9755.883</b> | <b>3114.573</b> | <b>4546.632</b> |
| Stddev    | 2.214           | 162.72          | 45.979          | 7.422           | 4.324           |
| %RSD      | .0599163        | .2160672        | .4712916        | .2383146        | .0951117        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3693.470 | 75142.40 | 9708.378 | 3108.029 | 4546.685 |
| #2 | 3696.150 | 75319.10 | 9800.166 | 3113.053 | 4542.282 |
| #3 | 3697.864 | 75467.42 | 9759.104 | 3122.638 | 4550.930 |

Sample Name: P2414-01DL2X25      Acquired: 5/13/2024 22:21:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0099350 | -.002208 | .1363532 | -.002361 | -.005338 | 9.000696 | .0825980 |
| Stddev | .0021358 | .001994  | .0012238 | .004438  | .000678  | .066254  | .0006652 |
| %RSD   | 21.49792 | 90.29493 | .8974984 | 187.9992 | 12.71075 | .7361030 | .8053944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0103757 | -.000273 | .1349429 | -.002690 | -.004824 | 8.926241 | .0818406 |
| #2 | .0118162 | -.004256 | .1371343 | .002233  | -.005083 | 9.022692 | .0830877 |
| #3 | .0076133 | -.002095 | .1369825 | -.006625 | -.006107 | 9.053155 | .0828658 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009729 | -.000187 | 50.20807 | .0208063 | .0084082 | .0322254 | 18.34496 |
| Stddev | .0001028 | .000055  | .38461   | .0003643 | .0000945 | .0001070 | .08570   |
| %RSD   | 10.56442 | 29.41767 | .7660288 | 1.750913 | 1.123319 | .3319096 | .4671346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010663 | -.000185 | 49.76507 | .0203909 | .0085098 | .0322672 | 18.25132 |
| #2 | .0009895 | -.000133 | 50.40231 | .0209567 | .0083918 | .0321039 | 18.36407 |
| #3 | .0008628 | -.000243 | 50.45681 | .0210713 | .0083230 | .0323052 | 18.41948 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8615412 | 23.20467 | .0202025 | -.000385 | -.192130 | .0186248 | .2393087 |
| Stddev | .0079144 | .25763   | .0003114 | .000320  | .014630  | .0011804 | .0013377 |
| %RSD   | .9186302 | 1.110254 | 1.541338 | 83.04500 | 7.614647 | 6.337905 | .5589905 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8526452 | 22.92414 | .0205588 | -.000069 | -.208346 | .0190126 | .2401757 |
| #2 | .8678011 | 23.43066 | .0200665 | -.000377 | -.188124 | .0195625 | .2399822 |
| #3 | .8641774 | 23.25920 | .0199822 | -.000708 | -.179921 | .0172992 | .2377680 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.001100 | .0051929 | .0003836 | .2480422 | .0779438 | 1.055280 | .5979867 |
| Stddev | .020135  | .0012799 | .0002610 | .0018478 | .0015656 | .020436  | .0029005 |
| %RSD   | 2.011306 | 24.64685 | 68.03484 | .7449429 | 2.008674 | 1.936537 | .4850400 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.000510 | .0051770 | .0002042 | .2459468 | .0761561 | 1.031763 | .5957878 |
| #2 | 1.021524 | .0039210 | .0002636 | .2494383 | .0786048 | 1.068720 | .6012739 |
| #3 | .981266  | .0064806 | .0006830 | .2487414 | .0790705 | 1.065359 | .5968984 |

Sample Name: P2414-01DL2X25      Acquired: 5/13/2024 22:21:06      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .2519533 | .0191001 | .0171117 | z ***** |
| Stddev | .0005775 | .0005433 | .0001320 | -----   |
| %RSD   | .2292235 | 2.844224 | .7716198 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .2514246 | .0185081 | .0169997 | z 2682.453 |
| #2 | .2518658 | .0195757 | .0172573 | z 2707.385 |
| #3 | .2525696 | .0192164 | .0170782 | z 2685.878 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3669.101 | 74438.38 | 9973.207 | 3077.815 | 4417.375 |
| Stddev    | 1.390    | 153.48   | 44.951   | 11.869   | 5.436    |
| %RSD      | .0378959 | .2061847 | .4507225 | .3856401 | .1230624 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3668.123 | 74349.77 | 10003.61 | 3070.528 | 4423.124 |
| #2 | 3670.693 | 74349.76 | 9921.57  | 3071.406 | 4412.318 |
| #3 | 3668.488 | 74615.60 | 9994.43  | 3091.511 | 4416.682 |

