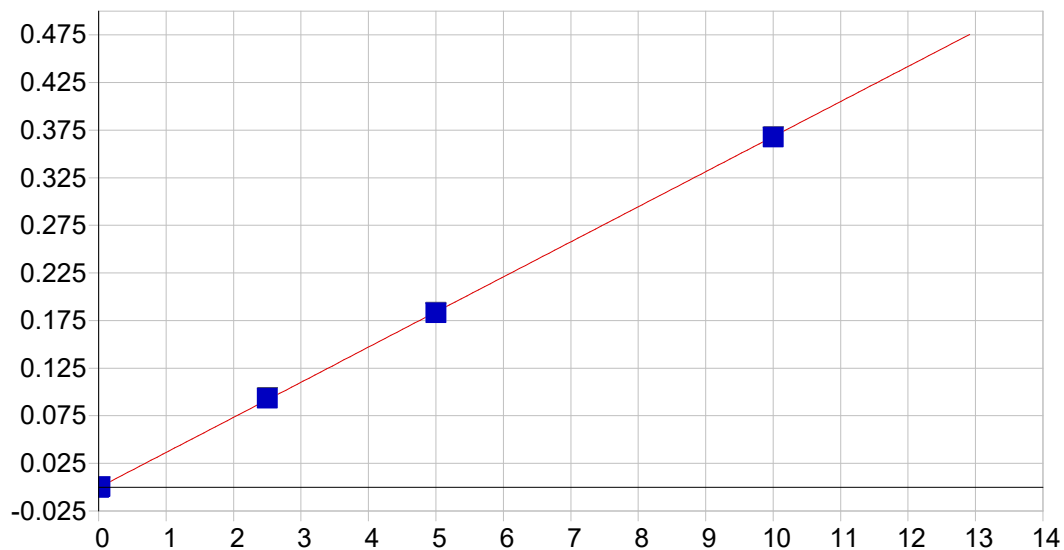


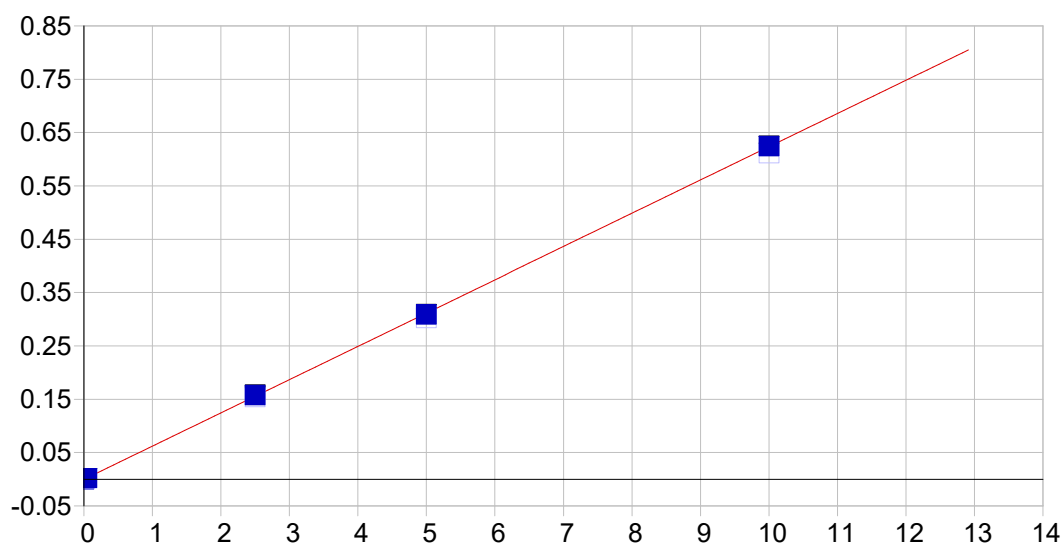


**As 189.042 {479}**

Date of Fit: 12/07/2019 15:15:50      Type of Fit: Linear      Weighting: 1/Conc

|                   |           |           |          |
|-------------------|-----------|-----------|----------|
| A0 (Offset):      | -0.000310 | Re-Slope: | 1.000000 |
| A1 (Gain):        | 0.036846  | Y-int:    | 0.000000 |
| A2 (Curvature):   | 0.000000  |           |          |
| n (Exponent):     | 1.000000  |           |          |
| Correlation:      | 0.999971  | Status:   | OK.      |
| Std Error of Est: | 0.000007  |           |          |
| Predicted MDL:    | 0.003640  |           |          |
| Predicted MQL:    | 0.012132  |           |          |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00031 | .000    | 1        |
| S1        | .02000       | .02069      | .001       | 3.45    | .00046  | .000    | 1        |
| S3        | 2.5000       | 2.5451      | .045       | 1.81    | .09359  | .001    | 1        |
| S4        | 5.0000       | 4.9738      | -.026      | -.523   | .18320  | .000    | 1        |
| S5        | 10.000       | 9.9803      | -.020      | -.197   | .36790  | .000    | 1        |



Date of Fit: 12/07/2019 15:15:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000440

Re-Slope: 1.000000

A1 (Gain): 0.062395

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999975

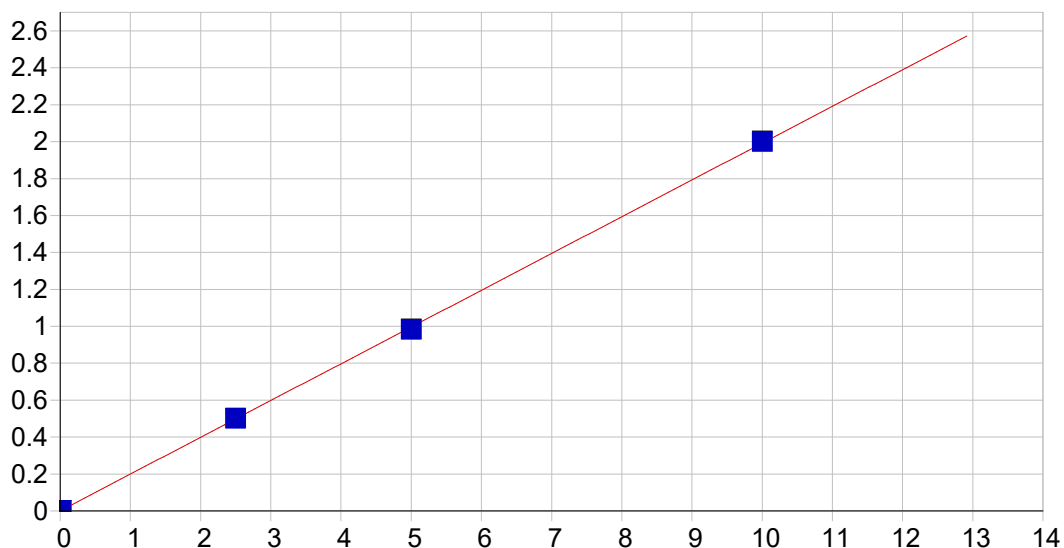
Status: OK.

Std Error of Est: 0.000015

Predicted MDL: 0.002289

Predicted MQL: 0.007631

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00044 | .000    | 1        |
| S1        | .04000       | .03788      | -.002      | -5.31   | .00182  | .000    | 1        |
| S3        | 2.5000       | 2.5287      | .029       | 1.15    | .15408  | .001    | 1        |
| S4        | 5.0000       | 4.9576      | -.042      | -.847   | .30238  | .000    | 1        |
| S5        | 10.000       | 10.016      | .016       | .157    | .61146  | .001    | 1        |

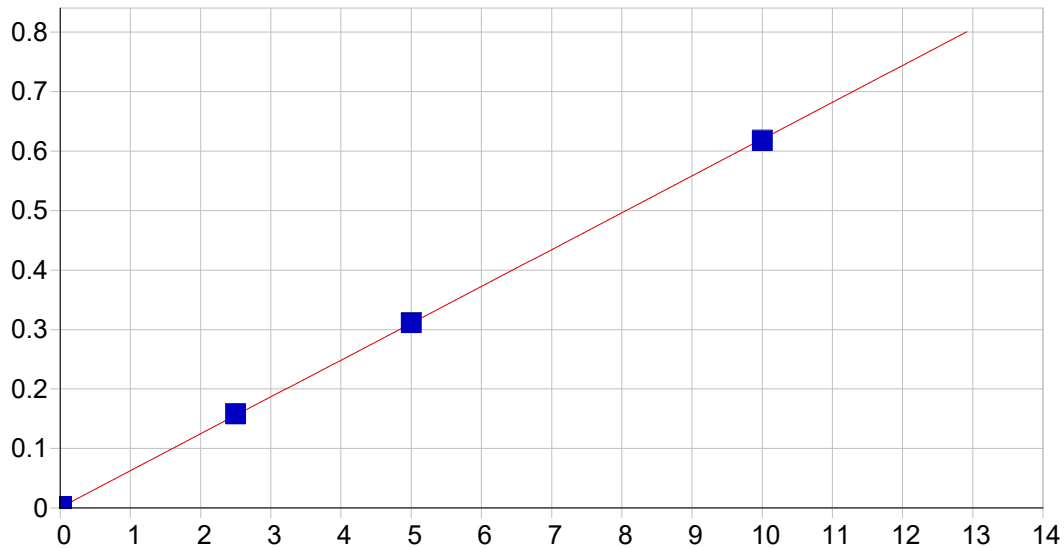


**Pb 220.353 {453}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000364 Re-Slope: 1.000000  
 A1 (Gain): 0.199154 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999967 Status: OK.  
 Std Error of Est: 0.000030  
 Predicted MDL: 0.001695  
 Predicted MQL: 0.005649

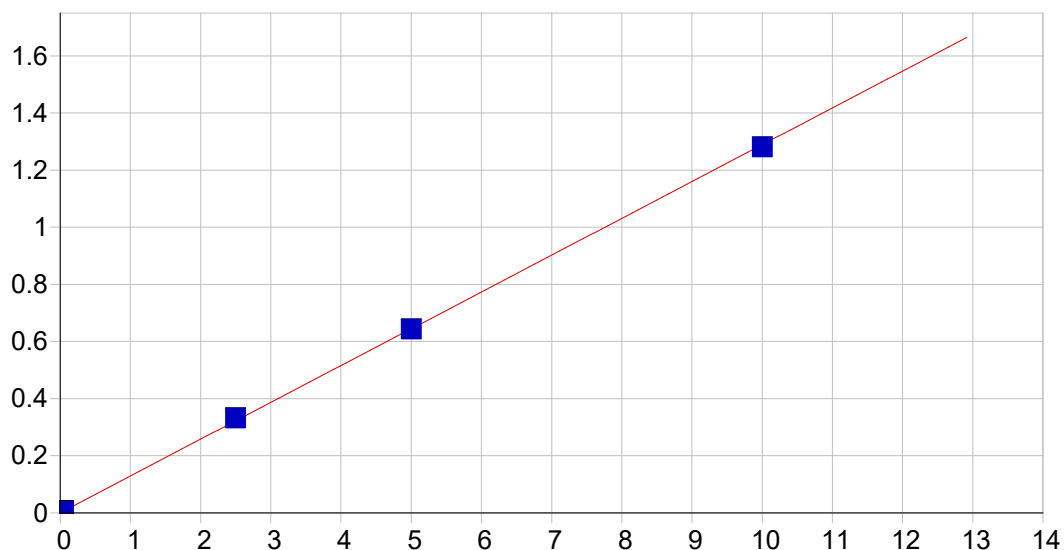
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00036 | .000    | 1        |
| S1        | .01200       | .01262      | .001       | 5.19    | .00283 | .000    | 1        |
| S3        | 2.5000       | 2.5160      | .016       | .641    | .50074 | .001    | 1        |
| S4        | 5.0000       | 4.9369      | -.063      | -1.26   | .98218 | .002    | 1        |
| S5        | 10.000       | 10.046      | .046       | .464    | 1.9983 | .003    | 1        |

**Se 196.090 {472}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000786 Re-Slope: 1.000000  
 A1 (Gain): 0.061934 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000011  
 Predicted MDL: 0.002855  
 Predicted MQL: 0.009517

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00079 | .000    | 1        |
| S1        | .02000       | .02248      | .002       | 12.4    | .00218 | .000    | 1        |
| S3        | 2.5000       | 2.5350      | .035       | 1.40    | .15778 | .000    | 1        |
| S4        | 5.0000       | 5.0061      | .006       | .122    | .31082 | .001    | 1        |
| S5        | 10.000       | 9.9564      | -.044      | -.436   | .61739 | .001    | 1        |

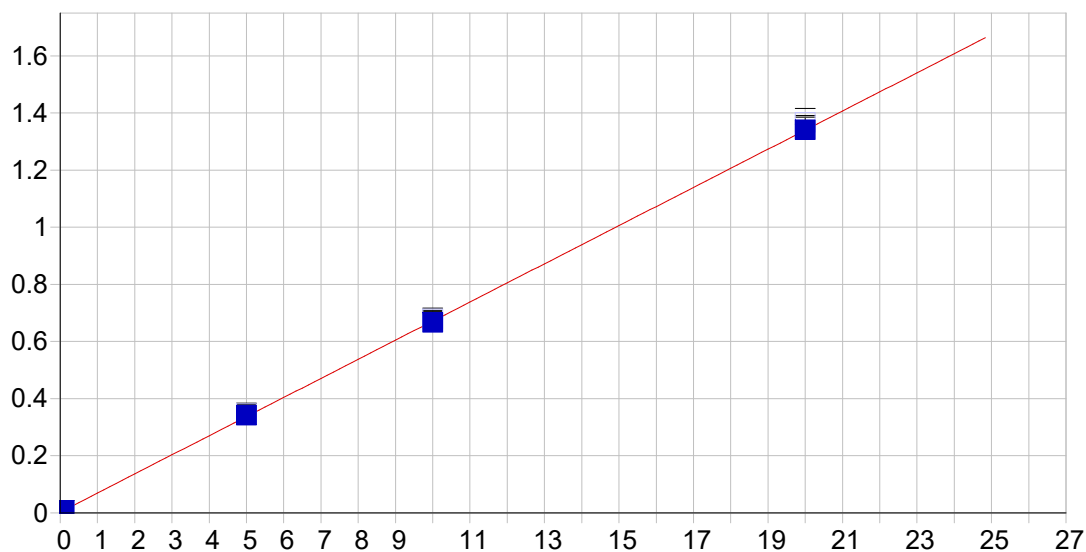


**Sb 206.833 {463}**

Date of Fit: 12/07/2019 15:15:50      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): 0.000375      Re-Slope: 1.000000  
 A1 (Gain): 0.128854      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999924      Status: OK.  
 Std Error of Est: 0.000061  
 Predicted MDL: 0.001783  
 Predicted MQL: 0.005942

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00037 | .000    | 1        |
| S1        | .05000       | .05325      | .003       | 6.50    | .00722 | .000    | 1        |
| S3        | 2.5000       | 2.5716      | .072       | 2.86    | .33170 | .001    | 1        |
| S4        | 5.0000       | 4.9880      | -.012      | -.240   | .64304 | .001    | 1        |
| S5        | 10.000       | 9.9372      | -.063      | -.628   | 1.2807 | .000    | 1        |

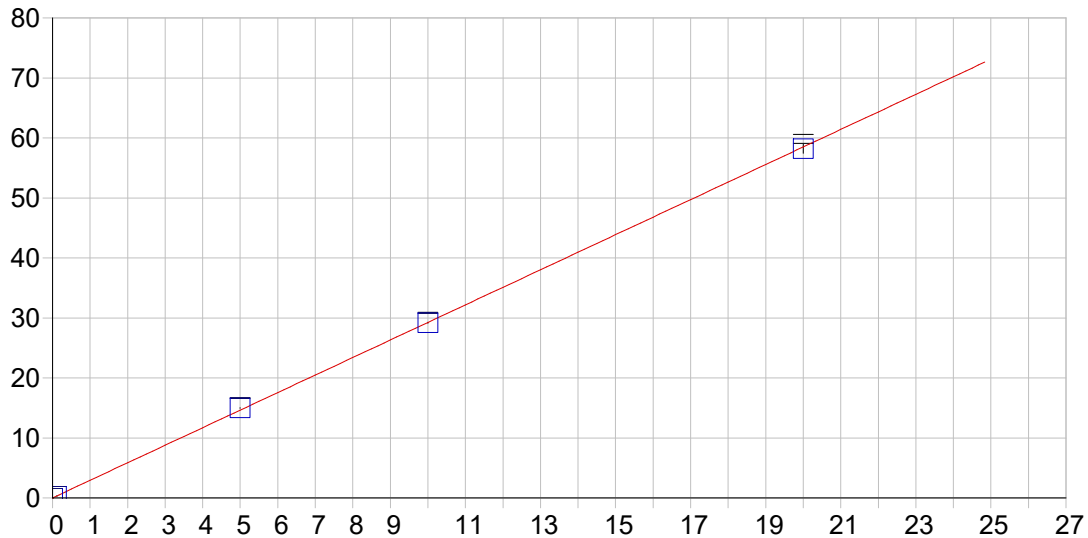


**AI 396.152 { 85}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002862 Re-Slope: 1.000000  
 A1 (Gain): 0.066866 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999976 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.012713  
 Predicted MQL: 0.042377

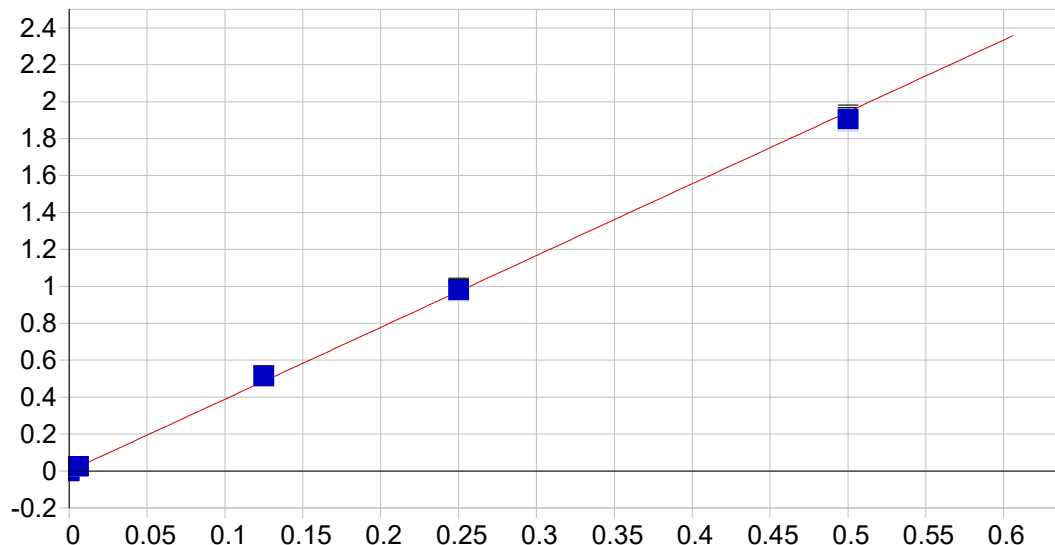
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00286 | .001    | 1        |
| S1        | .10000       | .09570      | -.004      | -4.30   | .00976 | .000    | 1        |
| S3        | 5.0000       | 5.0659      | .066       | 1.32    | .34781 | .002    | 1        |
| S4        | 10.000       | 9.9189      | -.081      | -.811   | .67853 | .004    | 1        |
| S5        | 20.000       | 20.020      | .020       | .099    | 1.3664 | .015    | 1        |

**Ba 493.409 { 68}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007002 Re-Slope: 1.000000  
 A1 (Gain): 2.924115 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999952 Status: OK.  
 Std Error of Est: 0.002196  
 Predicted MDL: 0.000665  
 Predicted MQL: 0.002217

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00699 | .001    | 1        |
| S1        | .10000       | .10135      | .001       | 1.35    | .30337 | .004    | 1        |
| S3        | 5.0000       | 5.1187      | .119       | 2.37    | 14.975 | .053    | 1        |
| S4        | 10.000       | 9.9816      | -.018      | -.184   | 29.194 | .080    | 1        |
| S5        | 20.000       | 19.898      | -.102      | -.508   | 58.192 | .754    | 1        |

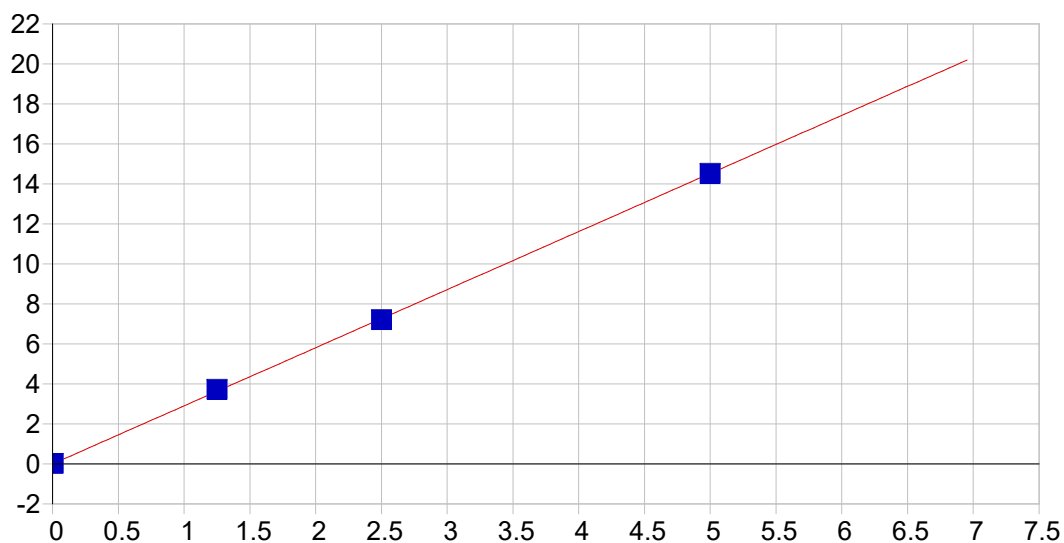


**Be 234.861 {144}**

Date of Fit: 12/07/2019 15:15:50      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000596      Re-Slope: 1.000000  
 A1 (Gain): 3.890993      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999608      Status: OK.  
 Std Error of Est: 0.000321  
 Predicted MDL: 0.000079  
 Predicted MQL: 0.000265

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00060 | .000    | 1        |
| S1        | .00600       | .00658      | .001       | 9.71    | .02475  | .000    | 1        |
| S3        | .12500       | .13217      | .007       | 5.74    | .51042  | .002    | 1        |
| S4        | .25000       | .25214      | .002       | .858    | .97396  | .009    | 1        |
| S5        | .50000       | .49010      | -.010      | -1.98   | 1.8933  | .021    | 1        |

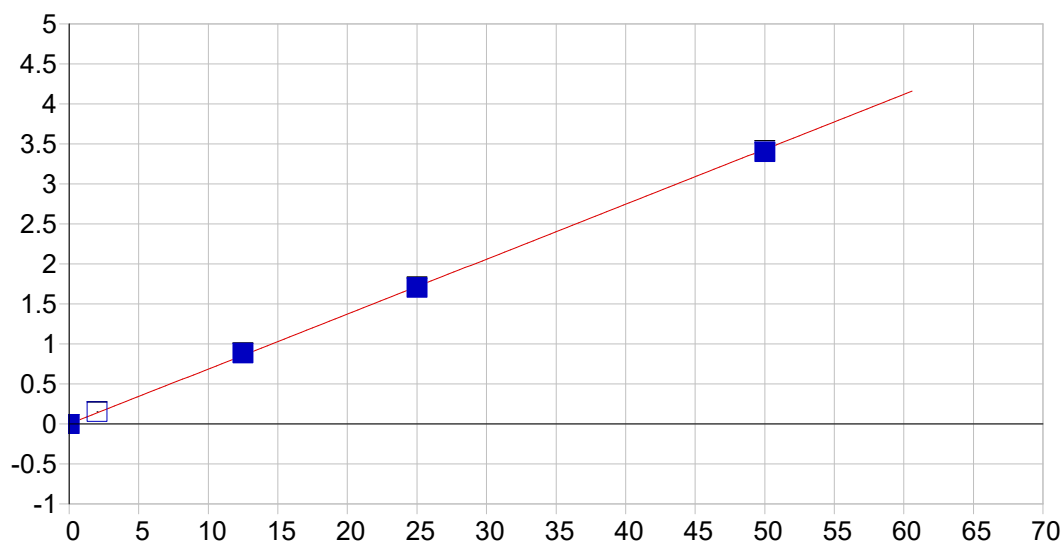


### Cd 214.438 {457}

Date of Fit: 12/07/2019 15:15:50      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000175      Re-Slope: 1.000000  
 A1 (Gain): 2.904533      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999953      Status: OK.  
 Std Error of Est: 0.000263  
 Predicted MDL: 0.000082  
 Predicted MQL: 0.000274

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00018 | .000    | 1        |
| S1        | .00600       | .00627      | .000       | 4.58    | .01806  | .000    | 1        |
| S3        | 1.2500       | 1.2773      | .027       | 2.18    | 3.7100  | .012    | 1        |
| S4        | 2.5000       | 2.4772      | -.023      | -.914   | 7.1952  | .008    | 1        |
| S5        | 5.0000       | 4.9953      | -.005      | -.095   | 14.510  | .018    | 1        |

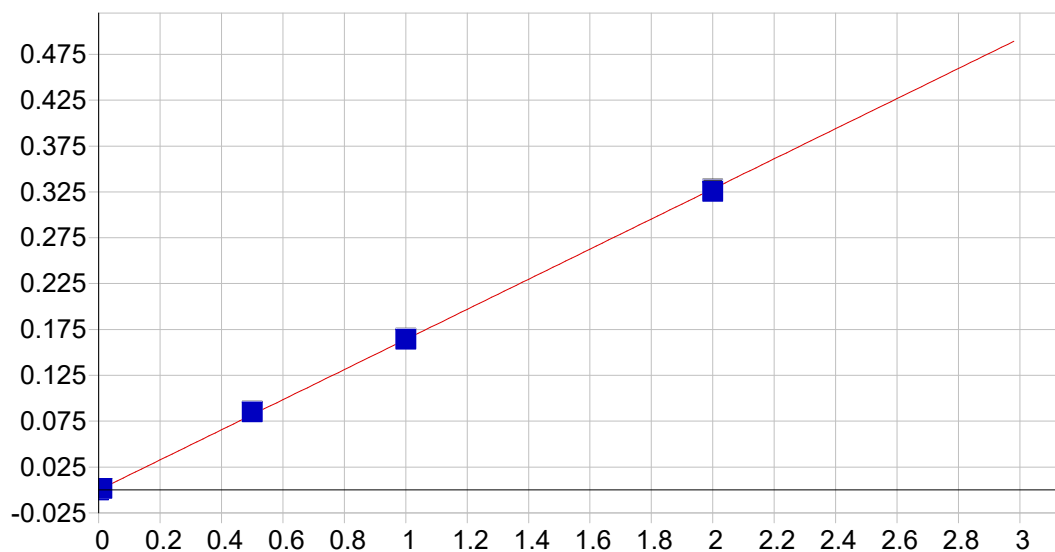


### Ca 373.690 { 90}

Date of Fit: 12/07/2019 15:15:50      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.000409      Re-Slope: 1.000000  
 A1 (Gain): 0.068657      Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999776      Status: OK.  
 Std Error of Est: 0.000793  
 Predicted MDL: 0.011876  
 Predicted MQL: 0.039587

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00024     | -.000      | .000    | -.00043 | .000    | 1        |
| S2        | 2.0000       | 2.2117      | .212       | 10.6    | .15144  | .001    | 1        |
| S3        | 12.500       | 12.897      | .397       | 3.18    | .88474  | .003    | 1        |
| S4        | 25.000       | 24.835      | -.165      | -.661   | 1.7040  | .007    | 1        |
| S5        | 50.000       | 49.556      | -.444      | -.888   | 3.4006  | .015    | 1        |

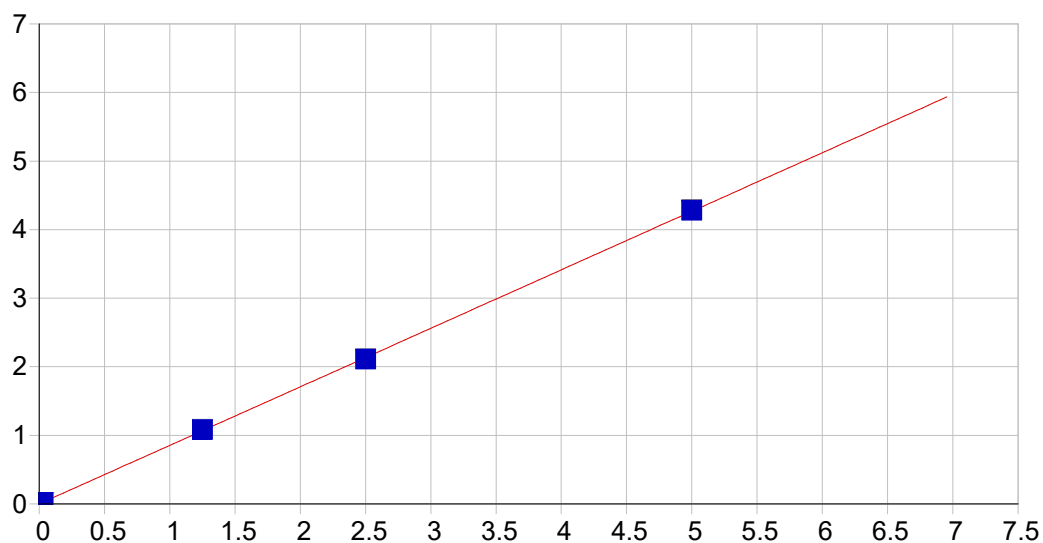


**Cr 267.716 {126}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000066 Re-Slope: 1.000000  
 A1 (Gain): 0.164175 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999878 Status: OK.  
 Std Error of Est: 0.000020  
 Predicted MDL: 0.000575  
 Predicted MQL: 0.001916

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00007 | .000    | 1        |
| S1        | .01000       | .01051      | .001       | 5.13    | .00168  | .000    | 1        |
| S3        | .50000       | .51822      | .018       | 3.64    | .08559  | .000    | 1        |
| S4        | 1.0000       | 1.0003      | .000       | .029    | .16531  | .000    | 1        |
| S5        | 2.0000       | 1.9810      | -.019      | -.951   | .32747  | .001    | 1        |



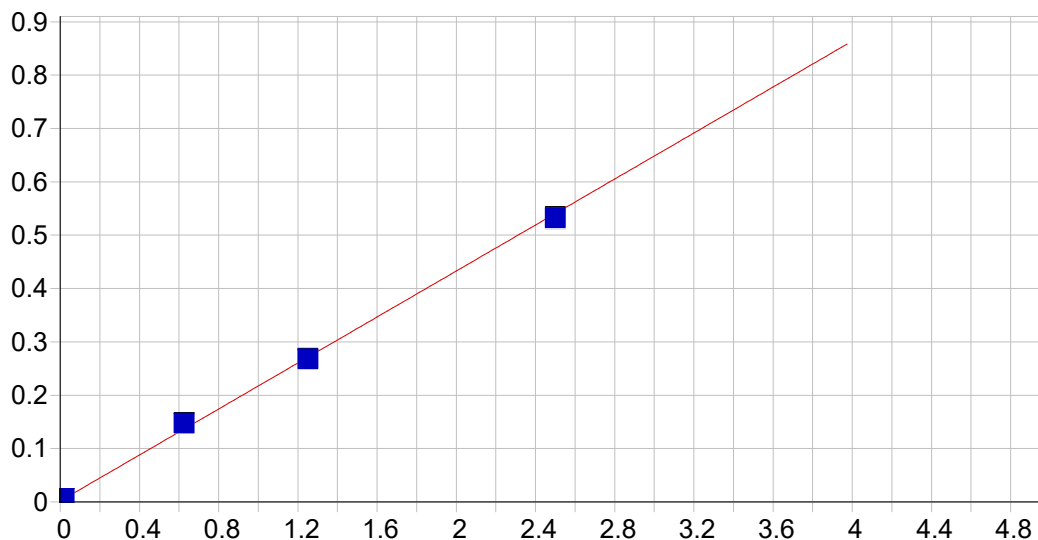


**Co 228.616 {448}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000344 Re-Slope: 1.000000  
 A1 (Gain): 0.853377 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999963 Status: OK.  
 Std Error of Est: 0.000154  
 Predicted MDL: 0.000270  
 Predicted MQL: 0.000900

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00034 | .000    | 1        |
| S1        | .03000       | .03104      | .001       | 3.48    | .02675 | .000    | 1        |
| S3        | 1.2500       | 1.2666      | .017       | 1.33    | 1.0834 | .003    | 1        |
| S4        | 2.5000       | 2.4697      | -.030      | -1.21   | 2.1124 | .004    | 1        |
| S5        | 5.0000       | 5.0127      | .013       | .254    | 4.2870 | .007    | 1        |

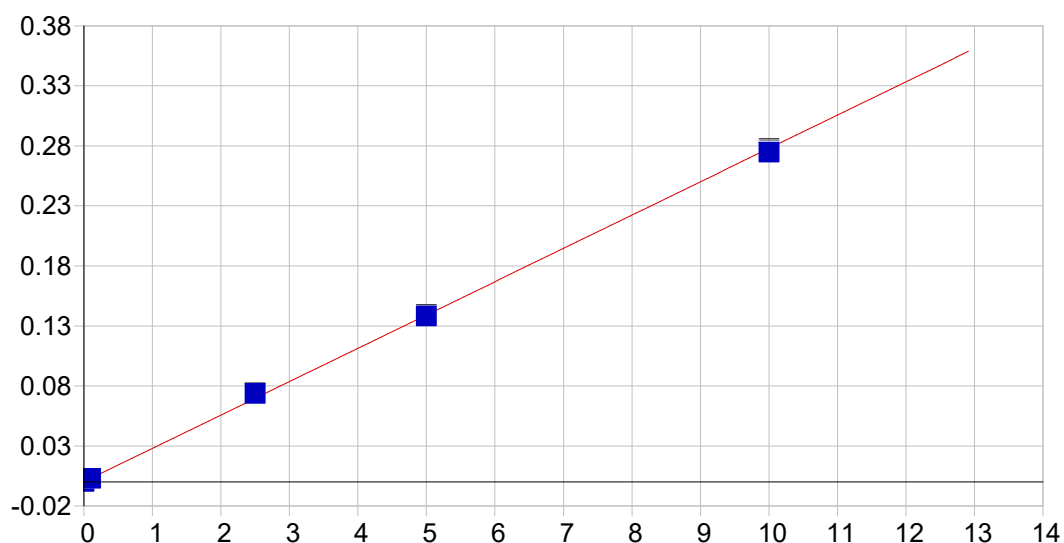


**Cu 324.754 {104}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001811 Re-Slope: 1.000000  
 A1 (Gain): 0.215540 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999408 Status: OK.  
 Std Error of Est: 0.000089  
 Predicted MDL: 0.002509  
 Predicted MQL: 0.008362

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00181 | .000    | 1        |
| S1        | .02000       | .02101      | .001       | 5.07    | .00634 | .000    | 1        |
| S3        | .62500       | .67708      | .052       | 8.33    | .14704 | .001    | 1        |
| S4        | 1.2500       | 1.2350      | -.015      | -1.20   | .26659 | .001    | 1        |
| S5        | 2.5000       | 2.4619      | -.038      | -1.52   | .52962 | .003    | 1        |

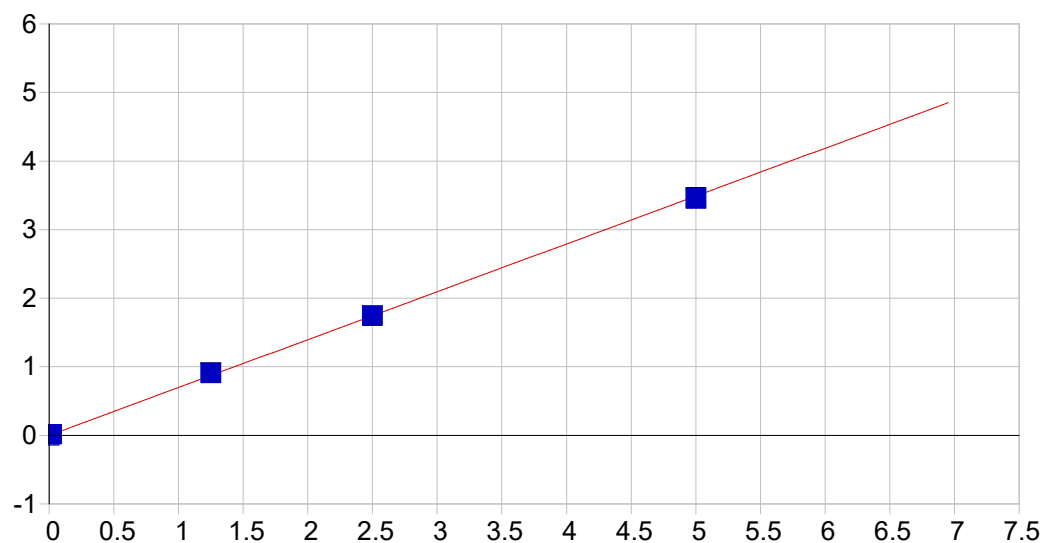


### Fe 259.837 {130}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000187 Re-Slope: 1.000000  
 A1 (Gain): 0.027772 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999737 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.008995  
 Predicted MQL: 0.029983

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00019 | .000    | 1        |
| S1        | .10000       | .10322      | .003       | 3.22    | .00306 | .000    | 1        |
| S3        | 2.5000       | 2.6394      | .139       | 5.58    | .07383 | .000    | 1        |
| S4        | 5.0000       | 4.9712      | -.029      | -.576   | .13893 | .000    | 1        |
| S5        | 10.000       | 9.8862      | -.114      | -1.14   | .27611 | .001    | 1        |

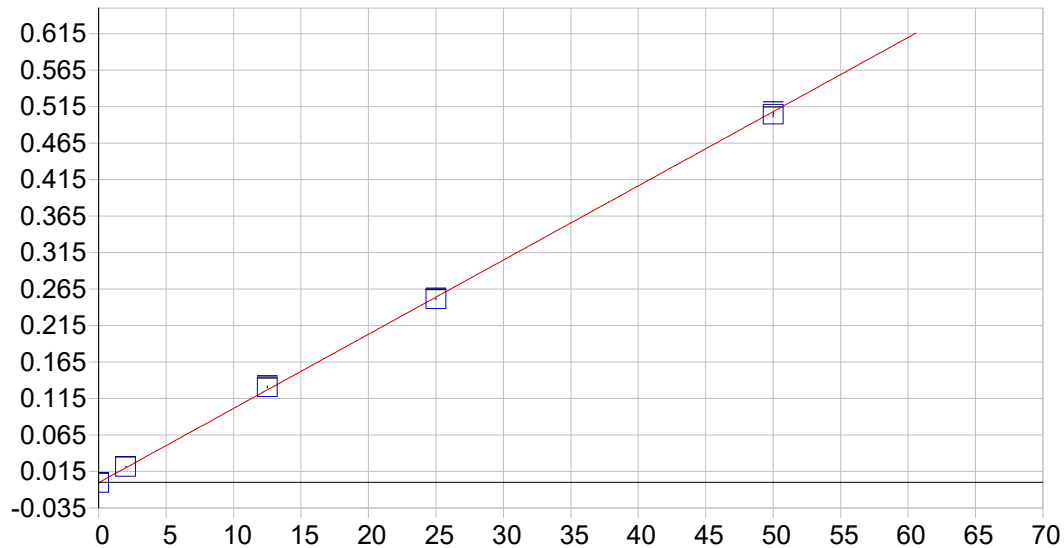


**Mn 257.610 {131}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000105 Re-Slope: 1.000000  
 A1 (Gain): 0.697777 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999828 Status: OK.  
 Std Error of Est: 0.000221  
 Predicted MDL: 0.000414  
 Predicted MQL: 0.001379

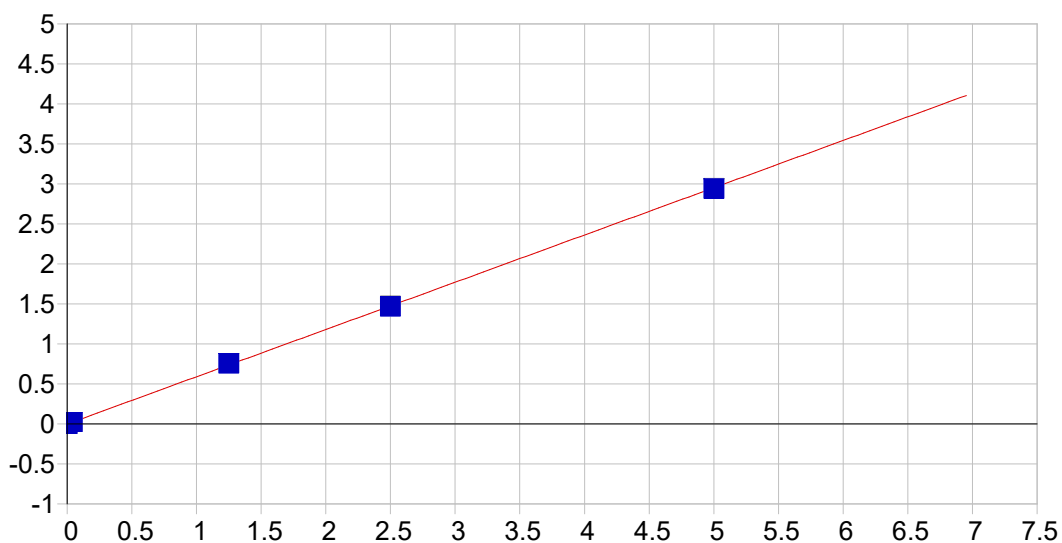
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00010 | .000    | 1        |
| S1        | .02000       | .02253      | .003       | 12.7    | .01583 | .000    | 1        |
| S3        | 1.2500       | 1.3018      | .052       | 4.14    | .90860 | .005    | 1        |
| S4        | 2.5000       | 2.4979      | -.002      | -.084   | 1.7434 | .004    | 1        |
| S5        | 5.0000       | 4.9478      | -.052      | -1.04   | 3.4532 | .013    | 1        |

**Mg 279.079 {121}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000398 Re-Slope: 1.000000  
 A1 (Gain): 0.010169 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999820 Status: OK.  
 Std Error of Est: 0.000105  
 Predicted MDL: 0.029733  
 Predicted MQL: 0.099112

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00020     | -.000      | .000    | -.00040 | .000    | 1        |
| S2        | 2.0000       | 2.1652      | .165       | 8.26    | .02162  | .000    | 1        |
| S3        | 12.500       | 12.918      | .418       | 3.35    | .13097  | .001    | 1        |
| S4        | 25.000       | 24.774      | -.226      | -.904   | .25152  | .001    | 1        |
| S5        | 50.000       | 49.642      | -.358      | -.716   | .50440  | .003    | 1        |

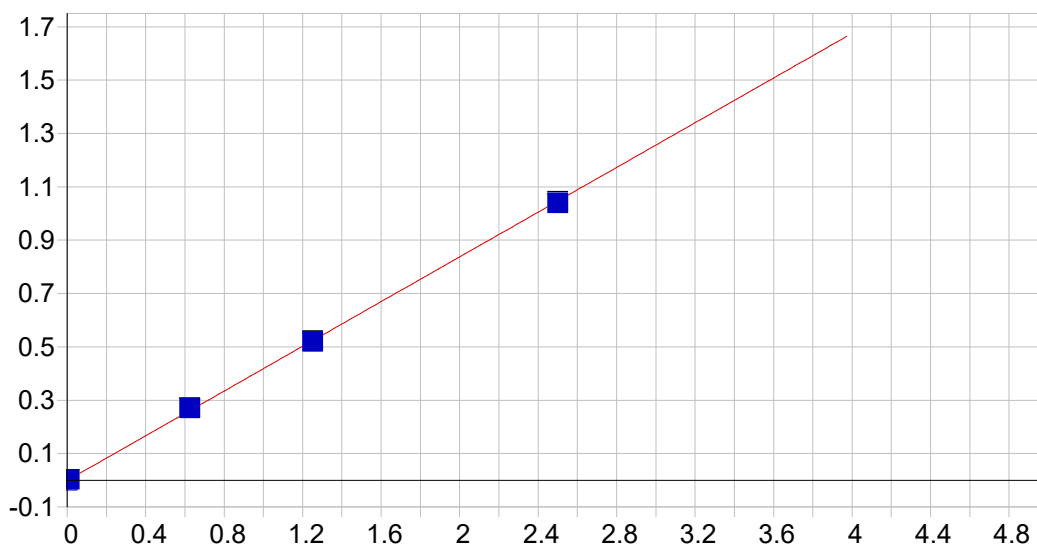


Ni 231.604 {446}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001270 Re-Slope: 1.000000  
 A1 (Gain): 0.590667 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999931 Status: OK.  
 Std Error of Est: 0.000168  
 Predicted MDL: 0.000449  
 Predicted MQL: 0.001498

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00127 | .000    | 1        |
| S1        | .04000       | .04307      | .003       | 7.68    | .02419  | .000    | 1        |
| S3        | 1.2500       | 1.2819      | .032       | 2.55    | .75663  | .001    | 1        |
| S4        | 2.5000       | 2.4873      | -.013      | -.506   | 1.4693  | .002    | 1        |
| S5        | 5.0000       | 4.9777      | -.022      | -.447   | 2.9417  | .003    | 1        |

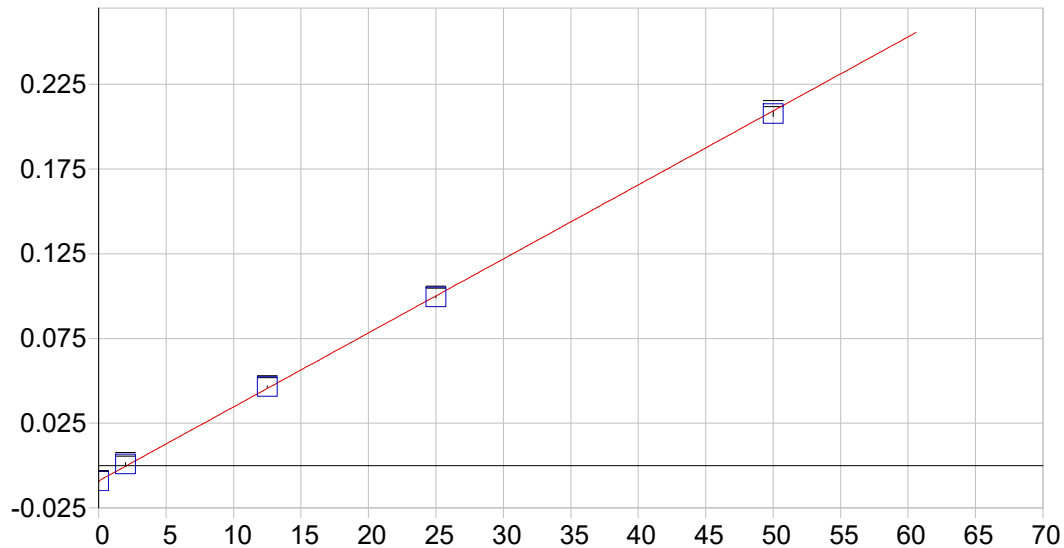


**Ag 328.068 {103}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000908 Re-Slope: 1.000000  
A1 (Gain): 0.419136 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999880 Status: OK.  
Std Error of Est: 0.000055  
Predicted MDL: 0.000461  
Predicted MQL: 0.001536