Sample Name: P2415-01DL2X25      Acquired: 5/13/2024 22:25:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0084798 | -.002509 | .0746348 | -.000796 | -.003855 | 13.00569 | .1197666 |
| Stddev | .0007165 | .001504  | .0006553 | .002215  | .001684  | .00959   | .0004335 |
| %RSD   | 8.449184 | 59.93404 | .8779419 | 278.2489 | 43.68113 | .0737583 | .3619339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0076548 | -.000942 | .0738823 | .001294  | -.002627 | 12.99485 | .1199039 |
| #2 | .0088395 | -.003940 | .0750797 | -.000564 | -.003163 | 13.00913 | .1192811 |
| #3 | .0089452 | -.002645 | .0749422 | -.003117 | -.005775 | 13.01309 | .1201147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011456 | -.000688 | 38.78948 | .0384786 | .0119977 | .0519087 | 22.73739 |
| Stddev | .0000718 | .000073  | .01207   | .0003110 | .0002926 | .0003213 | .07422   |
| %RSD   | 6.264151 | 10.57743 | .0311107 | .8081555 | 2.439084 | .6190661 | .3264266 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0011320 | -.000670 | 38.77793 | .0386229 | .0119334 | .0521325 | 22.75792 |
| #2 | .0012232 | -.000626 | 38.80200 | .0381217 | .0123171 | .0520530 | 22.65507 |
| #3 | .0010816 | -.000768 | 38.78852 | .0386912 | .0117425 | .0515404 | 22.79919 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4972960 | 7.571211 | .0341172 | .0000933 | -.204951 | .0305294 | .1557960 |
| Stddev | .0009635 | .068693  | .0003486 | .0001737 | .024194  | .0008261 | .0003413 |
| %RSD   | .1937528 | .9072894 | 1.021833 | 186.2923 | 11.80489 | 2.705943 | .2190471 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4966967 | 7.531976 | .0339824 | .0000972 | -.231371 | .0297279 | .1554988 |
| #2 | .4967839 | 7.531127 | .0338561 | -.000082 | -.199608 | .0304821 | .1561687 |
| #3 | .4984075 | 7.650529 | .0345131 | .000265  | -.183875 | .0313781 | .1557205 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.273747 | .0124324 | .0020549 | .2439405 | .0683847 | .5719601 | 1.182490 |
| Stddev | .021506  | .0008978 | .0001994 | .0008191 | .0009108 | .0069543 | .000613  |
| %RSD   | 1.688438 | 7.221390 | 9.702008 | .3357679 | 1.331856 | 1.215871 | .0518000 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.257425 | .0134582 | .0018284 | .2429963 | .0694208 | .5739931 | 1.181784 |
| #2 | 1.265700 | .0117894 | .0022038 | .2443659 | .0680232 | .5642158 | 1.182879 |
| #3 | 1.298117 | .0120498 | .0021326 | .2444594 | .0677102 | .5776713 | 1.182807 |

Sample Name: P2415-01DL2X25      Acquired: 5/13/2024 22:25:28      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .3309031 | .0213974 | .0383252 | z ***** |
| Stddev | .0042121 | .0013807 | .0002251 | -----   |
| %RSD   | 1.272923 | 6.452530 | .5872530 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .3324956 | .0226670 | .0385167 | z 2711.750 |
| #2 | .3261268 | .0199275 | .0380773 | z 2705.386 |
| #3 | .3340867 | .0215977 | .0383817 | z 2717.142 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3718.996 | 75189.02 | 10200.10 | 3135.944 | 4475.923 |
| Stddev    | 6.109    | 191.76   | 28.63    | 7.699    | 4.651    |
| %RSD      | .1642670 | .2550392 | .2807104 | .2454995 | .1039127 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3712.557 | 74967.97 | 10168.19 | 3138.068 | 4471.535 |
| #2 | 3724.710 | 75288.37 | 10208.57 | 3127.406 | 4475.436 |
| #3 | 3719.722 | 75310.73 | 10223.55 | 3142.358 | 4480.799 |