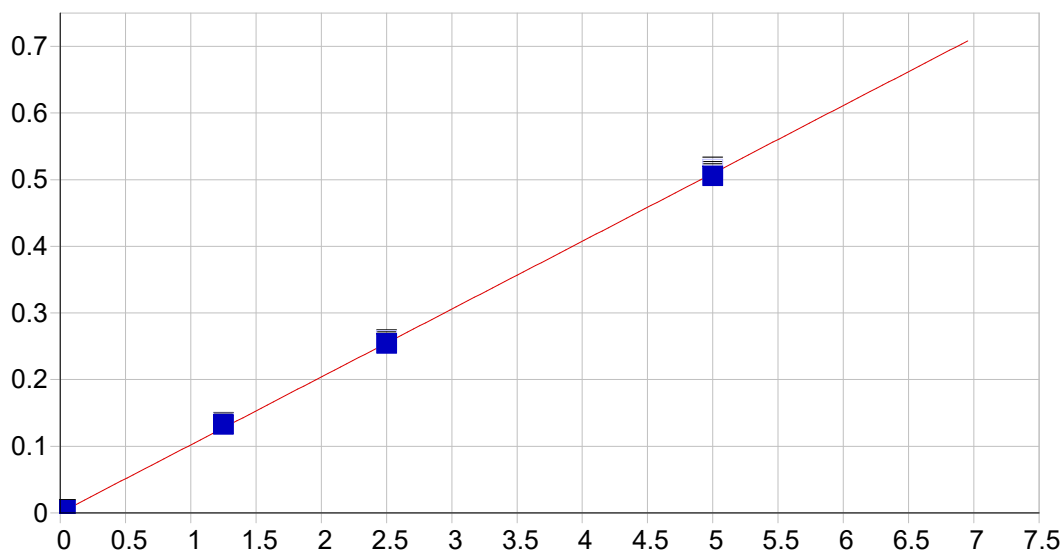
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00091 | .000    | 1        |
| S1        | .01000       | .01073      | .001       | 7.29    | .00358  | .000    | 1        |
| S3        | .62500       | .64796      | .023       | 3.67    | .27045  | .002    | 1        |
| S4        | 1.2500       | 1.2431      | -.007      | -.554   | .51965  | .002    | 1        |
| S5        | 2.5000       | 2.4832      | -.017      | -.670   | 1.0390  | .006    | 1        |

**Na 818.326 {41}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.009092 Re-Slope: 1.000000  
A1 (Gain): 0.004368 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999756 Status: OK.  
Std Error of Est: 0.000053  
Predicted MDL: 0.321431  
Predicted MQL: 1.071437

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00028     | -.000      | .000    | -.00909 | .000    | 1        |
| S2        | 2.0000       | 2.2666      | .267       | 13.3    | .00081  | .001    | 1        |
| S3        | 12.500       | 12.739      | .239       | 1.91    | .04655  | .000    | 1        |
| S4        | 25.000       | 24.861      | -.139      | -.558   | .09950  | .001    | 1        |
| S5        | 50.000       | 49.634      | -.366      | -.732   | .20771  | .002    | 1        |

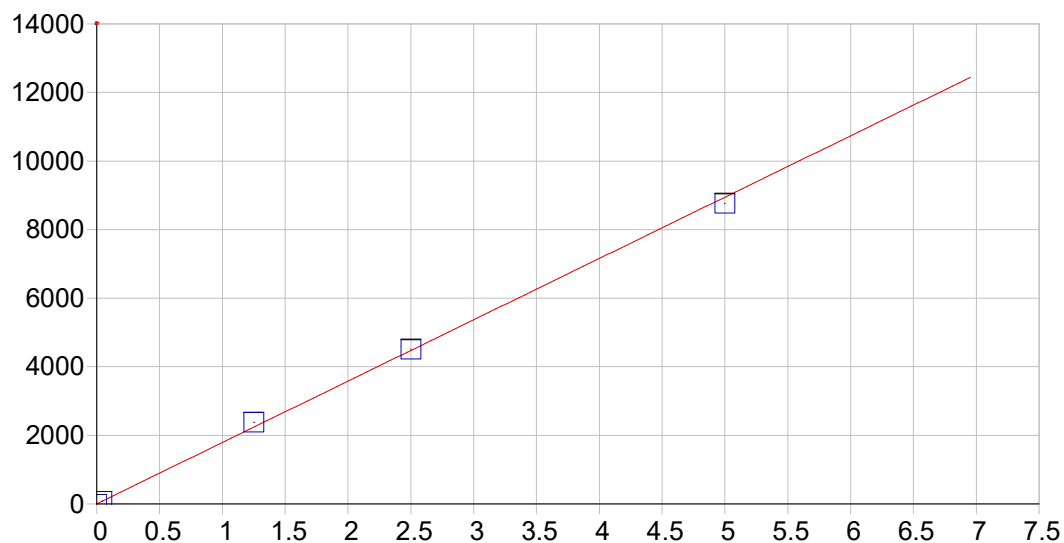


V 292.402 {115}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000283 Re-Slope: 1.000000  
 A1 (Gain): 0.101830 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999884 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.003408  
 Predicted MQL: 0.011361

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00028 | .000    | 1        |
| S1        | .04000       | .03869      | -.001      | -3.28   | .00443 | .000    | 1        |
| S3        | 1.2500       | 1.2971      | .047       | 3.77    | .13490 | .001    | 1        |
| S4        | 2.5000       | 2.4910      | -.009      | -.360   | .25901 | .001    | 1        |
| S5        | 5.0000       | 4.9632      | -.037      | -.735   | .51583 | .003    | 1        |

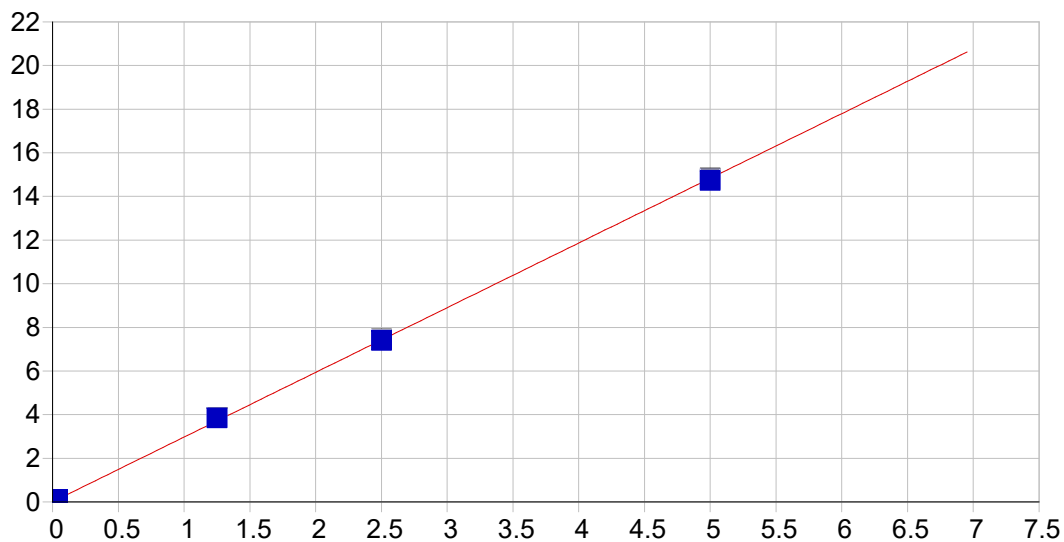


**Zn 206.200 {464}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3.495813 Re-Slope: 1.000000  
 A1 (Gain): 1788.799282 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999550 Status: OK.  
 Std Error of Est: 1.299321  
 Predicted MDL: 0.000313  
 Predicted MQL: 0.001044

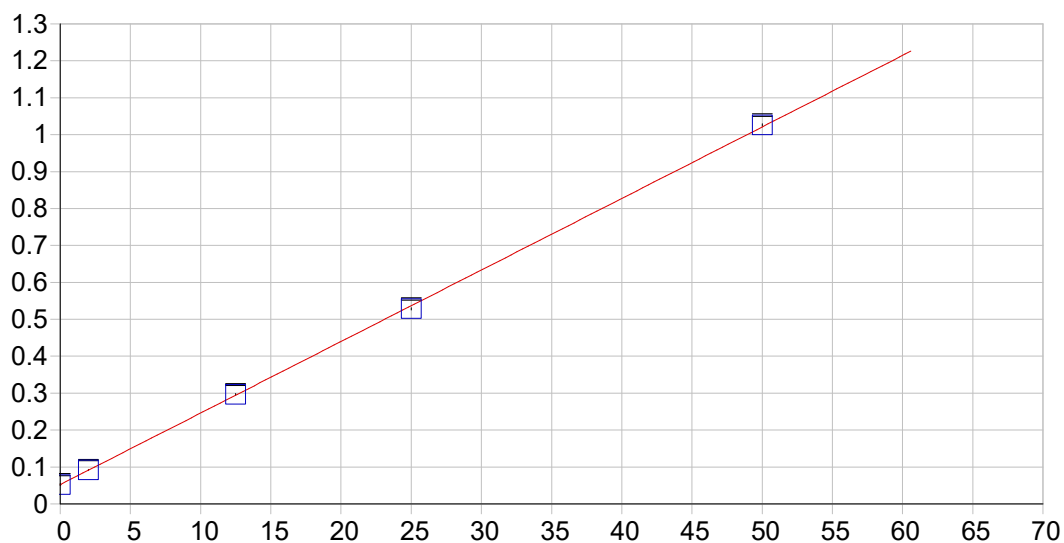
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | 3.4818 | .398    | 1        |
| S1        | .04000       | .04589      | .006       | 14.7    | 85.586 | 1.04    | 1        |
| S3        | 1.2500       | 1.3273      | .077       | 6.18    | 2377.8 | 2.00    | 1        |
| S4        | 2.5000       | 2.5197      | .020       | .788    | 4510.7 | 7.76    | 1        |
| S5        | 5.0000       | 4.8971      | -.103      | -2.06   | 8763.4 | 6.36    | 1        |

**Zn 213.856 {158}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006483 Re-Slope: 1.000000  
 A1 (Gain): 2.965021 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999890 Status: OK.  
 Std Error of Est: 0.001069  
 Predicted MDL: 0.000343  
 Predicted MQL: 0.001143

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00647 | .001    | 1        |
| S1        | .04000       | .04269      | .003       | 6.72    | .13373 | .001    | 1        |
| S3        | 1.2500       | 1.2927      | .043       | 3.42    | 3.8603 | .006    | 1        |
| S4        | 2.5000       | 2.4926      | -.007      | -.294   | 7.4390 | .025    | 1        |
| S5        | 5.0000       | 4.9620      | -.038      | -.761   | 14.802 | .035    | 1        |

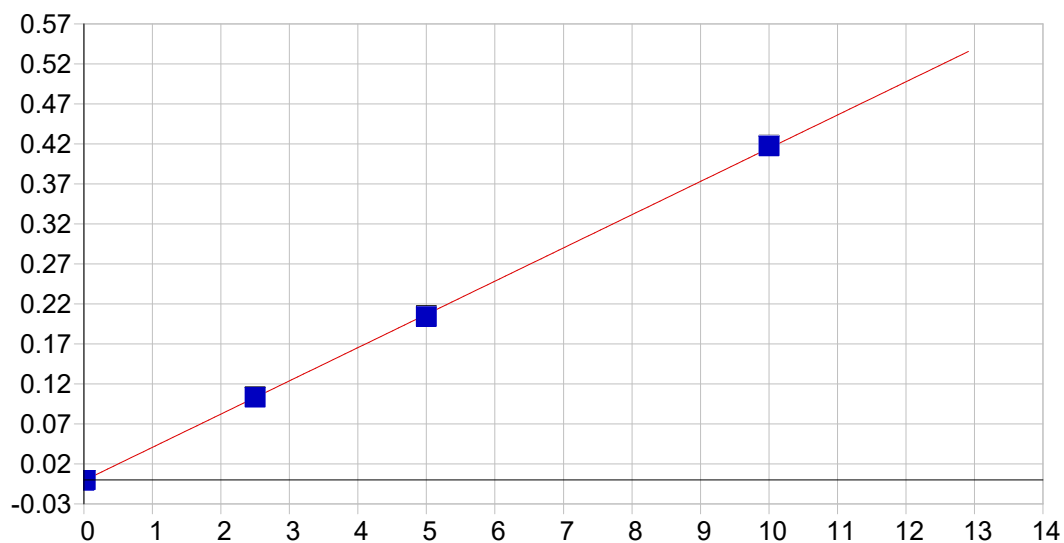


K 769.896 { 44}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.052371 Re-Slope: 1.000000  
 A1 (Gain): 0.019371 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999942 Status: OK.  
 Std Error of Est: 0.000114  
 Predicted MDL: 0.075263  
 Predicted MQL: 0.250877

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .05237 | .003    | 1        |
| S2        | 2.0000       | 2.0438      | .044       | 2.19    | .09196 | .002    | 1        |
| S3        | 12.500       | 12.602      | .102       | .812    | .29647 | .002    | 1        |
| S4        | 25.000       | 24.580      | -.420      | -1.68   | .52851 | .003    | 1        |
| S5        | 50.000       | 50.274      | .274       | .549    | 1.0262 | .004    | 1        |



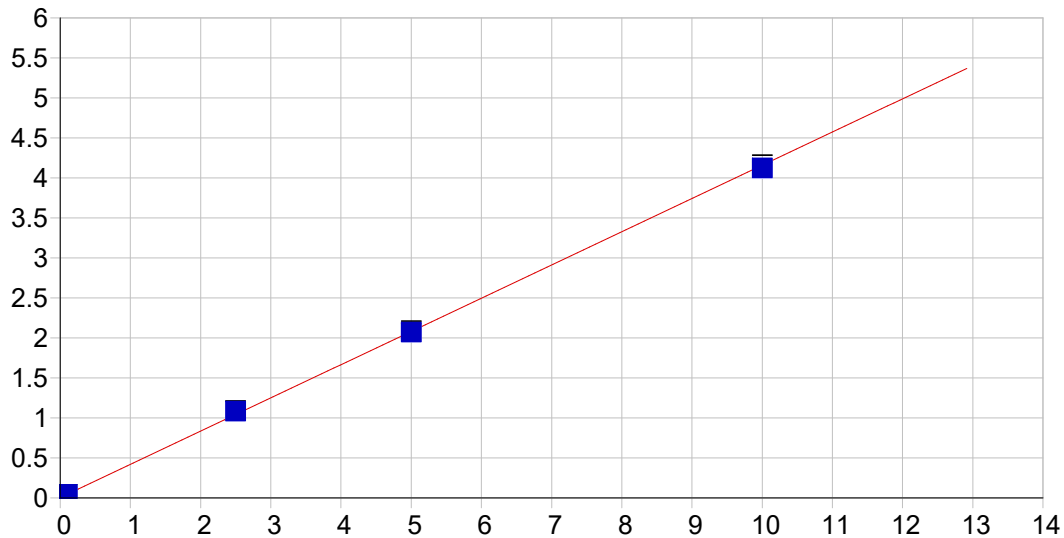


**P 177.495 {490}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000834 Re-Slope: 1.000000  
 A1 (Gain): 0.041539 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999958 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.002707  
 Predicted MQL: 0.009022

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00083 | .000    | 1        |
| S1        | .02000       | .02182      | .002       | 9.11    | .00008  | .000    | 1        |
| S3        | 2.5000       | 2.5023      | .002       | .092    | .10335  | .000    | 1        |
| S4        | 5.0000       | 4.9330      | -.067      | -1.34   | .20455  | .001    | 1        |
| S5        | 10.000       | 10.063      | .063       | .629    | .41812  | .000    | 1        |

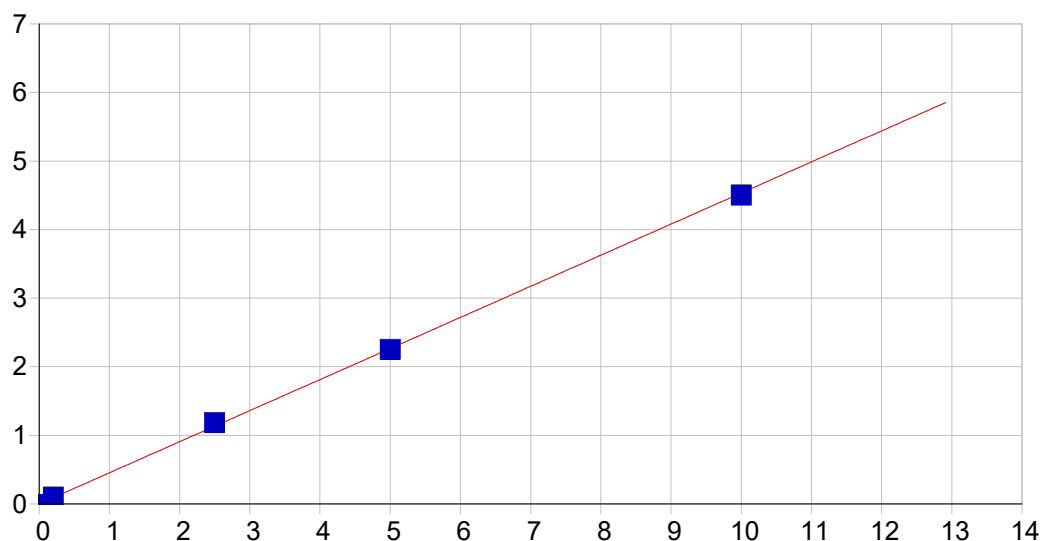


**B 249.678 {135}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002264 Re-Slope: 1.000000  
 A1 (Gain): 0.415564 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999856 Status: OK.  
 Std Error of Est: 0.000381  
 Predicted MDL: 0.001003  
 Predicted MQL: 0.003342

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00226 | .000    | 1        |
| S1        | .10000       | .10114      | .001       | 1.14    | .04413 | .000    | 1        |
| S3        | 2.5000       | 2.6031      | .103       | 4.13    | 1.0817 | .005    | 1        |
| S4        | 5.0000       | 4.9803      | -.020      | -.394   | 2.0672 | .015    | 1        |
| S5        | 10.000       | 9.9154      | -.085      | -.846   | 4.1133 | .041    | 1        |

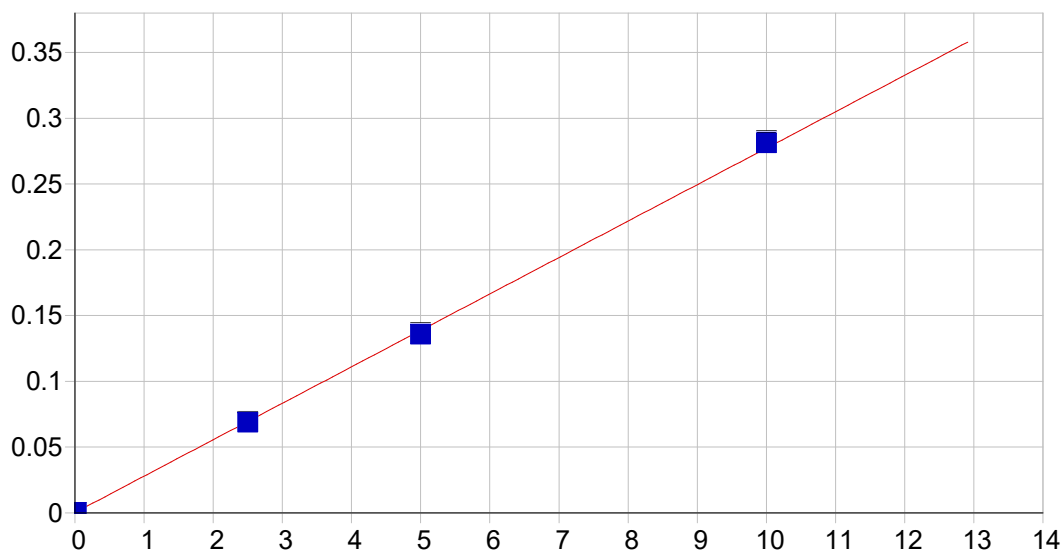


### Mo 202.030 {467}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000346 Re-Slope: 1.000000  
 A1 (Gain): 0.453316 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999841 Status: OK.  
 Std Error of Est: 0.000622  
 Predicted MDL: 0.000391  
 Predicted MQL: 0.001304

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | -.000      | .000    | .00034 | .000    | 1        |
| S1        | .20000       | .21037      | .010       | 5.19    | .09572 | .001    | 1        |
| S3        | 2.5000       | 2.6031      | .103       | 4.12    | 1.1806 | .003    | 1        |
| S4        | 5.0000       | 4.9632      | -.037      | -.736   | 2.2507 | .004    | 1        |
| S5        | 10.000       | 9.9234      | -.077      | -.766   | 4.4998 | .006    | 1        |

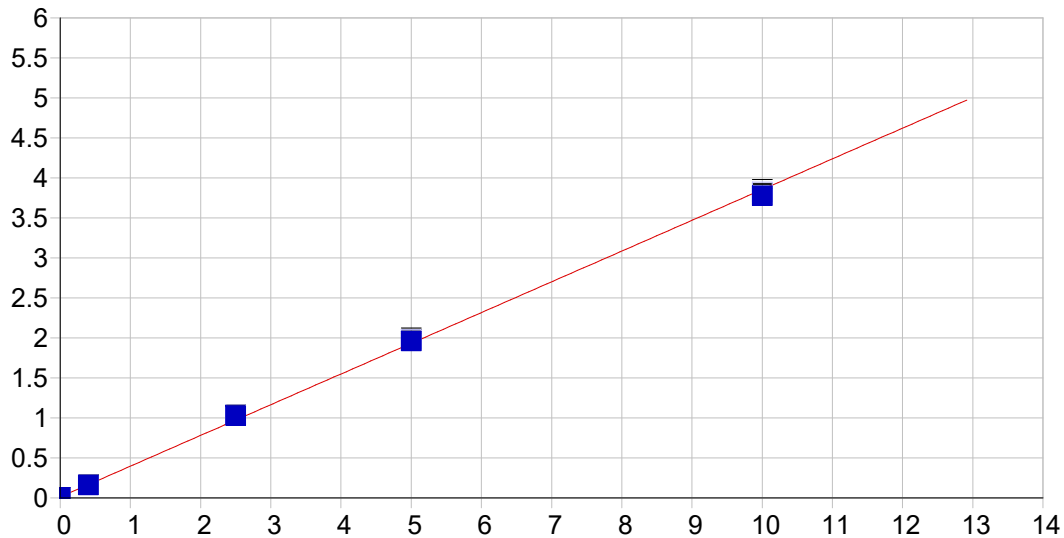


**S 182.034 {485}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000246 Re-Slope: 1.000000  
A1 (Gain): 0.027701 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999850 Status: OK.  
Std Error of Est: 0.000012  
Predicted MDL: 0.004517  
Predicted MQL: 0.015058

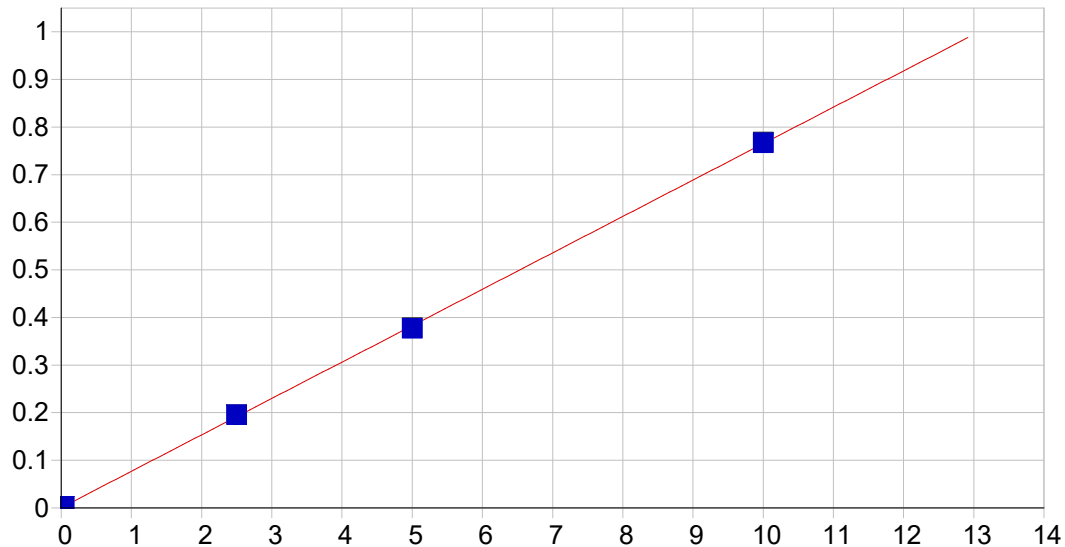
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00025 | .000    | 1        |
| S1        | .02000       | .01645      | -.004      | -17.8   | .00069 | .000    | 1        |
| S3        | 2.5000       | 2.4734      | -.027      | -1.06   | .06909 | .000    | 1        |
| S4        | 5.0000       | 4.8900      | -.110      | -2.20   | .13636 | .000    | 1        |
| S5        | 10.000       | 10.140      | .140       | 1.40    | .28244 | .001    | 1        |

**Si 251.611 {134}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012349 Re-Slope: 1.000000  
A1 (Gain): 0.384126 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999638 Status: OK.  
Std Error of Est: 0.001142  
Predicted MDL: 0.001092  
Predicted MQL: 0.003640

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .01235 | .001    | 1        |
| S1        | .40000       | .38851      | -.011      | -2.87   | .16232 | .000    | 1        |
| S3        | 2.5000       | 2.6427      | .143       | 5.71    | 1.0388 | .003    | 1        |
| S4        | 5.0000       | 5.0667      | .067       | 1.33    | 1.9812 | .021    | 1        |
| S5        | 10.000       | 9.8020      | -.198      | -1.98   | 3.8228 | .032    | 1        |

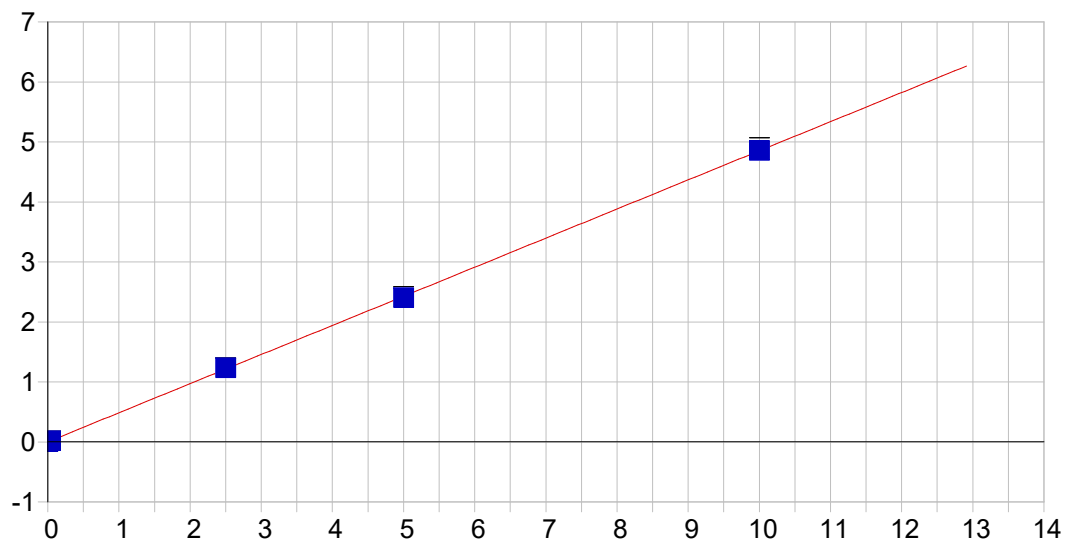


**Sn 189.989 {478}**

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000474 Re-Slope: 1.000000  
 A1 (Gain): 0.076465 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999932 Status: OK.  
 Std Error of Est: 0.000031  
 Predicted MDL: 0.001394  
 Predicted MQL: 0.004648

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00047 | .000    | 1        |
| S1        | .04000       | .03798      | -.002      | -5.04   | .00338 | .000    | 1        |
| S3        | 2.5000       | 2.5542      | .054       | 2.17    | .19563 | .000    | 1        |
| S4        | 5.0000       | 4.9267      | -.073      | -1.47   | .37689 | .001    | 1        |
| S5        | 10.000       | 10.021      | .021       | .212    | .76614 | .002    | 1        |

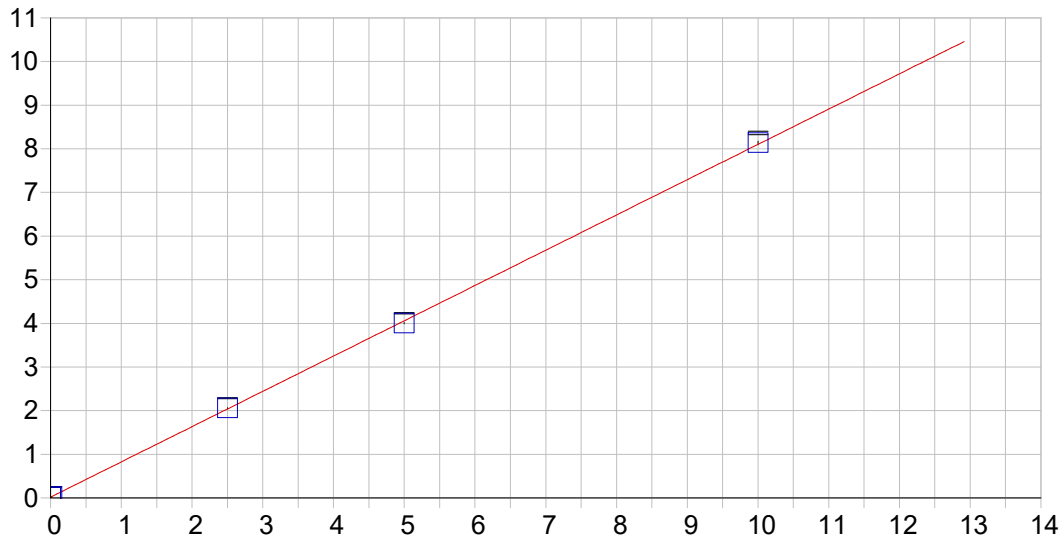


### TI 336.121 {100}

Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000538 Re-Slope: 1.000000  
 A1 (Gain): 0.485156 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999969 Status: OK.  
 Std Error of Est: 0.000130  
 Predicted MDL: 0.001226  
 Predicted MQL: 0.004088

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00054 | .001    | 1        |
| S1        | .04000       | .03858      | -.001      | -3.56   | .01924 | .001    | 1        |
| S3        | 2.5000       | 2.5391      | .039       | 1.56    | 1.2320 | .005    | 1        |
| S4        | 5.0000       | 4.9544      | -.046      | -.912   | 2.4034 | .018    | 1        |
| S5        | 10.000       | 10.008      | .008       | .080    | 4.8543 | .048    | 1        |

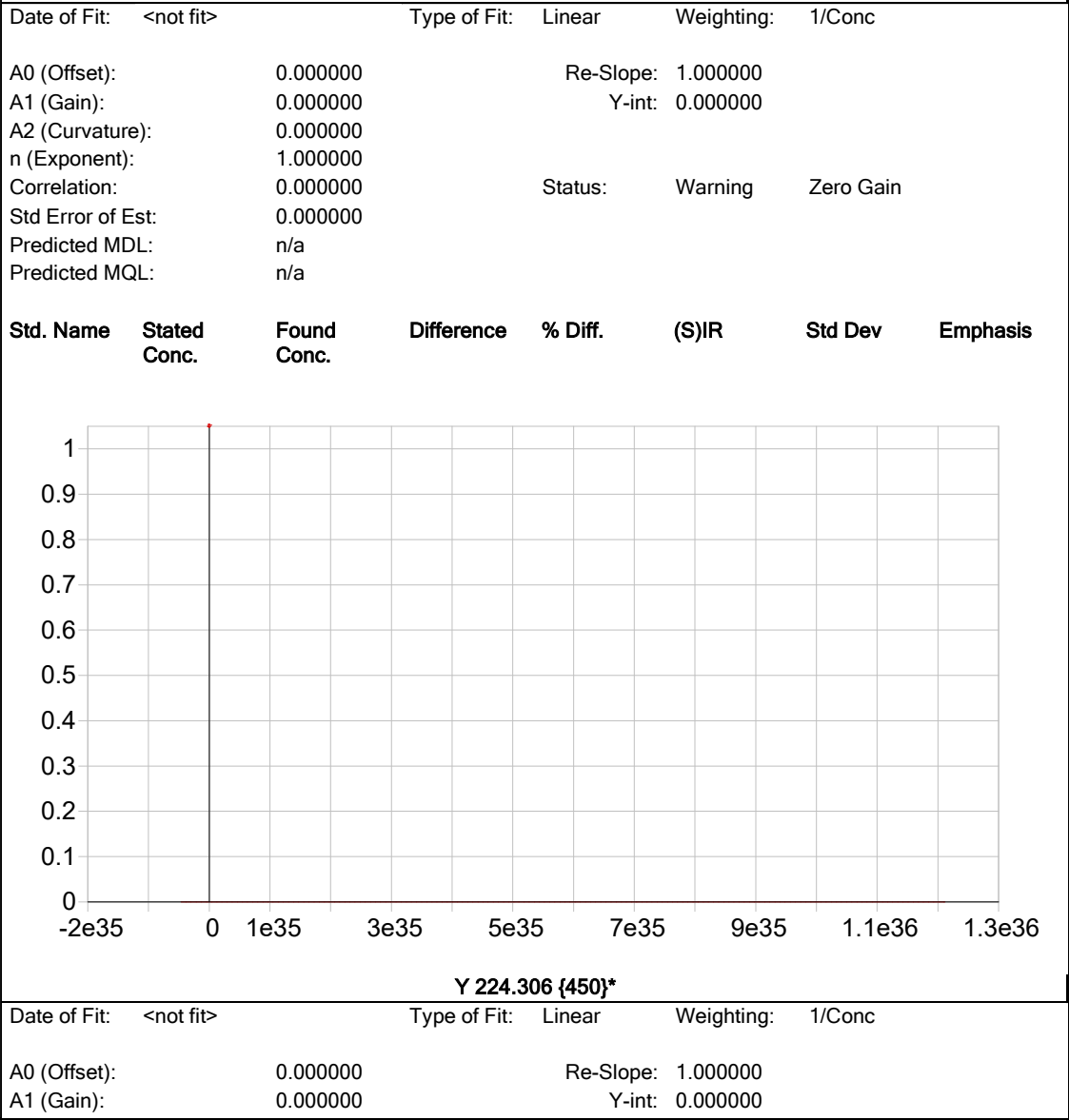
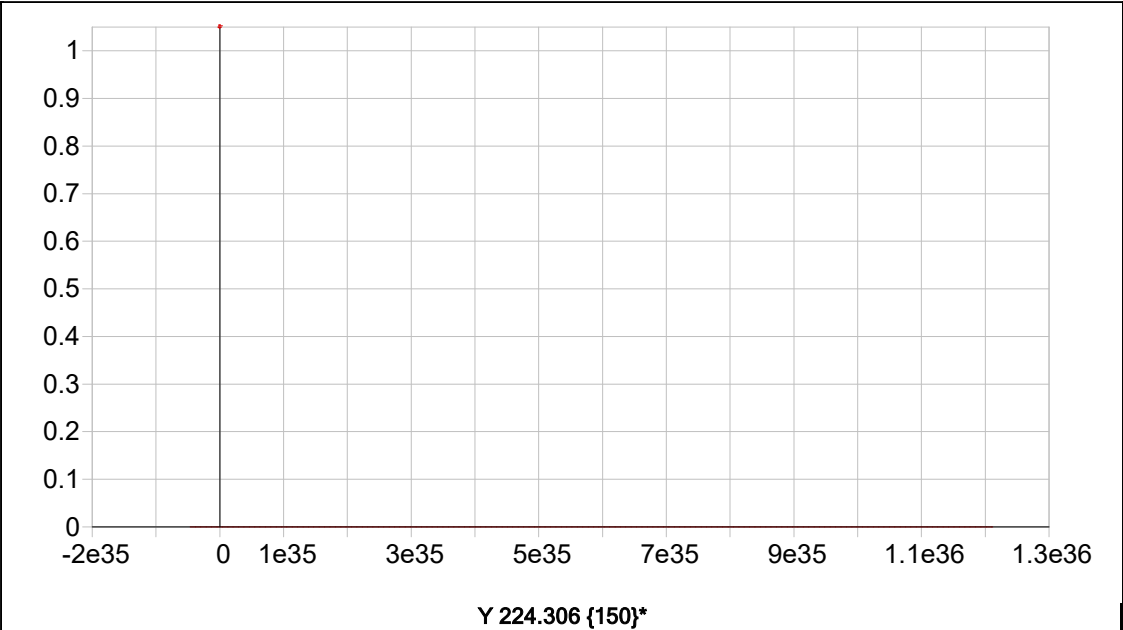


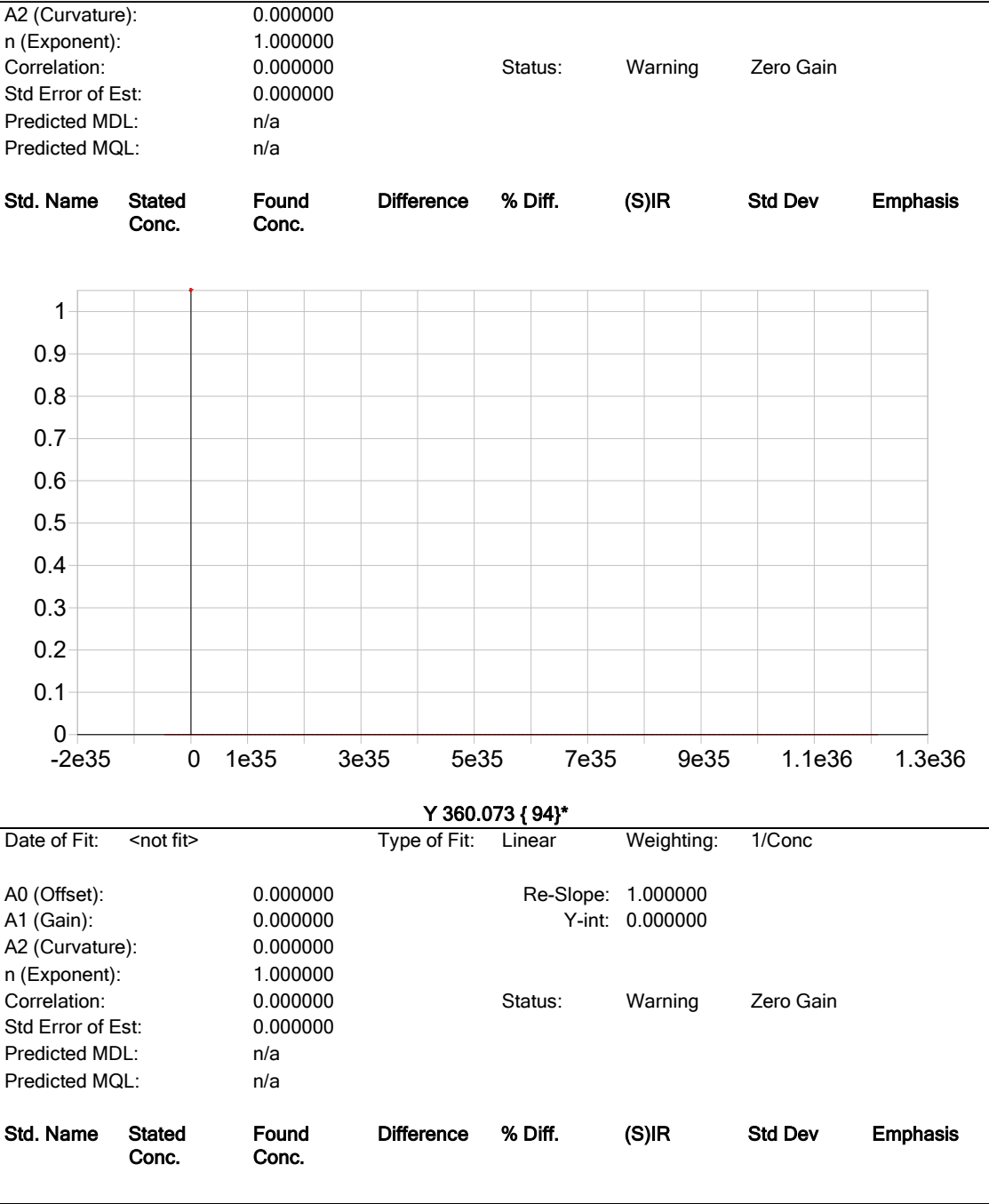
### LI 670.784 {50}

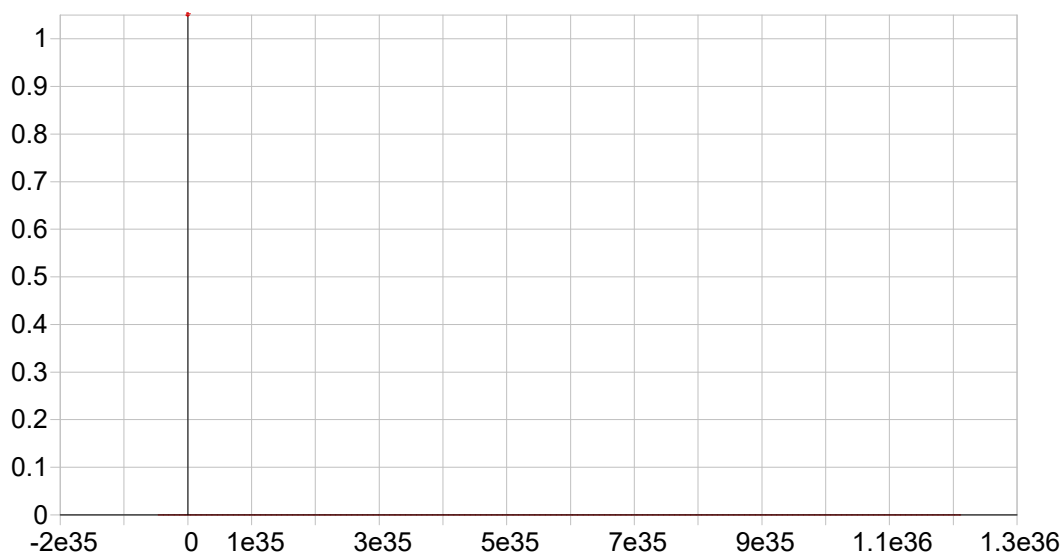
Date of Fit: 12/07/2019 15:15:50 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016816 Re-Slope: 1.000000  
 A1 (Gain): 0.808477 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999961 Status: OK.  
 Std Error of Est: 0.000173  
 Predicted MDL: 0.001898  
 Predicted MQL: 0.006328

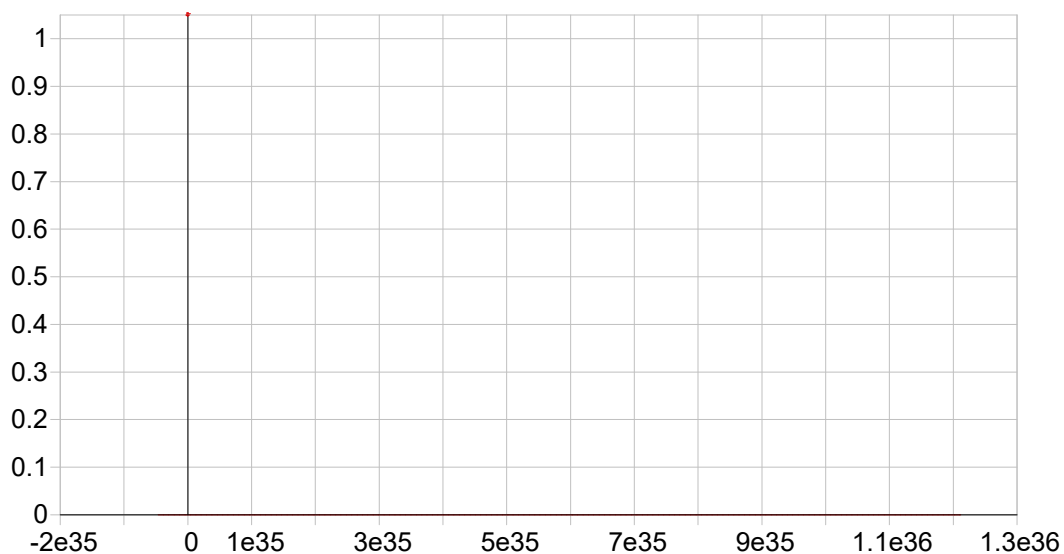
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01682 | .001    | 1        |
| S5        | 10.000       | 10.044      | .044       | .441    | 8.1372 | .038    | 1        |
| S4        | 5.0000       | 4.9331      | -.067      | -1.34   | 4.0051 | .017    | 1        |
| S3        | 2.5000       | 2.5239      | .024       | .955    | 2.0573 | .008    | 1        |
| S1        | .02000       | .01892      | -.001      | -5.41   | .03211 | .001    | 1        |