Sample Name: P2398-01DL2X25      Acquired: 5/13/2024 22:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      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    | .0056323 | -.000082 | .0069156 | -.003427 | -.004322 | 8.719834 | .0540664 |
| Stddev | .0033449 | .001336  | .0013436 | .003615  | .000734  | .028351  | .0005623 |
| %RSD   | 59.38850 | 1622.783 | 19.42917 | 105.4990 | 16.98750 | .3251321 | 1.040077 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040394 | -.000044 | .0056493 | -.000570 | -.005151 | 8.687979 | .0539377 |
| #2 | .0094759 | -.001437 | .0083251 | -.002219 | -.004064 | 8.729226 | .0546820 |
| #3 | .0033815 | .001234  | .0067723 | -.007491 | -.003752 | 8.742297 | .0535797 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009986 | -.000672 | 1.668292 | .0135555 | .0086519 | .0334291 | 14.73054 |
| Stddev | .0000392 | .000022  | .009873  | .0003534 | .0001933 | .0004932 | .06804   |
| %RSD   | 3.931021 | 3.333022 | .5918124 | 2.607040 | 2.234305 | 1.475390 | .4619212 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009534 | -.000650 | 1.657183 | .0138997 | .0087952 | .0330167 | 14.67792 |
| #2 | .0010179 | -.000670 | 1.676066 | .0135732 | .0084321 | .0332952 | 14.80738 |
| #3 | .0010244 | -.000694 | 1.671626 | .0131936 | .0087286 | .0339754 | 14.70633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4323052 | 4.021611 | .0180010 | -.000537 | -.259564 | .0153967 | .0566500 |
| Stddev | .0022714 | .025090  | .0000362 | .000274  | .013084  | .0008665 | .0005925 |
| %RSD   | .5254186 | .6238896 | .2011515 | 51.05471 | 5.040813 | 5.627677 | 1.045890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4296915 | 3.997156 | .0179622 | -.000712 | -.272901 | .0144095 | .0573309 |
| #2 | .4338009 | 4.047292 | .0180338 | -.000221 | -.259040 | .0157495 | .0562516 |
| #3 | .4334233 | 4.020386 | .0180071 | -.000679 | -.246749 | .0160312 | .0563676 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9493239 | .0000154 | -.000327 | .2391069 | .1008006 | 1.502566 | .1718013 |
| Stddev | .0132537 | .0002910 | .000074  | .0006460 | .0013524 | .016992  | .0009423 |
| %RSD   | 1.396117 | 1893.775 | 22.74685 | .2701684 | 1.341689 | 1.130876 | .5484912 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9421249 | .0001803 | -.000373 | .2383637 | .0992391 | 1.485750 | .1728029 |
| #2 | .9646192 | .0001865 | -.000241 | .2394225 | .1015642 | 1.502220 | .1716688 |
| #3 | .9412277 | -.000321 | -.000365 | .2395343 | .1015986 | 1.519729 | .1709323 |



Sample Name: P2398-01DL2X25      Acquired: 5/13/2024 22:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | .0163830 | .0181751 | -.002593 | z ***** |
| Stddev | .0008513 | .0026281 | .000011  | -----   |
| %RSD   | 5.196232 | 14.45990 | .4134451 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | .0173657 | .0172141 | -.002601 | z 2523.636 |
| #2 | .0159130 | .0211485 | -.002598 | z 2539.340 |
| #3 | .0158702 | .0161628 | -.002581 | z 2524.980 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3804.775 | 76299.89 | 9899.599 | 3178.596 | 4635.272 |
| Stddev    | 2.538    | 162.91   | 18.766   | 6.996    | 8.789    |
| %RSD      | .0667003 | .2135127 | .1895680 | .2200845 | .1896034 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3803.646 | 76140.25 | 9904.915 | 3173.508 | 4625.175 |
| #2 | 3807.681 | 76293.52 | 9915.134 | 3186.573 | 4641.205 |
| #3 | 3802.997 | 76465.89 | 9878.748 | 3175.707 | 4639.435 |