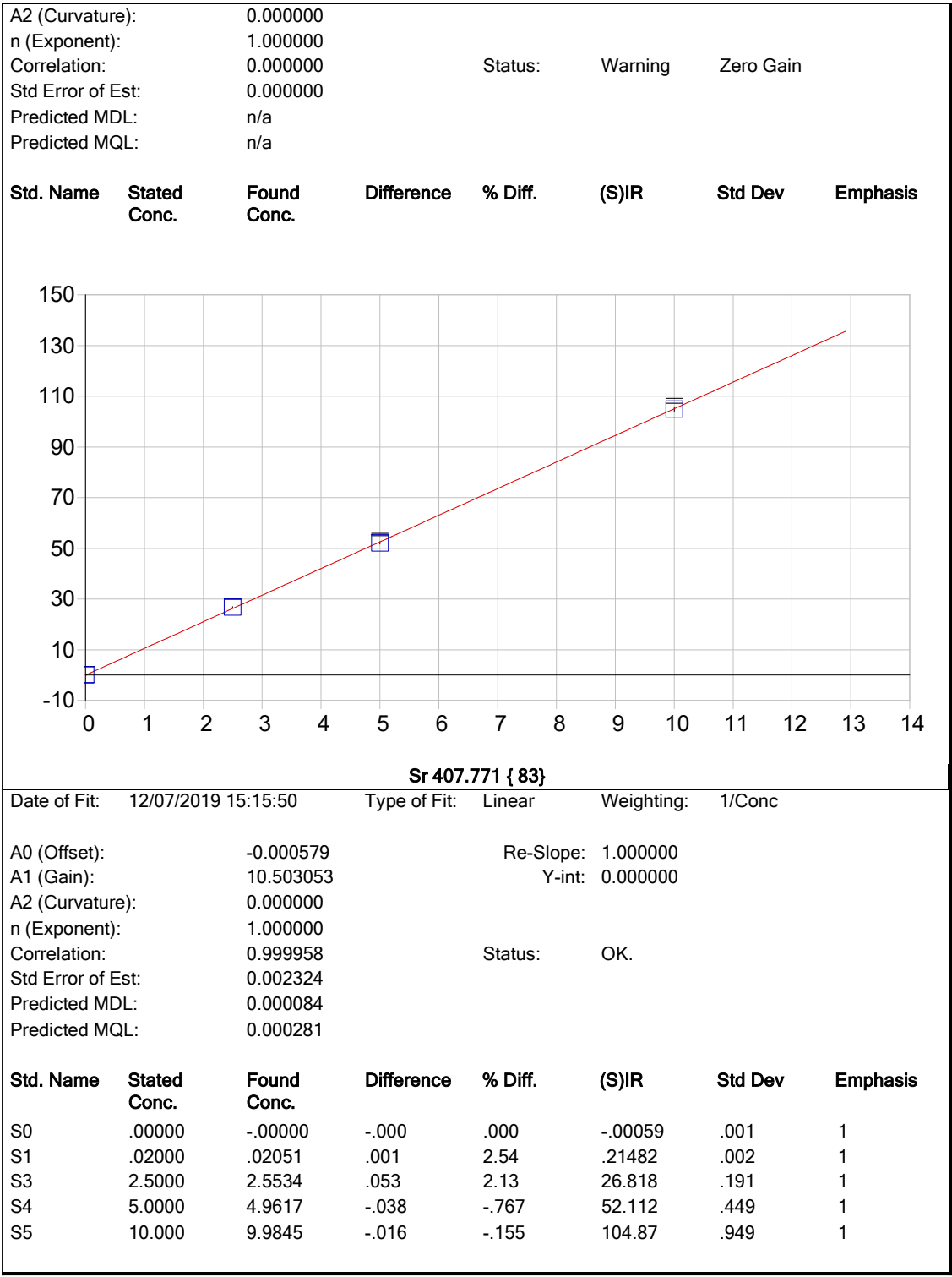




Y 371.030 { 91}\*







Sample Name: S0      Acquired: 12/07/2019 13:02:58      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                |                |               |               |               |               |               |                |
|--------|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | As1890         | Tl1908         | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348         |
| Units  | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>-.00031</b> | <b>-.00044</b> | <b>.00036</b> | <b>.00079</b> | <b>.00037</b> | <b>.00286</b> | <b>.00699</b> | <b>-.00060</b> |
| Stddev | .00007         | .00012         | .00007        | .00014        | .00015        | .00061        | .00123        | .00024         |
| %RSD   | 22.794         | 28.189         | 18.781        | 17.308        | 40.377        | 21.394        | 17.573        | 39.337         |

|    |                |                |               |               |               |               |               |                |
|----|----------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
| #1 | <b>-.00023</b> | <b>-.00035</b> | <b>.00029</b> | <b>.00065</b> | <b>.00031</b> | <b>.00356</b> | <b>.00671</b> | <b>-.00083</b> |
| #2 | <b>-.00034</b> | <b>-.00058</b> | <b>.00039</b> | <b>.00078</b> | <b>.00026</b> | <b>.00259</b> | <b>.00593</b> | <b>-.00061</b> |
| #3 | <b>-.00036</b> | <b>-.00039</b> | <b>.00042</b> | <b>.00092</b> | <b>.00055</b> | <b>.00243</b> | <b>.00834</b> | <b>-.00036</b> |

|        |                |                |                |               |               |               |               |                |
|--------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|
| Elem   | Cd2144         | Ca3736         | Cr2677         | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790         |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |
| Avg    | <b>-.00018</b> | <b>-.00043</b> | <b>-.00007</b> | <b>.00034</b> | <b>.00181</b> | <b>.00019</b> | <b>.00010</b> | <b>-.00040</b> |
| Stddev | .00027         | .00037         | .00006         | .00024        | .00032        | .00032        | .00014        | .00019         |
| %RSD   | 152.67         | 87.216         | 89.977         | 71.397        | 17.690        | 169.80        | 134.04        | 47.585         |

|    |                |                |                |               |               |                |                |                |
|----|----------------|----------------|----------------|---------------|---------------|----------------|----------------|----------------|
| #1 | <b>.00009</b>  | <b>-.00001</b> | <b>-.00003</b> | <b>.00020</b> | <b>.00198</b> | <b>.00041</b>  | <b>.00020</b>  | <b>-.00021</b> |
| #2 | <b>-.00017</b> | <b>-.00056</b> | <b>-.00004</b> | <b>.00020</b> | <b>.00144</b> | <b>-.00018</b> | <b>.00017</b>  | <b>-.00059</b> |
| #3 | <b>-.00045</b> | <b>-.00071</b> | <b>-.00013</b> | <b>.00063</b> | <b>.00201</b> | <b>.00032</b>  | <b>-.00006</b> | <b>-.00040</b> |

|        |                |                |                |               |               |               |                |               |
|--------|----------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|
| Elem   | Ni2316         | Ag3280         | Na8183         | V_2924        | Zn2138        | K_7698        | P_1774         | B_2496        |
| Units  | Cts/S          | Cts/S          | Cts/S          | Cts/S         | Cts/S         | Cts/S         | Cts/S          | Cts/S         |
| Avg    | <b>-.00127</b> | <b>-.00091</b> | <b>-.00909</b> | <b>.00028</b> | <b>.00647</b> | <b>.05237</b> | <b>-.00083</b> | <b>.00226</b> |
| Stddev | .00017         | .00013         | .00024         | .00015        | .00138        | .00270        | .00002         | .00044        |
| %RSD   | 13.200         | 14.502         | 2.6823         | 54.745        | 21.258        | 5.1646        | 2.9368         | 19.572        |

|    |                |                |                |               |               |               |                |               |
|----|----------------|----------------|----------------|---------------|---------------|---------------|----------------|---------------|
| #1 | <b>-.00146</b> | <b>-.00086</b> | <b>-.00890</b> | <b>.00028</b> | <b>.00787</b> | <b>.05510</b> | <b>-.00082</b> | <b>.00244</b> |
| #2 | <b>-.00122</b> | <b>-.00081</b> | <b>-.00937</b> | <b>.00044</b> | <b>.00512</b> | <b>.04969</b> | <b>-.00086</b> | <b>.00176</b> |
| #3 | <b>-.00114</b> | <b>-.00106</b> | <b>-.00901</b> | <b>.00013</b> | <b>.00643</b> | <b>.05232</b> | <b>-.00082</b> | <b>.00259</b> |

|        |               |               |               |               |               |               |                |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077         |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S          |  |
| Avg    | <b>.00034</b> | <b>.00025</b> | <b>.01235</b> | <b>.00047</b> | <b>.00054</b> | <b>.01682</b> | <b>-.00059</b> |  |
| Stddev | .00008        | .00008        | .00086        | .00004        | .00068        | .00110        | .00068         |  |
| %RSD   | 24.004        | 30.896        | 6.9823        | 7.4377        | 126.36        | 6.5180        | 116.39         |  |

|    |               |               |               |               |                |               |                |  |
|----|---------------|---------------|---------------|---------------|----------------|---------------|----------------|--|
| #1 | <b>.00043</b> | <b>.00018</b> | <b>.01334</b> | <b>.00051</b> | <b>.00082</b>  | <b>.01730</b> | <b>-.00018</b> |  |
| #2 | <b>.00029</b> | <b>.00023</b> | <b>.01176</b> | <b>.00048</b> | <b>.00103</b>  | <b>.01556</b> | <b>-.00138</b> |  |
| #3 | <b>.00029</b> | <b>.00033</b> | <b>.01194</b> | <b>.00044</b> | <b>-.00024</b> | <b>.01759</b> | <b>-.00020</b> |  |

Sample Name: S0      Acquired: 12/07/2019 13:02:58      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1546.4 | 3269.7 | 36224. | 7679.3 | 3773.7 |
| Stddev    | 12.9   | 10.2   | 212.   | 68.8   | 7.1    |
| %RSD      | .83656 | .31076 | .58511 | .89539 | .18811 |
| #1        | 1534.7 | 3270.0 | 36138. | 7616.5 | 3769.9 |
| #2        | 1544.1 | 3279.8 | 36068. | 7752.8 | 3781.9 |
| #3        | 1560.3 | 3259.4 | 36465. | 7668.7 | 3769.3 |

Sample Name: S1      Acquired: 12/07/2019 13:06:49      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.00046</b> | <b>.00182</b> | <b>.00283</b> | <b>.00218</b> | <b>.00722</b> | <b>.00976</b> | <b>.30337</b> | <b>.02475</b> |
| Stddev | .00012        | .00001        | .00021        | .00014        | .00025        | .00033        | .00387        | .00045        |
| %RSD   | 26.363        | .42914        | 7.4803        | 6.6212        | 3.5013        | 3.4230        | 1.2756        | 1.8251        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.00054</b> | <b>.00182</b> | <b>.00294</b> | <b>.00219</b> | <b>.00720</b> | <b>.01014</b> | <b>.29949</b> | <b>.02424</b> |
| #2 | <b>.00032</b> | <b>.00181</b> | <b>.00296</b> | <b>.00203</b> | <b>.00697</b> | <b>.00953</b> | <b>.30338</b> | <b>.02492</b> |
| #3 | <b>.00053</b> | <b>.00183</b> | <b>.00258</b> | <b>.00232</b> | <b>.00748</b> | <b>.00961</b> | <b>.30723</b> | <b>.02510</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Ni2316        | Ag3280        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.01806</b> | <b>.00168</b> | <b>.02675</b> | <b>.00634</b> | <b>.00306</b> | <b>.01583</b> | <b>.02419</b> | <b>.00358</b> |
| Stddev | .00033        | .00007        | .00036        | .00021        | .00014        | .00024        | .00033        | .00025        |
| %RSD   | 1.8143        | 3.9345        | 1.3617        | 3.3639        | 4.7222        | 1.5065        | 1.3556        | 6.9133        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.01775</b> | <b>.00175</b> | <b>.02634</b> | <b>.00650</b> | <b>.00313</b> | <b>.01572</b> | <b>.02389</b> | <b>.00382</b> |
| #2 | <b>.01802</b> | <b>.00161</b> | <b>.02688</b> | <b>.00609</b> | <b>.00290</b> | <b>.01567</b> | <b>.02414</b> | <b>.00332</b> |
| #3 | <b>.01840</b> | <b>.00168</b> | <b>.02704</b> | <b>.00642</b> | <b>.00316</b> | <b>.01610</b> | <b>.02454</b> | <b>.00360</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | V_2924        | Zn2138        | P_1774        | B_2496        | Mo2020        | S_1820        | Si2516        | Sn1899        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.00443</b> | <b>.13373</b> | <b>.00008</b> | <b>.04413</b> | <b>.09572</b> | <b>.00069</b> | <b>.16232</b> | <b>.00338</b> |
| Stddev | .00037        | .00108        | .00008        | .00042        | .00087        | .00003        | .00029        | .00015        |
| %RSD   | 8.4587        | .80397        | 100.80        | .94645        | .91098        | 4.4344        | .17846        | 4.4055        |

|    |               |               |                |               |               |               |               |               |
|----|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.00402</b> | <b>.13484</b> | <b>-.00001</b> | <b>.04426</b> | <b>.09471</b> | <b>.00072</b> | <b>.16210</b> | <b>.00322</b> |
| #2 | <b>.00476</b> | <b>.13364</b> | <b>.00012</b>  | <b>.04367</b> | <b>.09620</b> | <b>.00067</b> | <b>.16221</b> | <b>.00340</b> |
| #3 | <b>.00450</b> | <b>.13270</b> | <b>.00013</b>  | <b>.04448</b> | <b>.09625</b> | <b>.00067</b> | <b>.16265</b> | <b>.00352</b> |

|        |               |               |               |
|--------|---------------|---------------|---------------|
| Elem   | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.01924</b> | <b>.03211</b> | <b>.21482</b> |
| Stddev | .00062        | .00148        | .00186        |
| %RSD   | 3.2289        | 4.6093        | .86715        |

|    |               |               |               |
|----|---------------|---------------|---------------|
| #1 | <b>.01935</b> | <b>.03219</b> | <b>.21564</b> |
| #2 | <b>.01857</b> | <b>.03059</b> | <b>.21269</b> |
| #3 | <b>.01980</b> | <b>.03355</b> | <b>.21613</b> |

Sample Name: S1      Acquired: 12/07/2019 13:06:49      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1537.3 | 3264.8 | 36287. | 7690.6 | 3774.5 |
| Stddev    | 6.5    | 8.9    | 71.    | 35.4   | 6.6    |
| %RSD      | .42431 | .27197 | .19552 | .46002 | .17480 |
| #1        | 1530.3 | 3254.6 | 36235. | 7668.5 | 3770.7 |
| #2        | 1543.3 | 3269.3 | 36368. | 7731.4 | 3770.7 |
| #3        | 1538.2 | 3270.6 | 36259. | 7671.8 | 3782.1 |

Sample Name: S2      Acquired: 12/07/2019 13:10:40      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Mg2790 | Na8183 | K_7698 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .15144 | .02162 | .00081 | .09196 |
| Stddev | .00061 | .00008 | .00099 | .00153 |
| %RSD   | .40495 | .38942 | 122.18 | 1.6684 |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .15080 | .02170 | .00004 | .09288 |
| #2 | .15150 | .02163 | .00192 | .09019 |
| #3 | .15202 | .02153 | .00047 | .09281 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 7760.9 |
| Stddev    | 33.8   |
| %RSD      | .43505 |

|    |        |
|----|--------|
| #1 | 7798.4 |
| #2 | 7733.0 |
| #3 | 7751.3 |

Sample Name: S3      Acquired: 12/07/2019 13:14:26      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.09359</b> | <b>.15408</b> | <b>.50074</b> | <b>.15778</b> | <b>.33170</b> | <b>.34781</b> | <b>14.975</b> | <b>.51042</b> |
| Stddev | .00050        | .00111        | .00105        | .00045        | .00062        | .00218        | .053          | .00157        |
| %RSD   | .53715        | .71976        | .20998        | .28669        | .18654        | .62681        | .35703        | .30804        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.09367</b> | <b>.15374</b> | <b>.50018</b> | <b>.15800</b> | <b>.33106</b> | <b>.34533</b> | <b>14.915</b> | <b>.50951</b> |
| #2 | <b>.09305</b> | <b>.15318</b> | <b>.50009</b> | <b>.15726</b> | <b>.33175</b> | <b>.34871</b> | <b>14.989</b> | <b>.51223</b> |
| #3 | <b>.09404</b> | <b>.15532</b> | <b>.50195</b> | <b>.15808</b> | <b>.33229</b> | <b>.34940</b> | <b>15.019</b> | <b>.50951</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>3.7100</b> | <b>.88474</b> | <b>.08559</b> | <b>1.0834</b> | <b>.14704</b> | <b>.07383</b> | <b>.90860</b> | <b>.13097</b> |
| Stddev | .0117         | .00254        | .00030        | .0029         | .00096        | .00028        | .00475        | .00143        |
| %RSD   | .31578        | .28705        | .35384        | .26666        | .65459        | .37682        | .52292        | 1.0887        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>3.7125</b> | <b>.88204</b> | <b>.08525</b> | <b>1.0825</b> | <b>.14779</b> | <b>.07408</b> | <b>.90983</b> | <b>.13045</b> |
| #2 | <b>3.6972</b> | <b>.88510</b> | <b>.08572</b> | <b>1.0811</b> | <b>.14596</b> | <b>.07388</b> | <b>.90336</b> | <b>.12987</b> |
| #3 | <b>3.7202</b> | <b>.88709</b> | <b>.08581</b> | <b>1.0867</b> | <b>.14739</b> | <b>.07353</b> | <b>.91262</b> | <b>.13258</b> |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.75663</b> | <b>.27045</b> | <b>.04655</b> | <b>.13490</b> | <b>3.8603</b> | <b>.29647</b> | <b>.10335</b> | <b>1.0817</b> |
| Stddev | .00092        | .00162        | .00050        | .00115        | .0063         | .00242        | .00034        | .0049         |
| %RSD   | .12106        | .59924        | 1.0713        | .85476        | .16316        | .81486        | .33192        | .44953        |

|    |               |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>.75618</b> | <b>.27125</b> | <b>.04712</b> | <b>.13428</b> | <b>3.8647</b> | <b>.29514</b> | <b>.10300</b> | <b>1.0814</b> |
| #2 | <b>.75602</b> | <b>.26858</b> | <b>.04633</b> | <b>.13420</b> | <b>3.8531</b> | <b>.29926</b> | <b>.10369</b> | <b>1.0867</b> |
| #3 | <b>.75768</b> | <b>.27151</b> | <b>.04620</b> | <b>.13624</b> | <b>3.8631</b> | <b>.29502</b> | <b>.10336</b> | <b>1.0770</b> |

|        |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.1806</b> | <b>.06909</b> | <b>1.0388</b> | <b>.19563</b> | <b>1.2320</b> | <b>2.0573</b> | <b>26.818</b> |
| Stddev | .0034         | .00038        | .0026         | .00036        | .0049         | .0085         | .191          |
| %RSD   | .29218        | .54576        | .24829        | .18242        | .39424        | .41227        | .71309        |

|    |               |               |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>1.1778</b> | <b>.06876</b> | <b>1.0394</b> | <b>.19528</b> | <b>1.2265</b> | <b>2.0478</b> | <b>26.612</b> |
| #2 | <b>1.1795</b> | <b>.06900</b> | <b>1.0410</b> | <b>.19563</b> | <b>1.2357</b> | <b>2.0601</b> | <b>26.990</b> |
| #3 | <b>1.1845</b> | <b>.06950</b> | <b>1.0360</b> | <b>.19599</b> | <b>1.2337</b> | <b>2.0641</b> | <b>26.852</b> |

Sample Name: S3      Acquired: 12/07/2019 13:14:26      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1552.7 | 3228.1 | 36548. | 7764.5 | 3708.1 |
| Stddev    | 8.1    | 4.7    | 114.   | 42.2   | 8.1    |
| %RSD      | .52004 | .14702 | .31074 | .54410 | .21847 |
| #1        | 1545.5 | 3229.2 | 36418. | 7757.8 | 3707.0 |
| #2        | 1561.5 | 3232.2 | 36628. | 7726.0 | 3716.6 |
| #3        | 1551.2 | 3222.9 | 36599. | 7809.7 | 3700.5 |



Sample Name: S4      Acquired: 12/07/2019 13:18:03      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.18320</b> | <b>.30238</b> | <b>.98218</b> | <b>.31082</b> | <b>.64304</b> | <b>.67853</b> | <b>29.194</b> | <b>.97396</b> |
| Stddev | .00050        | .00037        | .00188        | .00086        | .00085        | .00427        | .080          | .00938        |
| %RSD   | .27150        | .12145        | .19117        | .27533        | .13285        | .62950        | .27495        | .96299        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18321 | .30217 | .98078 | .31029 | .64399 | .67369 | 29.114 | .96315 |
| #2 | .18269 | .30215 | .98144 | .31036 | .64276 | .68012 | 29.194 | .97995 |
| #3 | .18369 | .30280 | .98431 | .31180 | .64235 | .68177 | 29.275 | .97878 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>7.1952</b> | <b>1.7040</b> | <b>.16531</b> | <b>2.1124</b> | <b>.26659</b> | <b>.13893</b> | <b>1.7434</b> | <b>.25152</b> |
| Stddev | .0084         | .0073         | .00035        | .0037         | .00104        | .00048        | .0039         | .00125        |
| %RSD   | .11748        | .43045        | .20988        | .17475        | .39015        | .34749        | .22516        | .49688        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.1914 | 1.6958 | .16566 | 2.1117 | .26540 | .13850 | 1.7427 | .25008 |
| #2 | 7.1894 | 1.7063 | .16496 | 2.1090 | .26712 | .13883 | 1.7398 | .25235 |
| #3 | 7.2049 | 1.7099 | .16532 | 2.1163 | .26726 | .13945 | 1.7476 | .25213 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>1.4693</b> | <b>.51965</b> | <b>.09950</b> | <b>.25901</b> | <b>7.4390</b> | <b>.52851</b> | <b>.20455</b> | <b>2.0672</b> |
| Stddev | .0015         | .00236        | .00054        | .00098        | .0252         | .00293        | .00068        | .0152         |
| %RSD   | .10294        | .45470        | .53848        | .37840        | .33894        | .55465        | .33417        | .73287        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4699 | .51706 | .10011 | .25922 | 7.4444 | .52517 | .20381 | 2.0504 |
| #2 | 1.4676 | .52168 | .09909 | .25987 | 7.4611 | .52973 | .20470 | 2.0799 |
| #3 | 1.4705 | .52020 | .09930 | .25794 | 7.4115 | .53064 | .20515 | 2.0712 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>2.2507</b> | <b>.13636</b> | <b>1.9812</b> | <b>.37689</b> | <b>2.4034</b> | <b>4.0051</b> | <b>52.112</b> |  |
| Stddev | .0042         | .00049        | .0208         | .00057        | .0175         | .0168         | .449          |  |
| %RSD   | .18855        | .35965        | 1.0488        | .15200        | .72928        | .42004        | .86237        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.2468 | .13623 | 1.9573 | .37642 | 2.3839 | 3.9884 | 52.195 |  |
| #2 | 2.2501 | .13594 | 1.9952 | .37672 | 2.4082 | 4.0049 | 52.514 |  |
| #3 | 2.2553 | .13690 | 1.9911 | .37753 | 2.4180 | 4.0220 | 51.627 |  |

Sample Name: S4      Acquired: 12/07/2019 13:18:03      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1557.2 | 3194.8 | 36688. | 7785.9 | 3641.6 |
| Stddev    | 7.8    | 3.2    | 81.    | 15.2   | 3.6    |
| %RSD      | .50155 | .09923 | .22081 | .19530 | .09861 |
| #1        | 1565.9 | 3195.4 | 36780. | 7802.0 | 3638.2 |
| #2        | 1554.8 | 3197.7 | 36655. | 7771.7 | 3645.4 |
| #3        | 1550.9 | 3191.4 | 36628. | 7784.2 | 3641.2 |

Sample Name: S5      Acquired: 12/07/2019 13:21:44      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | As1890        | Tl1908        | Pb2203        | Se1960        | Sb2068        | Al3961        | Ba4934        | Be2348        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>.36790</b> | <b>.61146</b> | <b>1.9983</b> | <b>.61739</b> | <b>1.2807</b> | <b>1.3664</b> | <b>58.192</b> | <b>1.8933</b> |
| Stddev | .00038        | .00052        | .0028         | .00082        | .0004         | .0149         | .754          | .0212         |
| %RSD   | .10302        | .08459        | .14085        | .13224        | .03163        | 1.0919        | 1.2961        | 1.1210        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .36749 | .61128 | 1.9970 | .61678 | 1.2804 | 1.3499 | 58.368 | 1.9169 |
| #2 | .36823 | .61106 | 1.9964 | .61708 | 1.2805 | 1.3790 | 57.366 | 1.8758 |
| #3 | .36799 | .61204 | 2.0016 | .61832 | 1.2812 | 1.3702 | 58.843 | 1.8872 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Cd2144        | Ca3736        | Cr2677        | Co2286        | Cu3247        | Fe2598        | Mn2576        | Mg2790        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>14.510</b> | <b>3.4006</b> | <b>.32747</b> | <b>4.2870</b> | <b>.52962</b> | <b>.27611</b> | <b>3.4532</b> | <b>.50440</b> |
| Stddev | .018          | .0145         | .00060        | .0065         | .00281        | .00142        | .0129         | .00343        |
| %RSD   | .12430        | .42738        | .18318        | .15181        | .53020        | .51374        | .37274        | .67983        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.495 | 3.4009 | .32689 | 4.2855 | .52651 | .27617 | 3.4515 | .50477 |
| #2 | 14.504 | 3.3859 | .32808 | 4.2813 | .53038 | .27466 | 3.4413 | .50080 |
| #3 | 14.530 | 3.4149 | .32745 | 4.2941 | .53197 | .27749 | 3.4668 | .50763 |

|        |               |               |               |               |               |               |               |               |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Elem   | Ni2316        | Ag3280        | Na8183        | V_2924        | Zn2138        | K_7698        | P_1774        | B_2496        |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg    | <b>2.9417</b> | <b>1.0390</b> | <b>.20771</b> | <b>.51583</b> | <b>14.802</b> | <b>1.0262</b> | <b>.41812</b> | <b>4.1133</b> |
| Stddev | .0034         | .0056         | .00180        | .00338        | .035          | .0037         | .00038        | .0413         |
| %RSD   | .11730        | .53558        | .86625        | .65572        | .23512        | .36335        | .09095        | 1.0029        |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9447 | 1.0431 | .20972 | .51795 | 14.839 | 1.0242 | .41769 | 4.1590 |
| #2 | 2.9379 | 1.0327 | .20625 | .51193 | 14.799 | 1.0240 | .41829 | 4.0788 |
| #3 | 2.9425 | 1.0412 | .20717 | .51762 | 14.770 | 1.0305 | .41839 | 4.1020 |

|        |               |               |               |               |               |               |               |  |
|--------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|--|
| Elem   | Mo2020        | S_1820        | Si2516        | Sn1899        | Ti3361        | Li6707        | Sr4077        |  |
| Units  | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |  |
| Avg    | <b>4.4998</b> | <b>.28244</b> | <b>3.8228</b> | <b>.76614</b> | <b>4.8543</b> | <b>8.1372</b> | <b>104.87</b> |  |
| Stddev | .0059         | .00051        | .0316         | .00186        | .0480         | .0381         | .95           |  |
| %RSD   | .13024        | .18168        | .82705        | .24247        | .98957        | .46839        | .90533        |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 4.4930 | .28240 | 3.8556 | .76400 | 4.7993 | 8.0948 | 105.60 |  |
| #2 | 4.5037 | .28196 | 3.7926 | .76737 | 4.8878 | 8.1483 | 103.80 |  |
| #3 | 4.5026 | .28298 | 3.8202 | .76705 | 4.8758 | 8.1686 | 105.20 |  |

Sample Name: S5      Acquired: 12/07/2019 13:21:44      Type: Cal  
Method: NON EPA-6010-200.7(v189)      Mode: IR      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_2243 | Y_3600 | Y_3710 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 1535.4 | 3140.9 | 36553. | 7798.8 | 3524.0 |
| Stddev    | 6.9    | 4.1    | 175.   | 47.5   | 3.4    |
| %RSD      | .44903 | .12913 | .47813 | .60856 | .09677 |
| #1        | 1527.9 | 3143.1 | 36644. | 7763.7 | 3523.8 |
| #2        | 1541.4 | 3143.4 | 36664. | 7852.8 | 3527.6 |
| #3        | 1536.8 | 3136.2 | 36352. | 7779.8 | 3520.7 |

Sample Name: ICV01      Acquired: 12/07/2019 13:25:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | 1.020984 | 1.022013 | 1.016628 | 1.052685 | .9936542 | 2.609986 |
| Stddev | .006129  | .003022  | .006832  | .005907  | .0018934 | .014551  |
| %RSD   | .6003370 | .2956599 | .6720675 | .5611790 | .1905527 | .5575228 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.025332 | 1.025502 | 1.022686 | 1.056228 | .9955088 | 2.611542 |
| #2 | 1.023647 | 1.020239 | 1.017977 | 1.045865 | .9917242 | 2.594719 |
| #3 | 1.013974 | 1.020299 | 1.009222 | 1.055962 | .9937297 | 2.623696 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5181825 | .5180388 | .5227292 | 9.939572 | .5249290 | .5184928 |
| Stddev | .0018831 | .0043727 | .0006912 | .050055  | .0051433 | .0013933 |
| %RSD   | .3634037 | .8440966 | .1322354 | .5035897 | .9798110 | .2687290 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5167145 | .5219013 | .5219321 | 9.881920 | .5277329 | .5180402 |
| #2 | .5175274 | .5132912 | .5230917 | 9.964844 | .5280611 | .5200561 |
| #3 | .5203057 | .5189238 | .5231638 | 9.971953 | .5189931 | .5173819 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Cu3247     | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .5332781 | 10.57921 | .5263319 | 6.008357 | .5255504 | .2490877 |
| Stddev | .0020019   | .10664   | .0042581 | .069219  | .0001599 | .0017816 |
| %RSD   | .3753913   | 1.007986 | .8090101 | 1.152040 | .0304249 | .7152567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5330234 | 10.45629 | .5214179 | 5.928539 | .5257327 | .2496242 |
| #2 | .5314157 | 10.64685 | .5286455 | 6.051878 | .5254845 | .2505394 |
| #3 | .5353951 | 10.63450 | .5289322 | 6.044653 | .5254339 | .2470995 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.621803 | .4825501 | 1.030528 | 9.625233 | F -.002982 | 2.608467 |
| Stddev | .343628  | .0030730 | .011900  | .043518  | .001694    | .024281  |
| %RSD   | 3.571349 | .6368242 | 1.154734 | .4521199 | 56.79607   | .9308487 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.270512 | .4796618 | 1.033135 | 9.656736 | -.001340 | 2.633291 |
| #2 | 9.957218 | .4822090 | 1.040909 | 9.575577 | -.002883 | 2.584768 |
| #3 | 9.637679 | .4857793 | 1.017541 | 9.643384 | -.004723 | 2.607344 |

Sample Name: ICV01      Acquired: 12/07/2019 13:25:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 2.596195 | F -.003916 | 2.585522 | 2.560053 | 2.579504 | F .0063483 |
| Stddev | .001527  | .005428    | .025597  | .003420  | .009909  | .0005647   |
| %RSD   | .0588067 | 138.6154   | .9900001 | .1335924 | .3841330 | 8.895419   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.597446 | -.009867 | 2.611424 | 2.563539 | 2.590677 | .0060807 |
| #2 | 2.594494 | .000765  | 2.560242 | 2.556703 | 2.571782 | .0069971 |
| #3 | 2.596646 | -.002646 | 2.584900 | 2.559916 | 2.576053 | .0059672 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0017290 |
| Stddev | .0000641   |
| %RSD   | 3.709619   |

|    |          |
|----|----------|
| #1 | .0017934 |
| #2 | .0016651 |
| #3 | .0017287 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1596.057 | 3226.927 | 37628.32 | 7859.993 | 3718.260 |
| Stddev    | 15.367   | 3.889    | 318.57   | 45.647   | 6.474    |
| %RSD      | .9627876 | .1205047 | .8466199 | .5807494 | .1741005 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1591.486 | 3227.731 | 37540.17 | 7822.964 | 3721.194 |
| #2 | 1583.494 | 3222.699 | 37363.10 | 7910.992 | 3710.839 |
| #3 | 1613.191 | 3230.350 | 37981.68 | 7846.023 | 3722.747 |

Sample Name: LLICV01      Acquired: 12/07/2019 13:30:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0221093</b> | <b>.0405918</b> | <b>.0125605</b> | <b>.0218341</b> | <b>.0552582</b> | <b>.1075543</b> | <b>.1057866</b> |
| Stddev | .0037222        | .0010118        | .0014926        | .0011444        | .0005075        | .0121060        | .0005548        |
| %RSD   | 16.83565        | 2.492715        | 11.88307        | 5.241420        | .9184476        | 11.25570        | .5244558        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0181684 | .0397497 | .0117202 | .0205249 | .0546932 | .1008648 | .1051649 |
| #2 | .0225940 | .0403115 | .0142838 | .0226446 | .0554060 | .1215289 | .1059638 |
| #3 | .0255653 | .0417143 | .0116774 | .0223327 | .0556754 | .1002693 | .1062312 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066625</b> | <b>.0066896</b> | <b>2.161273</b> | <b>.0109792</b> | <b>.0324122</b> | <b>.0239471</b> | <b>.1060242</b> |
| Stddev | .0000697        | .0000597        | .020518         | .0003249        | .0003150        | .0015943        | .0113104        |
| %RSD   | 1.046253        | .8922287        | .9493348        | 2.959142        | .9718821        | 6.657702        | 10.66774        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065871 | .0066782 | 2.141980 | .0107455 | .0321060 | .0252174 | .1185471 |
| #2 | .0067246 | .0066365 | 2.159012 | .0108420 | .0327354 | .0221580 | .0965521 |
| #3 | .0066758 | .0067542 | 2.182828 | .0113502 | .0323952 | .0244659 | .1029735 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0226273</b> | <b>2.137121</b> | <b>.0443262</b> | <b>.0111830</b> | <b>1.802370</b> | <b>.0408584</b> | <b>.0447246</b> |
| Stddev | .0005483        | .047145         | .0000639        | .0001448        | .206355         | .0012646        | .0002004        |
| %RSD   | 2.423125        | 2.206000        | .1442242        | 1.294991        | 11.44911        | 3.095064        | .4480371        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0220136 | 2.100910 | .0443238 | .0110943 | 1.953800 | .0401106 | .0445575 |
| #2 | .0227993 | 2.120025 | .0442635 | .0113501 | 1.567331 | .0423185 | .0446696 |
| #3 | .0230689 | 2.190429 | .0443913 | .0111046 | 1.885979 | .0401461 | .0449467 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.868941</b> | <b>.0197203</b> | <b>.1136959</b> | <b>.2176120</b> | <b>.0173044</b> | <b>.3904160</b> | <b>.0405904</b> |
| Stddev | .070609         | .0014390        | .0009809        | .0006731        | .0018223        | .0035329        | .0008334        |
| %RSD   | 3.778013        | 7.297193        | .8627494        | .3093033        | 10.53069        | .9048984        | 2.053169        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.791400 | .0188962 | .1145171 | .2169068 | .0156402 | .3898596 | .0415508 |
| #2 | 1.929532 | .0213820 | .1126097 | .2182476 | .0192516 | .3871943 | .0401630 |
| #3 | 1.885891 | .0188829 | .1139608 | .2176814 | .0170212 | .3941940 | .0400574 |

Sample Name: LLICV01      Acquired: 12/07/2019 13:30:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0404280</b> | <b>.0215490</b> | <b>.0220166</b> |
| Stddev | .0014705        | .0019582        | .0001907        |
| %RSD   | 3.637234        | 9.087413        | .8663459        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0409945</b> | <b>.0209158</b> | <b>.0217999</b> |
| #2 | <b>.0387586</b> | <b>.0199857</b> | <b>.0221590</b> |
| #3 | <b>.0415310</b> | <b>.0237455</b> | <b>.0220909</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1584.106</b> | <b>3230.304</b> | <b>37026.80</b> | <b>7780.324</b> | <b>3719.994</b> |
| Stddev    | 9.944           | 5.863           | 23.58           | 15.559          | 2.688           |
| %RSD      | .6277156        | .1814867        | .0636917        | .1999784        | .0722660        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1577.741 | 3225.005 | 37050.46 | 7784.069 | 3716.957 |
| #2 | 1579.013 | 3229.307 | 37003.29 | 7793.668 | 3722.067 |
| #3 | 1595.565 | 3236.602 | 37026.66 | 7763.234 | 3720.958 |



Sample Name: ICB01      Acquired: 12/07/2019 13:34:00      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | .0006420 | -.002370 | -.000510 | .0010901 | .0005924 | .0027366 | -.000291 |
| Stddev | .0009415 | .001789  | .000653  | .0029630 | .0002674 | .0150822 | .001140  |
| %RSD   | 146.6340 | 75.49170 | 128.0462 | 271.7994 | 45.14027 | 551.1344 | 391.6234 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015506 | -.001879 | -.000989 | -.000534 | .0002851 | .0175536 | -.001492 |
| #2 | .0007046 | -.000878 | .000234  | -.000705 | .0007198 | .0032535 | -.000156 |
| #3 | -.000329 | -.004354 | -.000775 | .004510  | .0007723 | -.012597 | .000775  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000027 | .0000023 | .0079758 | .0002338 | -.000055 | .0012972 | -.005158 |
| Stddev | .000035  | .0000424 | .0082149 | .0004337 | .000158  | .0022580 | .010141  |
| %RSD   | 128.1305 | 1817.140 | 102.9978 | 185.5006 | 290.6939 | 174.0638 | 196.6256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000020 | .0000385 | .0015370 | .0003426 | .000127  | .0007619 | -.016775 |
| #2 | -.000066 | -.000044 | .0172277 | .0006028 | -.000126 | -.000645 | -.000620 |
| #3 | .000003  | .000013  | .0051628 | -.000244 | -.000165 | .003775  | .001923  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004526 | .0207253 | .0000477 | .0003048 | .0793112 | -.001857 | .0011424 |
| Stddev | .0001038 | .0222922 | .0002411 | .0004064 | .1437705 | .001145  | .0002178 |
| %RSD   | 22.92449 | 107.5604 | 505.0212 | 133.3706 | 181.2740 | 61.66628 | 19.06348 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004094 | .0033161 | .0002979 | .0007738 | .1691775 | -.000607 | .0013231 |
| #2 | .0003775 | .0130094 | -.000183 | .0000578 | -.086506 | -.002855 | .0012034 |
| #3 | .0005710 | .0458503 | .000029  | .0000826 | .155262  | -.002107 | .0009006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.135829 | -.000120 | .0031496 | -.000156 | -.002573 | -.013650 | -.001027 |
| Stddev | .017346  | .003269  | .0003891 | .000062  | .004071  | .001054  | .000230  |
| %RSD   | 12.77039 | 2724.111 | 12.35416 | 39.62671 | 158.1911 | 7.719574 | 22.41958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.116100 | -.003883 | .0035261 | -.000086 | .001898  | -.012460 | -.001283 |
| #2 | -.142699 | .002020  | .0031735 | -.000181 | -.006064 | -.014023 | -.000958 |
| #3 | -.148687 | .001503  | .0027490 | -.000202 | -.003554 | -.014466 | -.000839 |

Sample Name: ICB01      Acquired: 12/07/2019 13:34:00      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001189</b> | <b>-.003146</b> | <b>-.000078</b> |
| Stddev | .001583         | .002231         | .000053         |
| %RSD   | 133.1162        | 70.91875        | 68.21213        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000342  | -.002292 | -.000121 |
| #2 | -.002820 | -.001468 | -.000094 |
| #3 | -.001089 | -.005678 | -.000018 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1579.085</b> | <b>3214.339</b> | <b>37014.46</b> | <b>7737.921</b> | <b>3697.320</b> |
| Stddev    | 6.932           | 7.593           | 252.92          | 51.595          | 6.610           |
| %RSD      | .4389640        | .2362345        | .6833072        | .6667866        | .1787829        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1578.303 | 3207.948 | 37025.46 | 7740.072 | 3691.630 |
| #2 | 1572.577 | 3222.733 | 36756.21 | 7788.407 | 3704.571 |
| #3 | 1586.374 | 3212.334 | 37261.70 | 7685.284 | 3695.760 |

Sample Name: CRI01      Acquired: 12/07/2019 13:37:52      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0208163</b> | <b>.0416406</b> | <b>.0127351</b> | <b>.0193616</b> | <b>.0536669</b> | <b>.1175769</b> | <b>.1064759</b> |
| Stddev | .0024287        | .0013155        | .0010973        | .0003745        | .0022262        | .0132721        | .0013153        |
| %RSD   | 11.66713        | 3.159074        | 8.616671        | 1.934265        | 4.148097        | 11.28799        | 1.235322        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0180661 | .0407756 | .0130590 | .0193714 | .0511625 | .1301711 | .1076574 |
| #2 | .0226664 | .0409919 | .0115123 | .0197312 | .0544175 | .1037175 | .1050586 |
| #3 | .0217164 | .0431544 | .0136341 | .0189823 | .0554208 | .1188420 | .1067117 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0066375</b> | <b>.0065593</b> | <b>2.162909</b> | <b>.0107664</b> | <b>.0323661</b> | <b>.0246066</b> | <b>.1024764</b> |
| Stddev | .0000416        | .0000332        | .028145         | .0001626        | .0003414        | .0036572        | .0021760        |
| %RSD   | .6260103        | .5058289        | 1.301269        | 1.509970        | 1.054751        | 14.86266        | 2.123389        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0066408 | .0065969 | 2.194647 | .0109528 | .0326395 | .0205186 | .1034157 |
| #2 | .0066773 | .0065342 | 2.153095 | .0106925 | .0319835 | .0275678 | .0999886 |
| #3 | .0065944 | .0065468 | 2.140984 | .0106539 | .0324755 | .0257334 | .1040250 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0233687</b> | <b>2.184850</b> | <b>.0444408</b> | <b>.0107549</b> | <b>2.131742</b> | <b>.0445912</b> | <b>.0449152</b> |
| Stddev | .0006592        | .053680         | .0001483        | .0002923        | .237868         | .0049123        | .0004911        |
| %RSD   | 2.820744        | 2.456910        | .3336303        | 2.717766        | 11.15841        | 11.01628        | 1.093425        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0240072 | 2.245543 | .0443665 | .0107479 | 2.016089 | .0425286 | .0454709 |
| #2 | .0226907 | 2.165401 | .0446116 | .0104661 | 2.405322 | .0410464 | .0447354 |
| #3 | .0234083 | 2.143606 | .0443445 | .0110506 | 1.973815 | .0501985 | .0445394 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.933989</b> | <b>.0207875</b> | <b>.1083832</b> | <b>.2173571</b> | <b>.0191089</b> | <b>.3857269</b> | <b>.0388871</b> |
| Stddev | .024374         | .0011411        | .0017882        | .0009146        | .0024574        | .0041355        | .0002243        |
| %RSD   | 1.260312        | 5.489367        | 1.649871        | .4207966        | 12.85986        | 1.072135        | .5768661        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.959085 | .0202820 | .1083294 | .2172024 | .0212702 | .3893145 | .0386880 |
| #2 | 1.932476 | .0199864 | .1101977 | .2165296 | .0164360 | .3866624 | .0391302 |
| #3 | 1.910407 | .0220940 | .1066225 | .2183392 | .0196205 | .3812038 | .0388433 |

Sample Name: CRI01      Acquired: 12/07/2019 13:37:52      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0415998</b> | <b>.0174236</b> | <b>.0223113</b> |
| Stddev | .0015194        | .0016768        | .0004333        |
| %RSD   | 3.652380        | 9.623674        | 1.942112        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0425810</b> | <b>.0166613</b> | <b>.0227891</b> |
| #2 | <b>.0398496</b> | <b>.0193461</b> | <b>.0219436</b> |
| #3 | <b>.0423686</b> | <b>.0162634</b> | <b>.0222013</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1596.431</b> | <b>3228.779</b> | <b>37349.80</b> | <b>7671.273</b> | <b>3724.903</b> |
| Stddev    | 16.427          | 1.759           | 277.40          | 109.340         | 1.703           |
| %RSD      | 1.028996        | .0544876        | .7427189        | 1.425313        | .0457229        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1578.357 | 3228.362 | 37079.55 | 7547.448 | 3724.984 |
| #2 | 1600.484 | 3230.709 | 37336.02 | 7711.841 | 3726.564 |
| #3 | 1610.453 | 3227.266 | 37633.84 | 7754.531 | 3723.161 |

Sample Name: ICSA01      Acquired: 12/07/2019 13:41:44      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | <b>.0037556</b> | <b>-.011857</b> | <b>.0037590</b> | <b>.0034357</b> | <b>.0024141</b> | <b>266.4526</b> |
| Stddev | .0044447        | .004029         | .0018689        | .0035114        | .0032259        | .4433           |
| %RSD   | 118.3494        | 33.97677        | 49.71735        | 102.2037        | 133.6286        | .1663577        |
| #1     | .0081572        | -.011792        | .0044309        | .0060156        | .0028416        | 265.9545        |
| #2     | .0038405        | -.007861        | .0016471        | .0048546        | -.001004        | 266.5997        |
| #3     | -.000731        | -.015917        | .0051991        | -.000563        | .005405         | 266.8036        |
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0049867</b> | <b>.0012136</b> | <b>-.001208</b> | <b>246.7599</b> | <b>.0487580</b> | <b>-.000633</b> |
| Stddev | .0002549        | .0000791        | .000062         | 1.6158          | .0003128        | .000081         |
| %RSD   | 5.111974        | 6.518081        | 5.102344        | .6547962        | .6416179        | 12.87475        |
| #1     | .0048239        | .0012418        | -.001279        | 244.8956        | .0484445        | -.000638        |
| #2     | .0048559        | .0012748        | -.001174        | 247.6295        | .0487591        | -.000711        |
| #3     | .0052805        | .0011243        | -.001172        | 247.7547        | .0490702        | -.000548        |
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0187674</b> | <b>101.3691</b> | <b>.0147614</b> | <b>259.9734</b> | <b>-.000553</b> | <b>.0009400</b> |
| Stddev | .0022671        | .9201           | .0004946        | 2.3433          | .000214         | .0001873        |
| %RSD   | 12.07990        | .9076404        | 3.350718        | .9013676        | 38.69642        | 19.93008        |
| #1     | .0190447        | 100.3091        | .0152947        | 257.3420        | -.000494        | .0011378        |
| #2     | .0208831        | 101.8372        | .0143177        | 260.7429        | -.000375        | .0007654        |
| #3     | .0163745        | 101.9609        | .0146719        | 261.8351        | -.000791        | .0009167        |
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.058008</b> | <b>.0007040</b> | <b>-.000479</b> | <b>-.632200</b> | <b>-.010823</b> | <b>-.062800</b> |
| Stddev | .449739         | .0040285        | .000421         | .066036         | .001541         | .002282         |
| %RSD   | 775.3072        | 572.2481        | 87.98789        | 10.44548        | 14.23702        | 3.633022        |
| #1     | .384876         | .0006267        | .000007         | -.681582        | -.009972        | -.064594        |
| #2     | -.514301        | .0047706        | -.000749        | -.657826        | -.012601        | -.063575        |
| #3     | -.044598        | -.003285        | -.000694        | -.557191        | -.009895        | -.060232        |

Sample Name: ICSA01      Acquired: 12/07/2019 13:41:44      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0003030 | -.004177 | -.017998 | -.004595 | -.003720 | W .0050440 |
| Stddev | .0004144 | .002451  | .000958  | .000617  | .001035  | .0026104   |
| %RSD   | 136.7582 | 58.67653 | 5.320671 | 13.42737 | 27.83578 | 51.75257   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000129 | -.006986 | -.016905 | -.004897 | -.002875 | .0037034 |
| #2 | .000697  | -.003069 | -.018399 | -.005002 | -.004875 | .0033762 |
| #3 | .000342  | -.002476 | -.018690 | -.003885 | -.003409 | .0080523 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1039444 |
| Stddev | .0001986   |
| %RSD   | .1910160   |

|    |          |
|----|----------|
| #1 | .1039712 |
| #2 | .1037338 |
| #3 | .1041282 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1496.443 | 3036.811 | 35352.33 | 7692.527 | 3313.148 |
| Stddev    | 6.908    | 3.230    | 209.15   | 61.480   | 4.394    |
| %RSD      | .4616579 | .1063627 | .5916107 | .7992195 | .1326331 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1489.302 | 3036.475 | 35143.54 | 7628.055 | 3314.626 |
| #2 | 1496.932 | 3033.762 | 35351.62 | 7699.027 | 3308.205 |
| #3 | 1503.093 | 3040.196 | 35561.84 | 7750.498 | 3316.612 |

Sample Name: ICSAB01      Acquired: 12/07/2019 13:45:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | .1005303 | .0975569 | .0577270 | .0542783 | .6083492 | 265.0666 |
| Stddev | .0063257 | .0021927 | .0018384 | .0030465 | .0026891 | 1.3329   |
| %RSD   | 6.292295 | 2.247666 | 3.184629 | 5.612671 | .4420364 | .5028591 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1065546 | .0967456 | .0596544 | .0547599 | .6061861 | 264.0250 |
| #2 | .1010952 | .0958854 | .0559929 | .0570552 | .6075015 | 264.6062 |
| #3 | .0939412 | .1000397 | .0575337 | .0510197 | .6113600 | 266.5687 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5151432 | .5038468 | 1.027506 | 246.1964 | .5545946 | .5163210 |
| Stddev | .0030267 | .0029531 | .002746  | 1.3461   | .0007344 | .0024986 |
| %RSD   | .5875373 | .5861189 | .2672801 | .5467571 | .1324240 | .4839188 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5116730 | .5050642 | 1.024923 | 244.6519 | .5550878 | .5139220 |
| #2 | .5172370 | .5004796 | 1.027203 | 246.8168 | .5537505 | .5161324 |
| #3 | .5165198 | .5059966 | 1.030391 | 247.1203 | .5549454 | .5189085 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5199474 | 101.0033 | .5164523 | 259.3901 | 1.010991 | .2099722 |
| Stddev | .0042447 | .8529    | .0040106 | 2.3485   | .001677  | .0013468 |
| %RSD   | .8163711 | .8444579 | .7765593 | .9054038 | .1658810 | .6414130 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5175764 | 100.0186 | .5118385 | 256.6789 | 1.010578 | .2084199 |
| #2 | .5248479 | 101.4789 | .5191051 | 260.7964 | 1.009559 | .2106658 |
| #3 | .5174180 | 101.5123 | .5184131 | 260.6951 | 1.012836 | .2108308 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3054958 | .4984842 | 1.033796 | -.831488 | F -.012147 | .9570049 |
| Stddev | .3997065 | .0048410 | .003128  | .008861  | .005242    | .0043218 |
| %RSD   | 130.8386 | .9711337 | .3025385 | 1.065647 | 43.15231   | .4515982 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0963973 | .4929050 | 1.031756 | -.841301 | -.017462 | .9543791 |
| #2 | .7663787 | .5009762 | 1.037397 | -.824075 | -.006982 | .9546427 |
| #3 | .0537114 | .5015715 | 1.032236 | -.829087 | -.011996 | .9619930 |