Sample Name: CCV09      Acquired: 5/13/2024 22:34:16      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.219780 | 5.175738 | 5.191471 | 5.289978 | 5.263638 | 10.55016 | 10.41738 |
| Stddev | .004489  | .010379  | .013530  | .006225  | .007702  | .12031   | .08593   |
| %RSD   | .0859911 | .2005355 | .2606173 | .1176746 | .1463206 | 1.140402 | .8249095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.224309 | 5.173046 | 5.191854 | 5.294597 | 5.255823 | 10.44246 | 10.40571 |
| #2 | 5.219699 | 5.187198 | 5.204805 | 5.292437 | 5.271222 | 10.68001 | 10.50855 |
| #3 | 5.215333 | 5.166970 | 5.177753 | 5.282899 | 5.263868 | 10.52800 | 10.33788 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2589415 | 2.603393 | 26.06675 | 1.009584 | 2.593909 | 1.316963 | 5.169156 |
| Stddev | .0018402 | .002407  | .35487   | .004175  | .003086  | .001458  | .028492  |
| %RSD   | .7106476 | .0924583 | 1.361397 | .4135191 | .1189740 | .1106714 | .5511915 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2579883 | 2.602286 | 25.80120 | 1.004990 | 2.595487 | 1.317517 | 5.138550 |
| #2 | .2610627 | 2.606154 | 26.46979 | 1.010617 | 2.595886 | 1.318062 | 5.194911 |
| #3 | .2577735 | 2.601738 | 25.92924 | 1.013146 | 2.590353 | 1.315310 | 5.174006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.577109 | 24.95761 | 2.598240 | 1.287020 | 24.56245 | 2.540765 | 2.593559 |
| Stddev | .029410  | .24276   | .002032  | .003140  | .17016   | .038514  | .004947  |
| %RSD   | 1.141218 | .9727039 | .0782253 | .2439428 | .6927803 | 1.515827 | .1907585 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.556011 | 24.74105 | 2.597724 | 1.283932 | 24.36828 | 2.518145 | 2.590999 |
| #2 | 2.610704 | 25.22004 | 2.600481 | 1.286920 | 24.68560 | 2.585234 | 2.590416 |
| #3 | 2.564612 | 24.91174 | 2.596516 | 1.290209 | 24.63347 | 2.518915 | 2.599262 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.20980 | 5.148266 | 5.269229 | 5.328985 | 5.253553 | 5.006709 | 5.085768 |
| Stddev | .09348   | .038951  | .008157  | .006196  | .064735  | .075285  | .002393  |
| %RSD   | .3708191 | .7565823 | .1548060 | .1162636 | 1.232211 | 1.503687 | .0470550 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.10295 | 5.138261 | 5.264275 | 5.333446 | 5.203482 | 4.921342 | 5.088450 |
| #2 | 25.24994 | 5.191243 | 5.278643 | 5.331600 | 5.326654 | 5.035168 | 5.085003 |
| #3 | 25.27651 | 5.115293 | 5.264768 | 5.321911 | 5.230523 | 5.063616 | 5.083851 |

Sample Name: CCV09      Acquired: 5/13/2024 22:34:16      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   | Ce4040  |
|--------|----------|----------|----------|---------|
| Units  | ppm      | ppm      | ppm      | Cts/S   |
| Avg    | 5.019847 | 4.980723 | 5.196860 | z ***** |
| Stddev | .000107  | .056140  | .016753  | -----   |
| %RSD   | .0021404 | 1.127141 | .3223700 | -----   |

|    |          |          |          |            |
|----|----------|----------|----------|------------|
| #1 | 5.019723 | 4.941053 | 5.197373 | z 2560.457 |
| #2 | 5.019913 | 5.044958 | 5.213351 | z 2556.089 |
| #3 | 5.019904 | 4.956157 | 5.179856 | z 2589.852 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3621.534 | 74032.64 | 9952.075 | 3028.298 | 4325.868 |
| Stddev    | 2.596    | 110.29   | 83.310   | 6.880    | 3.652    |
| %RSD      | .0716757 | .1489757 | .8371112 | .2272057 | .0844186 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3618.723 | 74156.35 | 9981.247 | 3031.307 | 4322.741 |
| #2 | 3622.039 | 73996.95 | 9858.102 | 3033.162 | 4324.982 |
| #3 | 3623.841 | 73944.61 | 10016.88 | 3020.426 | 4329.881 |