Sample Name: ICSAB01      Acquired: 12/07/2019 13:45:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.020975 | F -.007882 | .8942067 | 1.057582 | 1.007515 | F .0003561 |
| Stddev | .002554  | .007532    | .0056220 | .002571  | .006134  | .0021007   |
| %RSD   | .2501060 | 95.56255   | .6287127 | .2430927 | .6088229 | 589.8674   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.020715 | -.013737 | .8971233 | 1.056706 | 1.001177 | -.000248 |
| #2 | 1.018561 | .000615  | .8877258 | 1.055563 | 1.007946 | -.001376 |
| #3 | 1.023648 | -.010525 | .8977711 | 1.060476 | 1.013423 | .002693  |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .1042776 |
| Stddev | .0003737   |
| %RSD   | .3583407   |

|    |          |
|----|----------|
| #1 | .1038805 |
| #2 | .1043299 |
| #3 | .1046224 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1501.215 | 3030.898 | 35610.39 | 7780.559 | 3300.649 |
| Stddev    | 14.036   | 5.944    | 148.21   | 47.677   | 6.413    |
| %RSD      | .9349908 | .1961096 | .4161873 | .6127763 | .1942995 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1505.312 | 3029.894 | 35647.68 | 7736.357 | 3307.183 |
| #2 | 1485.587 | 3037.280 | 35447.10 | 7831.081 | 3300.400 |
| #3 | 1512.748 | 3025.520 | 35736.39 | 7774.238 | 3294.364 |



Sample Name: CCV01      Acquired: 12/07/2019 13:49:11      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | 5.082659 | 5.044440 | 5.068713 | 5.206836 | 5.026463 | 10.22637 | 10.08256 |
| Stddev | .009107  | .016548  | .008017  | .009789  | .008323  | .05304   | .05325   |
| %RSD   | .1791814 | .3280451 | .1581625 | .1880019 | .1655914 | .5186437 | .5281484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.083001 | 5.025333 | 5.059498 | 5.197345 | 5.021137 | 10.16580 | 10.04077 |
| #2 | 5.091590 | 5.053832 | 5.072560 | 5.206266 | 5.022199 | 10.24883 | 10.06439 |
| #3 | 5.073386 | 5.054155 | 5.074081 | 5.216898 | 5.036055 | 10.26449 | 10.14252 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.484348 | 2.551050 | 24.91114 | 1.009002 | 2.530824 | 1.251527 | 4.953743 |
| Stddev | .0025764 | .002808  | .11150   | .003212  | .002014  | .004293  | .020184  |
| %RSD   | 1.037059 | .1100701 | .4475711 | .3182902 | .0795625 | .3430098 | .4074516 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2513266 | 2.548616 | 24.80476 | 1.005473 | 2.531303 | 1.253422 | 4.969912 |
| #2 | .2475938 | 2.550412 | 24.90152 | 1.011752 | 2.528613 | 1.246613 | 4.931121 |
| #3 | .2463840 | 2.554122 | 25.02713 | 1.009782 | 2.532554 | 1.254547 | 4.960194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.493842 | 24.64207 | 2.498271 | 1.233670 | 24.34639 | 2.483875 | 2.552232 |
| Stddev | .006909  | .03939   | .003504  | .008076  | .24311   | .013013  | .010510  |
| %RSD   | .2770473 | .1598652 | .1402587 | .6546684 | .9985362 | .5239118 | .4117821 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.488490 | 24.61036 | 2.498368 | 1.240363 | 24.23221 | 2.470503 | 2.557888 |
| #2 | 2.491394 | 24.62968 | 2.494720 | 1.224699 | 24.18138 | 2.484623 | 2.558701 |
| #3 | 2.501642 | 24.68617 | 2.501726 | 1.235947 | 24.62556 | 2.496498 | 2.540105 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.94638 | 5.006861 | 4.956442 | 5.055676 | 5.124663 | 4.939253 | 5.044023 |
| Stddev | .01350   | .007454  | .053572  | .008498  | .007609  | .053470  | .004837  |
| %RSD   | .0541073 | .1488771 | 1.080852 | .1680868 | .1484725 | 1.082545 | .0958927 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.94028 | 5.000758 | 5.013452 | 5.051713 | 5.128614 | 4.998432 | 5.039823 |
| #2 | 24.93701 | 5.015169 | 4.948732 | 5.049884 | 5.129482 | 4.924907 | 5.042935 |
| #3 | 24.96185 | 5.004655 | 4.907143 | 5.065432 | 5.115891 | 4.894419 | 5.049312 |

Sample Name: CCV01      Acquired: 12/07/2019 13:49:11      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.103602</b> | <b>5.006548</b> | <b>5.154539</b> |
| Stddev | .006283         | .024863         | .060373         |
| %RSD   | .1231132        | .4966129        | 1.171267        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.101037</b> | <b>4.986639</b> | <b>5.091648</b> |
| #2 | <b>5.099008</b> | <b>4.998589</b> | <b>5.159935</b> |
| #3 | <b>5.110762</b> | <b>5.034416</b> | <b>5.212033</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1560.714</b> | <b>3136.900</b> | <b>36998.39</b> | <b>7830.471</b> | <b>3566.101</b> |
| Stddev    | 12.580          | 3.320           | 133.42          | 46.293          | 1.643           |
| %RSD      | .8060722        | .1058379        | .3605985        | .5911964        | .0460842        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1547.300</b> | <b>3136.507</b> | <b>36978.89</b> | <b>7806.064</b> | <b>3567.155</b> |
| #2 | <b>1572.250</b> | <b>3140.399</b> | <b>37140.49</b> | <b>7801.489</b> | <b>3566.941</b> |
| #3 | <b>1562.592</b> | <b>3133.794</b> | <b>36875.80</b> | <b>7883.861</b> | <b>3564.207</b> |

Sample Name: LLCCV01      Acquired: 12/07/2019 14:06:39      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0201591</b> | <b>.0383253</b> | <b>.0108890</b> | <b>.0225887</b> | <b>.0529756</b> | <b>.1036487</b> | <b>.1012080</b> |
| Stddev | .0011619        | .0014791        | .0004775        | .0019784        | .0007167        | .0087361        | .0002091        |
| %RSD   | 5.763865        | 3.859189        | 4.384743        | 8.758511        | 1.352923        | 8.428617        | .2065756        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0191509</b> | <b>.0382742</b> | <b>.0105428</b> | <b>.0246558</b> | <b>.0535148</b> | <b>.0954332</b> | <b>.1011572</b> |
| #2 | <b>.0198965</b> | <b>.0368725</b> | <b>.0106906</b> | <b>.0223974</b> | <b>.0521623</b> | <b>.1128259</b> | <b>.1010290</b> |
| #3 | <b>.0214299</b> | <b>.0398293</b> | <b>.0114337</b> | <b>.0207128</b> | <b>.0532498</b> | <b>.1026869</b> | <b>.1014378</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0062835</b> | <b>.0064929</b> | <b>2.061618</b> | <b>.0111448</b> | <b>.0313835</b> | <b>.0216645</b> | <b>.1007598</b> |
| Stddev | .0001600        | .0000890        | .016933         | .0002075        | .0001498        | .0031055        | .0120448        |
| %RSD   | 2.545832        | 1.370072        | .8213480        | 1.861906        | .4774534        | 14.33447        | 11.95395        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0063399</b> | <b>.0064069</b> | <b>2.043110</b> | <b>.0109899</b> | <b>.0312158</b> | <b>.0249705</b> | <b>.0944972</b> |
| #2 | <b>.0064076</b> | <b>.0064874</b> | <b>2.065411</b> | <b>.0110640</b> | <b>.0315042</b> | <b>.0212144</b> | <b>.0931366</b> |
| #3 | <b>.0061029</b> | <b>.0065846</b> | <b>2.076333</b> | <b>.0113806</b> | <b>.0314304</b> | <b>.0188087</b> | <b>.1146457</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0221402</b> | <b>2.094658</b> | <b>.0418312</b> | <b>.0103948</b> | <b>2.022411</b> | <b>.0381217</b> | <b>.0440678</b> |
| Stddev | .0002124        | .033980         | .0004328        | .0002378        | .283031         | .0037176        | .0004522        |
| %RSD   | .9592730        | 1.622211        | 1.034733        | 2.287989        | 13.99473        | 9.751785        | 1.026205        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0220749</b> | <b>2.109177</b> | <b>.0415046</b> | <b>.0103975</b> | <b>1.870357</b> | <b>.0412228</b> | <b>.0435686</b> |
| #2 | <b>.0223776</b> | <b>2.055830</b> | <b>.0416669</b> | <b>.0106313</b> | <b>1.847907</b> | <b>.0391417</b> | <b>.0441848</b> |
| #3 | <b>.0219681</b> | <b>2.118965</b> | <b>.0423222</b> | <b>.0101556</b> | <b>2.348970</b> | <b>.0340007</b> | <b>.0444500</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1.830977</b> | <b>.0189558</b> | <b>.0999840</b> | <b>.2097349</b> | <b>.0158581</b> | <b>.3571772</b> | <b>.0357900</b> |
| Stddev | .042460         | .0021224        | .0021904        | .0005742        | .0042678        | .0058500        | .0002425        |
| %RSD   | 2.318979        | 11.19657        | 2.190697        | .2737758        | 26.91252        | 1.637857        | .6774128        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1.797959</b> | <b>.0173157</b> | <b>.1015248</b> | <b>.2096856</b> | <b>.0111633</b> | <b>.3622610</b> | <b>.0358360</b> |
| #2 | <b>1.878874</b> | <b>.0213529</b> | <b>.1009504</b> | <b>.2091869</b> | <b>.0169083</b> | <b>.3584875</b> | <b>.0355278</b> |
| #3 | <b>1.816096</b> | <b>.0181987</b> | <b>.0974766</b> | <b>.2103321</b> | <b>.0195028</b> | <b>.3507831</b> | <b>.0360061</b> |

Sample Name: LLCCV01      Acquired: 12/07/2019 14:06:39      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0399393</b> | <b>.0128791</b> | <b>.0216970</b> |
| Stddev | .0001669        | .0009098        | .0000127        |
| %RSD   | .4178025        | 7.063922        | .0583624        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0397625</b> | <b>.0122968</b> | <b>.0216835</b> |
| #2 | <b>.0399613</b> | <b>.0139274</b> | <b>.0216990</b> |
| #3 | <b>.0400941</b> | <b>.0124130</b> | <b>.0217086</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1563.648</b> | <b>3184.269</b> | <b>37113.90</b> | <b>7845.045</b> | <b>3666.410</b> |
| Stddev    | 18.248          | 5.807           | 192.63          | 44.058          | 4.809           |
| %RSD      | 1.167025        | .1823590        | .5190171        | .5616067        | .1311745        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1584.706 | 3177.835 | 37328.93 | 7809.213 | 3663.122 |
| #2 | 1552.457 | 3189.120 | 37055.67 | 7831.685 | 3671.930 |
| #3 | 1553.782 | 3185.853 | 36957.11 | 7894.237 | 3664.177 |

Sample Name: CCB01      Acquired: 12/07/2019 14:10:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014290 | -.004001 | -.000194 | -.001880 | .0005104 | .0011190 | -.000692 |
| Stddev | .0010032 | .001115  | .001218  | .001552  | .0017661 | .0031535 | .000717  |
| %RSD   | 70.20223 | 27.86417 | 629.4382 | 82.53920 | 345.9927 | 281.8026 | 103.6199 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023400 | -.002868 | .001210  | -.000093 | -.001174 | .0041013 | .000040  |
| #2 | .0003539 | -.004039 | -.000976 | -.002886 | .002348  | .0014374 | -.000723 |
| #3 | .0015930 | -.005097 | -.000816 | -.002660 | .000358  | -.002182 | -.001392 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000000 | -.000029 | .0031372 | -.000333 | .0000632 | .0022821 | -.007355 |
| Stddev | .000095  | .000025  | .0142470 | .000670  | .0000979 | .0018344 | .003629  |
| %RSD   | 23938.26 | 86.69806 | 454.1269 | 201.0588 | 154.9576 | 80.38109 | 49.34190 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000069  | -.000046 | -.012109 | .000224  | .0001693 | .0011805 | -.007014 |
| #2 | .000039  | -.000000 | .016113  | -.000148 | -.000024 | .0043996 | -.003909 |
| #3 | -.000109 | -.000041 | .005408  | -.001077 | .000044  | .0012661 | -.011143 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004506 | .0333124 | -.000090 | .0004023 | -.288704 | .0011302 | -.000145 |
| Stddev | .0004436 | .0127535 | .000295  | .0001957 | .230847  | .0020987 | .000203  |
| %RSD   | 98.45659 | 38.28440 | 328.5071 | 48.62705 | 79.95967 | 185.6894 | 139.7394 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000991 | .0185996 | .000126  | .0002005 | -.022323 | .0003704 | .000073  |
| #2 | .0003035 | .0412176 | -.000426 | .0004154 | -.413464 | .0035030 | -.000329 |
| #3 | .0009490 | .0401200 | .000031  | .0005912 | -.430326 | -.000483 | -.000181 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.152647 | -.000785 | -.002207 | .0000362 | -.003340 | -.018525 | -.003046 |
| Stddev | .084278  | .002391  | .000340  | .0002677 | .002808  | .000932  | .000499  |
| %RSD   | 55.21101 | 304.4987 | 15.39237 | 740.0379 | 84.07632 | 5.032134 | 16.37981 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.139768 | -.003225 | -.002583 | .0003379 | -.006122 | -.019596 | -.003592 |
| #2 | -.242622 | -.000684 | -.001921 | -.000057 | -.003390 | -.018081 | -.002615 |
| #3 | -.075549 | .001553  | -.002118 | -.000173 | -.000507 | -.017897 | -.002930 |

Sample Name: CCB01      Acquired: 12/07/2019 14:10:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CB01      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000856</b> | <b>-.008539</b> | <b>-.000058</b> |
| Stddev | .002027         | .001159         | .000081         |
| %RSD   | 236.6510        | 13.57707        | 140.1473        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000200  | -.008559 | .000027  |
| #2 | .000424  | -.007370 | -.000134 |
| #3 | -.003193 | -.009688 | -.000066 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1572.656</b> | <b>3179.270</b> | <b>37157.68</b> | <b>7796.617</b> | <b>3657.549</b> |
| Stddev    | 1.725           | 2.401           | 128.07          | 66.639          | 4.250           |
| %RSD      | .1096728        | .0755112        | .3446752        | .8547219        | .1161946        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1574.176 | 3181.297 | 37188.70 | 7752.350 | 3662.422 |
| #2 | 1573.012 | 3176.619 | 37016.95 | 7873.259 | 3654.611 |
| #3 | 1570.782 | 3179.895 | 37267.40 | 7764.243 | 3655.615 |

Sample Name: LR CHECK 1      Acquired: 12/07/2019 14:23:22      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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>-.038554</b> | <b>-.122170</b> | <b>.0704677</b> | <b>.0010176</b> | <b>.0281490</b> | <b>2139.763</b> | <b>.0215049</b> |
| Stddev | .009902         | .004076         | .0079177        | .0042486        | .0083082        | 25.079          | .0004746        |
| %RSD   | 25.68252        | 3.336515        | 11.23591        | 417.5354        | 29.51511        | 1.172030        | 2.206707        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.035545</b> | <b>-.119530</b> | <b>.0616131</b> | <b>-.002622</b> | <b>.0188001</b> | <b>2114.721</b> | <b>.0220414</b> |
| #2 | <b>-.030506</b> | <b>-.120115</b> | <b>.0768665</b> | <b>.005686</b>  | <b>.0309597</b> | <b>2164.878</b> | <b>.0213331</b> |
| #3 | <b>-.049611</b> | <b>-.126865</b> | <b>.0729234</b> | <b>-.000012</b> | <b>.0346874</b> | <b>2139.691</b> | <b>.0211401</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0093110</b> | <b>-.013260</b> | <b>1804.617</b> | <b>.0640059</b> | <b>.0198830</b> | <b>.1959654</b> | <b>872.7382</b> |
| Stddev | .0002536        | .000279         | 18.837          | .0007060        | .0004130        | .0024643        | 1.2483          |
| %RSD   | 2.723336        | 2.104024        | 1.043834        | 1.102946        | 2.077126        | 1.257526        | .1430344        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0095409</b> | <b>-.013281</b> | <b>1810.328</b> | <b>.0647408</b> | <b>.0195843</b> | <b>.1939624</b> | <b>873.6594</b> |
| #2 | <b>.0090390</b> | <b>-.012971</b> | <b>1819.938</b> | <b>.0633329</b> | <b>.0203543</b> | <b>.1987173</b> | <b>873.2377</b> |
| #3 | <b>.0093532</b> | <b>-.013528</b> | <b>1783.585</b> | <b>.0639440</b> | <b>.0197103</b> | <b>.1952166</b> | <b>871.3175</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0172743</b> | <b>1852.613</b> | <b>.1080579</b> | <b>.0027481</b> | <b>1795.653</b> | <b>.0182436</b> | <b>.1849728</b> |
| Stddev | .0001781        | 3.416           | .0011462        | .0006352        | 5.345           | .0042018        | .0017887        |
| %RSD   | 1.031022        | .1843687        | 1.060756        | 23.11591        | .2976433        | 23.03173        | .9669990        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0174747</b> | <b>1855.524</b> | <b>.1086735</b> | <b>.0021595</b> | <b>1800.683</b> | <b>.0145835</b> | <b>.1831043</b> |
| #2 | <b>.0171342</b> | <b>1853.461</b> | <b>.1067354</b> | <b>.0034215</b> | <b>1796.234</b> | <b>.0228319</b> | <b>.1851451</b> |
| #3 | <b>.0172140</b> | <b>1848.853</b> | <b>.1087648</b> | <b>.0026633</b> | <b>1790.041</b> | <b>.0173154</b> | <b>.1866692</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>1037.901</b> | <b>-.051902</b> | <b>-.688820</b> | <b>.0088186</b> | <b>.2094721</b> | <b>-.015926</b> | <b>.0037678</b> |
| Stddev | 4.209           | .001544         | .026731         | .0010201        | .0098733        | .003009         | .0061015        |
| %RSD   | .4055695        | 2.974195        | 3.880719        | 11.56720        | 4.713426        | 18.89048        | 161.9388        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1036.462</b> | <b>-.050862</b> | <b>-.664248</b> | <b>.0076873</b> | <b>.2110766</b> | <b>-.012651</b> | <b>-.002729</b> |
| #2 | <b>1042.641</b> | <b>-.051168</b> | <b>-.717283</b> | <b>.0096682</b> | <b>.2184448</b> | <b>-.018566</b> | <b>.009377</b>  |
| #3 | <b>1034.599</b> | <b>-.053675</b> | <b>-.684928</b> | <b>.0091002</b> | <b>.1988948</b> | <b>-.016562</b> | <b>.004656</b>  |

Sample Name: LR CHECK 1      Acquired: 12/07/2019 14:23:22      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.042985</b> | <b>.0579797</b> | <b>.0162007</b> |
| Stddev | .001121         | .0061250        | .0000821        |
| %RSD   | 2.608847        | 10.56401        | .5066394        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.041961</b> | <b>.0522034</b> | <b>.0161448</b> |
| #2 | <b>-.044183</b> | <b>.0573335</b> | <b>.0162949</b> |
| #3 | <b>-.042810</b> | <b>.0644022</b> | <b>.0161624</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1280.714</b> | <b>2604.897</b> | <b>30629.79</b> | <b>7330.834</b> | <b>2415.613</b> |
| Stddev    | 2.022           | 3.910           | 24.26           | 68.460          | 2.706           |
| %RSD      | .1578768        | .1501145        | .0791947        | .9338608        | .1120368        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1282.722</b> | <b>2600.712</b> | <b>30603.81</b> | <b>7350.894</b> | <b>2416.208</b> |
| #2 | <b>1280.741</b> | <b>2608.458</b> | <b>30633.68</b> | <b>7254.585</b> | <b>2417.972</b> |
| #3 | <b>1278.679</b> | <b>2605.521</b> | <b>30651.86</b> | <b>7387.023</b> | <b>2412.658</b> |



Sample Name: LR CHECK 2      Acquired: 12/07/2019 14:27:25      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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>.0297837</b> | <b>-.000060</b> | <b>273.6467</b> | <b>.0095639</b> | <b>-.005473</b> | <b>.8897614</b> | <b>99.72497</b> |
| Stddev | .0045996        | .001834         | .5188           | .0033452        | .002370         | .0277845        | .49981          |
| %RSD   | 15.44344        | 3034.356        | .1895962        | 34.97744        | 43.30660        | 3.122689        | .5011924        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0335172 | .001802  | 273.6226 | .0076028 | -.006841 | .8595666 | 99.16599 |
| #2 | .0246455 | -.000119 | 274.1772 | .0134264 | -.006842 | .9142495 | 99.88009 |
| #3 | .0311883 | -.001865 | 273.1404 | .0076625 | -.002736 | .8954680 | 100.1288 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003165</b> | <b>.0019681</b> | <b>.8431060</b> | <b>-.117423</b> | <b>-.004676</b> | <b>252.1087</b> | <b>.5631862</b> |
| Stddev | .000050         | .0000487        | .0341448        | .002276         | .000435         | 3.4453          | .0150217        |
| %RSD   | 1.575979        | 2.473794        | 4.049883        | 1.938474        | 9.311669        | 1.366592        | 2.667271        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003149 | .0019124 | .8112038 | -.116177 | -.004470 | 249.5011 | .5472034 |
| #2 | -.003125 | .0020029 | .8791209 | -.116042 | -.005176 | 250.8106 | .5770140 |
| #3 | -.003221 | .0019889 | .8389934 | -.120050 | -.004381 | 256.0145 | .5653413 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>47.19271</b> | <b>.3997094</b> | <b>52.39741</b> | <b>.0090449</b> | <b>28.13713</b> | <b>-.007645</b> | <b>32.46230</b> |
| Stddev | .06408          | .0508721        | .03009          | .0003722        | .08911          | .002923         | .10615          |
| %RSD   | .1357874        | 12.72726        | .0574304        | 4.115229        | .3166929        | 38.22894        | .3269845        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 47.18525 | .3538678 | 52.36464 | .0092698 | 28.20514 | -.004564 | 32.39084 |
| #2 | 47.13269 | .4544402 | 52.42379 | .0086153 | 28.03626 | -.007994 | 32.58427 |
| #3 | 47.26020 | .3908200 | 52.40381 | .0092497 | 28.17000 | -.010377 | 32.41178 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.745348</b> | <b>-1.10474</b> | <b>-.005466</b> | <b>-.022079</b> | <b>-.713266</b> | <b>-.003795</b> | <b>-.004223</b> |
| Stddev | .053096         | .01586          | .000574         | .000322         | .006025         | .001272         | .002308         |
| %RSD   | 7.123663        | 1.435688        | 10.51041        | 1.458319        | .8446374        | 33.50222        | 54.66737        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.724873 | -1.09945 | -.005097 | -.021709 | -.712422 | -.004167 | -.006601 |
| #2 | -.705538 | -1.09219 | -.006128 | -.022297 | -.707708 | -.004839 | -.001991 |
| #3 | -.805633 | -1.12256 | -.005173 | -.022232 | -.719668 | -.002379 | -.004076 |

Sample Name: LR CHECK 2      Acquired: 12/07/2019 14:27:25      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0025643</b> | <b>.0028877</b> | <b>.0065678</b> |
| Stddev | .0014219        | .0017301        | .0000295        |
| %RSD   | 55.44913        | 59.91190        | .4483313        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0023171</b> | <b>.0048833</b> | <b>.0065339</b> |
| #2 | <b>.0040936</b> | <b>.0019697</b> | <b>.0065816</b> |
| #3 | <b>.0012823</b> | <b>.0018102</b> | <b>.0065877</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1538.575</b> | <b>2530.159</b> | <b>39287.07</b> | <b>8039.706</b> | <b>3615.258</b> |
| Stddev    | 3.382           | 9.000           | 40.56           | 68.687          | 2.097           |
| %RSD      | .2198097        | .3556999        | .1032480        | .8543461        | .0580091        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1535.154 | 2533.470 | 39323.88 | 8105.069 | 3616.852 |
| #2 | 1541.917 | 2537.035 | 39293.75 | 8045.930 | 3612.882 |
| #3 | 1538.653 | 2519.973 | 39243.58 | 7968.119 | 3616.039 |