Sample Name: CCB09      Acquired: 5/13/2024 22:38:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002460 | .0000718 | .0022291 | -.000185 | -.003974 | .0032483 |
| Stddev | .0014947 | .0009141 | .0017951 | .001380  | .000673  | .0024834 |
| %RSD   | 607.4901 | 1272.704 | 80.53004 | 744.5053 | 16.92354 | 76.45287 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001247 | .0005218 | .0034592 | -.001018 | -.003198 | .0029391 |
| #2 | .000243  | .0006737 | .0001692 | .001407  | -.004352 | .0009340 |
| #3 | .001743  | -.000980 | .0030588 | -.000946 | -.004373 | .0058719 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012767 | -.000048 | -.000014 | -.024420 | .0000208 | .0001402 |
| Stddev | .0006689 | .000067  | .000069  | .001954  | .0001626 | .0000211 |
| %RSD   | 52.39431 | 138.8311 | 491.2520 | 8.000374 | 782.5087 | 15.04057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0005424 | -.000004 | -.000017 | -.022504 | -.000124 | .0001323 |
| #2 | .0014362 | -.000015 | .000057  | -.024347 | -.000011 | .0001641 |
| #3 | .0018514 | -.000126 | -.000081 | -.026410 | .000197  | .0001242 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001680 | .0381687 | .0014806 | -.005372 | -.000013 | -.000353 |
| Stddev | .0001777 | .0012117 | .0001006 | .003952  | .000228  | .000332  |
| %RSD   | 105.7538 | 3.174723 | 6.790756 | 73.56144 | 1819.484 | 94.03020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0002694 | .0377749 | .0015910 | -.006469 | -.000124 | .000014  |
| #2 | -.000037 | .0372028 | .0014567 | -.008660 | -.000163 | -.000632 |
| #3 | .000272  | .0395283 | .0013942 | -.000988 | .000250  | -.000441 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.419988 | -.001111 | .0020407 | -.012424 | -.000977 | .0005689 |
| Stddev | .017850  | .000942  | .0001661 | .023013  | .000891  | .0001384 |
| %RSD   | 4.250068 | 84.86645 | 8.139431 | 185.2275 | 91.25991 | 24.32617 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.438201 | -.001045 | .0021334 | -.010677 | -.000197 | .0006821 |
| #2 | -.402525 | -.002084 | .0021397 | -.036261 | -.001948 | .0006099 |
| #3 | -.419239 | -.000203 | .0018489 | .009665  | -.000785 | .0004146 |

Sample Name: CCB09      Acquired: 5/13/2024 22:38:37      Type: Unk  
Method: NON EPA-6010-200.7(v2283)      Mode: CONC      Corr. Factor: 1.000000  
User: Bin      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |                   |                 |                 |                 |                 |                 |
|--------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Sn1899            | Ti3361          | Si2881          | P_1774          | S_1820          | Li6707          |
| Units  | ppm               | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>F .3005705</b> | <b>-.000395</b> | <b>-.006808</b> | <b>.0027808</b> | <b>.0063185</b> | <b>-.001492</b> |
| Stddev | .0009198          | .000660         | .006725         | .0023237        | .0009654        | .000916         |
| %RSD   | .3060163          | 167.0912        | 98.77852        | 83.56233        | 15.27902        | 61.38719        |
| #1     | .3004068          | -.000217        | -.006384        | .0000993        | .0052229        | -.000503        |
| #2     | .2997436          | .000158         | -.000305        | .0042032        | .0066879        | -.002311        |
| #3     | .3015612          | -.001126        | -.013735        | .0040399        | .0070446        | -.001663        |

|        |                 |                   |
|--------|-----------------|-------------------|
| Elem   | Sr4077          | Ce4040            |
| Units  | ppm             | Cts/S             |
| Avg    | <b>.0001383</b> | <b>z *****</b>    |
| Stddev | .0000777        | -----             |
| %RSD   | 56.19678        | -----             |
| #1     | .0002151        | <b>z 2344.704</b> |
| #2     | .0000596        | <b>z 2325.688</b> |
| #3     | .0001402        | <b>z 2347.622</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>3764.468</b> | <b>75165.66</b> | <b>9895.314</b> | <b>3150.120</b> | <b>4654.266</b> |
| Stddev    | 4.853           | 91.41           | 78.424          | 5.002           | 1.416           |
| %RSD      | .1289264        | .1216084        | .7925404        | .1587743        | .0304238        |
| #1        | 3759.122        | 75088.06        | 9985.466        | 3148.271        | 4654.922        |
| #2        | 3765.688        | 75142.51        | 9857.646        | 3146.306        | 4655.235        |
| #3        | 3768.596        | 75266.42        | 9842.830        | 3155.783        | 4652.641        |