Sample Name: PB125277BS      Acquired: 12/07/2019 14:35:16      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125277BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8618140</b> | <b>2.151080</b> | <b>1.099217</b> | <b>2.160614</b> | <b>.8733142</b> | <b>2.234671</b> |
| Stddev | .0063956        | .010220         | .001492         | .009049         | .0028875        | .190454         |
| %RSD   | .7421098        | .4751146        | .1357532        | .4188368        | .3306384        | 8.522708        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8581183 | 2.139327 | 1.100423 | 2.150232 | .8700247 | 2.023853 |
| #2 | .8581246 | 2.157874 | 1.099680 | 2.164782 | .8754302 | 2.394300 |
| #3 | .8691990 | 2.156040 | 1.097548 | 2.166829 | .8744877 | 2.285859 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2179908</b> | <b>.2210405</b> | <b>.2237832</b> | <b>1.069382</b> | <b>.4511924</b> | <b>.2223880</b> |
| Stddev | .0157995        | .0111904        | .0004093        | .080806         | .0015799        | .0001063        |
| %RSD   | 7.247775        | 5.062616        | .1828844        | 7.556309        | .3501517        | .0477855        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2004948 | .2092584 | .2234632 | .979243  | .4519375 | .2225029 |
| #2 | .2312156 | .2315263 | .2236420 | 1.135329 | .4522619 | .2223679 |
| #3 | .2222620 | .2223370 | .2242443 | 1.093574 | .4493778 | .2222932 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3382335</b> | <b>3.428256</b> | <b>.2227694</b> | <b>2.226338</b> | <b>.5541792</b> | <b>.0796718</b> |
| Stddev | .0260478        | .264885         | .0165870        | .168301         | .0006311        | .0004467        |
| %RSD   | 7.701142        | 7.726529        | 7.445801        | 7.559542        | .1138753        | .5607219        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3106669 | 3.131079 | .2044167 | 2.048888 | .5539889 | .0798009 |
| #2 | .3624356 | 3.639521 | .2366904 | 2.383684 | .5548836 | .0791747 |
| #3 | .3415981 | 3.514168 | .2272011 | 2.246443 | .5536652 | .0800398 |

|        |                 |                 |                   |                 |                 |                 |
|--------|-----------------|-----------------|-------------------|-----------------|-----------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138            | K_7698          | P_1774          | B_2496          |
| Units  | ppm             | ppm             | ppm               | ppm             | ppm             | ppm             |
| Avg    | <b>3.335294</b> | <b>.3326004</b> | <b>F .2312261</b> | <b>8.632445</b> | <b>6.257427</b> | <b>.3126956</b> |
| Stddev | .243483         | .0244960        | .0011920          | .840916         | .016344         | .0170871        |
| %RSD   | 7.300189        | 7.364991        | .5155143          | 9.741341        | .2611929        | 5.464458        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.131132 | .3051117 | .2313356 | 7.727924 | 6.274548 | .2939432 |
| #2 | 3.604773 | .3521181 | .2299832 | 9.390518 | 6.255744 | .3273850 |
| #3 | 3.269977 | .3405714 | .2323596 | 8.778893 | 6.241990 | .3167587 |

Sample Name: PB125277BS      Acquired: 12/07/2019 14:35:16      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125277BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820          | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4431467</b> | <b>-.011848</b> | <b>.9718573</b> | <b>.7768216</b> | <b>.2161479</b> | <b>.2075450</b> |
| Stddev | .0012981        | .001548         | .0553200        | .0017913        | .0162532        | .0194187        |
| %RSD   | .2929230        | 13.06596        | 5.692197        | .2305982        | 7.519472        | 9.356392        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4435235 | -.010375 | .9132132 | .7747691 | .1987496 | .1866986 |
| #2 | .4417019 | -.011708 | 1.023110 | .7776257 | .2309413 | .2251206 |
| #3 | .4442146 | -.013461 | .979249  | .7780700 | .2187526 | .2108159 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2245201</b> |
| Stddev | .0172994        |
| %RSD   | 7.705032        |

|    |                 |
|----|-----------------|
| #1 | <b>.2059382</b> |
| #2 | <b>.2401595</b> |
| #3 | <b>.2274626</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1648.119</b> | <b>3294.303</b> | <b>38707.83</b> | <b>8079.411</b> | <b>3790.806</b> |
| Stddev    | 1.643           | 7.241           | 59.94           | 459.887         | 5.768           |
| %RSD      | .0997147        | .2197901        | .1548434        | 5.692081        | .1521683        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1648.145 | 3302.348 | 38753.18 | 8577.268 | 3796.447 |
| #2 | 1649.749 | 3292.254 | 38730.44 | 7670.484 | 3791.052 |
| #3 | 1646.462 | 3288.308 | 38639.88 | 7990.480 | 3784.918 |

Sample Name: PB125286BS      Acquired: 12/07/2019 14:38:55      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7459795</b> | <b>1.947244</b> | <b>.9887784</b> | <b>1.637230</b> | <b>.7741096</b> | <b>2.076895</b> |
| Stddev | .0043336        | .005433         | .0002775        | .007600         | .0023108        | .028399         |
| %RSD   | .5809220        | .2790180        | .0280607        | .4642023        | .2985119        | 1.367373        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7479287 | 1.943138 | .9890811 | 1.641887 | .7714419 | 2.052172 |
| #2 | .7410136 | 1.945189 | .9887179 | 1.628460 | .7753958 | 2.070599 |
| #3 | .7489961 | 1.953405 | .9885362 | 1.641343 | .7754912 | 2.107914 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2054250</b> | <b>.1864723</b> | <b>.1969685</b> | <b>.9832138</b> | <b>.4117589</b> | <b>.2029526</b> |
| Stddev | .0023857        | .0005910        | .0001696        | .0057515        | .0007691        | .0005022        |
| %RSD   | 1.161350        | .3169096        | .0860805        | .5849707        | .1867844        | .2474723        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2026704 | .1861152 | .1970485 | .9772234 | .4122680 | .2024193 |
| #2 | .2067754 | .1861473 | .1967738 | .9886923 | .4121345 | .2034167 |
| #3 | .2068291 | .1871544 | .1970834 | .9837257 | .4108741 | .2030218 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3177087</b> | <b>3.173333</b> | <b>.2049125</b> | <b>1.988580</b> | <b>.5004597</b> | <b>.0707695</b> |
| Stddev | .0012798        | .023056         | .0026624        | .008604         | .0003160        | .0009964        |
| %RSD   | .4028133        | .7265564        | 1.299284        | .4326517        | .0631401        | 1.407881        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3166790 | 3.148484 | .2019521 | 1.985828 | .5003539 | .0698074 |
| #2 | .3173058 | 3.194033 | .2071107 | 1.998222 | .5008151 | .0707042 |
| #3 | .3191415 | 3.177481 | .2056746 | 1.981688 | .5002102 | .0717969 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>2.682946</b> | <b>.3084088</b> | <b>.2035485</b> | <b>11.69399</b> | <b>F 5.406756</b> | <b>.2787801</b> |
| Stddev | .126527         | .0056919        | .0007245        | .12375          | .021436           | .0022120        |
| %RSD   | 4.715987        | 1.845558        | .3559257        | 1.058265        | .3964603          | .7934479        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.643792 | .3018784 | .2035479 | 11.56433 | 5.393762 | .2762377 |
| #2 | 2.580624 | .3110316 | .2028243 | 11.70683 | 5.395009 | .2802630 |
| #3 | 2.824422 | .3123163 | .2042733 | 11.81083 | 5.431497 | .2798396 |

Sample Name: PB125286BS      Acquired: 12/07/2019 14:38:55      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |          |            |
|--------|----------|------------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820     | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4166240 | F -.007469 | .8575555 | .7022162 | .2049172 | F .2415824 |
| Stddev | .0011161 | .003423    | .0074039 | .0038985 | .0022256 | .0017708   |
| %RSD   | .2678859 | 45.82882   | .8633694 | .5551654 | 1.086109 | .7329935   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4155709 | -.010186 | .8510103 | .7014335 | .2025164 | .2403215 |
| #2 | .4165072 | -.003625 | .8560650 | .6987685 | .2053235 | .2408188 |
| #3 | .4177939 | -.008598 | .8655913 | .7064467 | .2069117 | .2436068 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2134475 |
| Stddev | .0014875 |
| %RSD   | .6969024 |

|    |          |
|----|----------|
| #1 | .2119095 |
| #2 | .2135542 |
| #3 | .2148788 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1476.652 | 2991.135 | 35601.24 | 7396.907 | 3488.058 |
| Stddev    | 11.846   | 8.842    | 245.43   | 21.735   | 11.220   |
| %RSD      | .8022031 | .2956048 | .6893806 | .2938324 | .3216788 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1469.866 | 2981.414 | 35396.69 | 7375.366 | 3476.196 |
| #2 | 1469.760 | 2993.289 | 35533.65 | 7396.526 | 3489.478 |
| #3 | 1490.331 | 2998.700 | 35873.38 | 7418.830 | 3498.501 |

Sample Name: K6162-01      Acquired: 12/07/2019 14:42:36      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0989559</b> | <b>-.002701</b> | <b>3.211683</b> | <b>-.002354</b> | <b>.0118197</b> | <b>240.3163</b> | <b>1.877126</b> |
| Stddev | .0023779        | .003350         | .004436         | .001841         | .0027827        | 2.7514          | .012275         |
| %RSD   | 2.402995        | 124.0182        | .1381335        | 78.21226        | 23.54289        | 1.144921        | .6539022        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1010653 | -.001610 | 3.207060 | -.004475 | .0091481 | 237.2115 | 1.864128 |
| #2 | .0994235 | -.000033 | 3.215905 | -.001412 | .0147016 | 242.4523 | 1.878731 |
| #3 | .0963790 | -.006461 | 3.212084 | -.001174 | .0116093 | 241.2851 | 1.888519 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0107021</b> | <b>.0016716</b> | <b>55.10724</b> | <b>.7436847</b> | <b>.2080292</b> | <b>1.016768</b> | <b>421.7771</b> |
| Stddev | .0001950        | .0001735        | .32140          | .0023144        | .0003662        | .013841         | 3.4330          |
| %RSD   | 1.821864        | 10.37940        | .5832318        | .3112094        | .1760354        | 1.361318        | .8139447        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0106233 | .0014744 | 54.75205 | .7455476 | .2076968 | 1.001341 | 417.9114 |
| #2 | .0109241 | .0018008 | 55.19165 | .7410938 | .2084217 | 1.028099 | 422.9499 |
| #3 | .0105588 | .0017396 | 55.37801 | .7444127 | .2079689 | 1.020865 | 424.4701 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.955810</b> | <b>132.5432</b> | <b>.5962600</b> | <b>.0050356</b> | <b>30.59554</b> | <b>.7720822</b> | <b>3.821056</b> |
| Stddev | .035921         | .9713           | .0007820        | .0004129        | .29354          | .0056299        | .011826         |
| %RSD   | .7248249        | .7328498        | .1311466        | 8.200234        | .9594349        | .7291874        | .3094843        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.916303 | 131.5063 | .5955706 | .0045747 | 30.27701 | .7655829 | 3.830099 |
| #2 | 4.964623 | 132.6915 | .5971097 | .0051603 | 30.85517 | .7752079 | 3.807674 |
| #3 | 4.986504 | 133.4319 | .5960997 | .0053719 | 30.65443 | .7754557 | 3.825395 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>65.98967</b> | <b>15.21142</b> | <b>-.171608</b> | <b>.0134773</b> | <b>7.741015</b> | <b>1.841410</b> | <b>.0829736</b> |
| Stddev | .59788          | .02784          | .011336         | .0003009        | .008051         | .011167         | .0011880        |
| %RSD   | .9060165        | .1830169        | 6.605991        | 2.232698        | .1040041        | .6064146        | 1.431753        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 65.33287 | 15.19751 | -.171567 | .0133835 | 7.745004 | 1.832508 | .0841283 |
| #2 | 66.50224 | 15.19327 | -.182965 | .0132344 | 7.731748 | 1.853939 | .0817549 |
| #3 | 66.13389 | 15.24347 | -.160292 | .0138139 | 7.746292 | 1.837783 | .0830375 |

Sample Name: K6162-01      Acquired: 12/07/2019 14:42:36      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>15.83402</b> | <b>.5295427</b> | <b>.3695668</b> |
| Stddev | .19274          | .0045277        | .0032279        |
| %RSD   | 1.217251        | .8550259        | .8734265        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 15.62636 | .5243146 | .3663825 |
| #2 | 16.00718 | .5321636 | .3728366 |
| #3 | 15.86852 | .5321501 | .3694814 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1838.722</b> | <b>3664.158</b> | <b>43635.87</b> | <b>9396.440</b> | <b>3442.341</b> |
| Stddev    | 7.146           | 14.863          | 232.81          | 103.450         | 11.153          |
| %RSD      | .3886211        | .4056449        | .5335195        | 1.100944        | .3239990        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1834.055 | 3676.067 | 43689.95 | 9495.460 | 3453.035 |
| #2 | 1846.949 | 3668.906 | 43836.87 | 9289.068 | 3443.208 |
| #3 | 1835.163 | 3647.501 | 43380.78 | 9404.793 | 3430.779 |



Sample Name: K6162-01DUP      Acquired: 12/07/2019 14:46:13      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1000169</b> | <b>-.005120</b> | <b>3.160995</b> | <b>-.007734</b> | <b>.0105122</b> | <b>239.5836</b> | <b>1.869728</b> |
| Stddev | .0048893        | .000898         | .040841         | .003531         | .0015206        | 1.0601          | .010284         |
| %RSD   | 4.888435        | 17.53971        | 1.292037        | 45.65533        | 14.46465        | .4424874        | .5500306        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0952147 | -.006156 | 3.114288 | -.004032 | .0122447 | 239.5471 | 1.859210 |
| #2 | .0998472 | -.004565 | 3.189996 | -.011065 | .0093992 | 238.5423 | 1.879761 |
| #3 | .1049888 | -.004639 | 3.178699 | -.008105 | .0098926 | 240.6616 | 1.870212 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0106873</b> | <b>.0016739</b> | <b>54.38638</b> | <b>.7485863</b> | <b>.2061112</b> | <b>1.030980</b> | <b>413.7803</b> |
| Stddev | .0002119        | .0002687        | .26093          | .0019337        | .0027131        | .003285         | 3.3719          |
| %RSD   | 1.982708        | 16.05294        | .4797644        | .2583175        | 1.316314        | .3186718        | .8149063        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0108893 | .0013707 | 54.29925 | .7506305 | .2030464 | 1.029195 | 410.0602 |
| #2 | .0104667 | .0018824 | 54.67972 | .7467863 | .2070813 | 1.028973 | 416.6356 |
| #3 | .0107059 | .0017686 | 54.18017 | .7483420 | .2082059 | 1.034771 | 414.6451 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>4.893632</b> | <b>130.0056</b> | <b>.5917340</b> | <b>.0051342</b> | <b>30.20994</b> | <b>.7714335</b> | <b>3.868978</b> |
| Stddev | .027007         | 1.1066          | .0064853        | .0004436        | .25291          | .0059009        | .004967         |
| %RSD   | .5518759        | .8512171        | 1.095975        | 8.640196        | .8371763        | .7649262        | .1283784        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.863925 | 128.7653 | .5842578 | .0046266 | 29.91921 | .7658515 | 3.867174 |
| #2 | 4.916701 | 130.8919 | .5958444 | .0053286 | 30.37920 | .7776085 | 3.865166 |
| #3 | 4.900271 | 130.3596 | .5950997 | .0054475 | 30.33142 | .7708405 | 3.874595 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>66.47194</b> | <b>15.26226</b> | <b>-.174876</b> | <b>.0126114</b> | <b>7.764112</b> | <b>1.859287</b> | <b>.0828729</b> |
| Stddev | .19498          | .16300          | .013441         | .0004980        | .065949         | .019373         | .0022332        |
| %RSD   | .2933201        | 1.067984        | 7.685956        | 3.949050        | .8494092        | 1.041982        | 2.694758        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 66.44798 | 15.07911 | -.190194 | .0121607 | 7.687962 | 1.878048 | .0810174 |
| #2 | 66.29005 | 15.31628 | -.169380 | .0125275 | 7.802540 | 1.839355 | .0822498 |
| #3 | 66.67778 | 15.39139 | -.165054 | .0131461 | 7.801835 | 1.860458 | .0853515 |

Sample Name: K6162-01DUP      Acquired: 12/07/2019 14:46:13      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1DUP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>16.04088</b> | <b>.5302796</b> | <b>.3679483</b> |
| Stddev | .07960          | .0010562        | .0006774        |
| %RSD   | .4962148        | .1991788        | .1841093        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>16.06336</b> | <b>.5304243</b> | <b>.3672684</b> |
| #2 | <b>15.95245</b> | <b>.5312561</b> | <b>.3679531</b> |
| #3 | <b>16.10681</b> | <b>.5291586</b> | <b>.3686233</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1834.285</b> | <b>3650.370</b> | <b>43768.97</b> | <b>9348.613</b> | <b>3436.768</b> |
| Stddev    | 6.571           | 29.059          | 15.80           | 33.681          | 37.505          |
| %RSD      | .3582366        | .7960519        | .0361012        | .3602805        | 1.091283        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1836.768</b> | <b>3683.903</b> | <b>43783.16</b> | <b>9316.769</b> | <b>3479.884</b> |
| #2 | <b>1839.252</b> | <b>3632.566</b> | <b>43771.81</b> | <b>9345.200</b> | <b>3411.693</b> |
| #3 | <b>1826.834</b> | <b>3634.642</b> | <b>43751.95</b> | <b>9383.871</b> | <b>3418.727</b> |

Sample Name: K6162-01LX5      Acquired: 12/07/2019 14:49:51      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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    | .0250254 | .0012408 | .6379604 | -.002307 | .0027998 | 52.26015 | .4173838 |
| Stddev | .0011392 | .0005281 | .0033145 | .001162  | .0019505 | .55332   | .0022862 |
| %RSD   | 4.552022 | 42.56344 | .5195413 | 50.38072 | 69.66648 | 1.058775 | .5477412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0256585 | .0018504 | .6394997 | -.002969 | .0049203 | 51.74765 | .4148378 |
| #2 | .0257074 | .0009218 | .6402254 | -.000965 | .0010823 | 52.18600 | .4180529 |
| #3 | .0237103 | .0009502 | .6341562 | -.002987 | .0023968 | 52.84681 | .4192608 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0024026 | -.000117 | 12.54443 | .1718591 | .0401003 | .2354679 | 95.01068 |
| Stddev | .0001388 | .000019  | .06610   | .0005263 | .0004386 | .0027500 | .09532   |
| %RSD   | 5.778579 | 16.03322 | .5269339 | .3062298 | 1.093653 | 1.167900 | .1003215 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025624 | -.000110 | 12.51587 | .1721294 | .0405367 | .2365308 | 94.95200 |
| #2 | .0023335 | -.000102 | 12.49740 | .1721953 | .0401045 | .2323451 | 95.12066 |
| #3 | .0023118 | -.000138 | 12.62000 | .1712526 | .0396596 | .2375279 | 94.95937 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.124626 | 28.99869 | .1188758 | .0016954 | 6.932696 | .1738752 | .8956187 |
| Stddev | .002743  | .07721   | .0006167 | .0002264 | .095143  | .0009265 | .0010316 |
| %RSD   | .2439155 | .2662543 | .5187311 | 13.35163 | 1.372378 | .5328375 | .1151843 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.121538 | 28.91017 | .1182531 | .0014685 | 6.843112 | .1748965 | .8944519 |
| #2 | 1.125560 | 29.03372 | .1188881 | .0016963 | 7.032563 | .1736402 | .8959946 |
| #3 | 1.126781 | 29.05217 | .1194862 | .0019212 | 6.922414 | .1730888 | .8964097 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.35099 | 3.039488 | -.041567 | .0027000 | 1.526806 | .4115052 | .0133957 |
| Stddev | .10760   | .008167  | .002031  | .0003359 | .003260  | .0043619 | .0000986 |
| %RSD   | .7497704 | .2686836 | 4.885052 | 12.44000 | .2134871 | 1.059989 | .7363500 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 14.25330 | 3.048094 | -.043036 | .0023334 | 1.524456 | .4093965 | .0133688 |
| #2 | 14.33335 | 3.038524 | -.039250 | .0029929 | 1.525436 | .4085984 | .0133133 |
| #3 | 14.46632 | 3.031846 | -.042416 | .0027736 | 1.530527 | .4165208 | .0135050 |

Sample Name: K6162-01LX5      Acquired: 12/07/2019 14:49:51      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>3.564788</b> | <b>.1174578</b> | <b>.0834018</b> |
| Stddev | .040421         | .0008045        | .0006598        |
| %RSD   | 1.133900        | .6849251        | .7911583        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>3.525867</b> | <b>.1172405</b> | <b>.0827867</b> |
| #2 | <b>3.561939</b> | <b>.1183486</b> | <b>.0833200</b> |
| #3 | <b>3.606559</b> | <b>.1167843</b> | <b>.0840987</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1664.383</b> | <b>3297.818</b> | <b>39413.12</b> | <b>8269.419</b> | <b>3625.119</b> |
| Stddev    | 9.519           | 4.431           | 99.36           | 72.559          | 2.220           |
| %RSD      | .5719441        | .1343681        | .2520916        | .8774373        | .0612307        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1675.303</b> | <b>3297.424</b> | <b>39524.45</b> | <b>8272.254</b> | <b>3622.937</b> |
| #2 | <b>1660.008</b> | <b>3302.433</b> | <b>39381.46</b> | <b>8340.518</b> | <b>3627.374</b> |
| #3 | <b>1657.837</b> | <b>3293.597</b> | <b>39333.46</b> | <b>8195.483</b> | <b>3625.044</b> |

Sample Name: K6162-01MS      Acquired: 12/07/2019 14:53:35      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7631112</b> | <b>1.954571</b> | <b>4.327493</b> | <b>1.582538</b> | <b>.1442168</b> | <b>231.6400</b> | <b>2.133662</b> |
| Stddev | .0024418        | .006519         | .008229         | .002663         | .0010619        | 1.4909          | .009723         |
| %RSD   | .3199760        | .3335248        | .1901538        | .1682542        | .7363316        | .6436326        | .4556901        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7657990</b> | <b>1.950829</b> | <b>4.320205</b> | <b>1.584135</b> | <b>.1437495</b> | <b>231.1121</b> | <b>2.122549</b> |
| #2 | <b>.7610297</b> | <b>1.950787</b> | <b>4.325855</b> | <b>1.584015</b> | <b>.1434687</b> | <b>233.3230</b> | <b>2.140603</b> |
| #3 | <b>.7625050</b> | <b>1.962099</b> | <b>4.336417</b> | <b>1.579464</b> | <b>.1454322</b> | <b>230.4848</b> | <b>2.137834</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1760943</b> | <b>.2046547</b> | <b>59.60440</b> | <b>1.066534</b> | <b>.4127722</b> | <b>1.270480</b> | <b>375.8193</b> |
| Stddev | .0014651        | .0003878        | .24786          | .001297         | .0011431        | .007873         | 1.4339          |
| %RSD   | .8319684        | .1894891        | .4158453        | .1215887        | .2769226        | .6197143        | .3815484        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1744318</b> | <b>.2042509</b> | <b>59.32147</b> | <b>1.065428</b> | <b>.4115012</b> | <b>1.270499</b> | <b>374.2311</b> |
| #2 | <b>.1771966</b> | <b>.2050241</b> | <b>59.78329</b> | <b>1.066213</b> | <b>.4130994</b> | <b>1.278344</b> | <b>376.2081</b> |
| #3 | <b>.1766545</b> | <b>.2046891</b> | <b>59.70843</b> | <b>1.067961</b> | <b>.4137159</b> | <b>1.262597</b> | <b>377.0188</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.114913</b> | <b>124.5445</b> | <b>1.064516</b> | <b>.0694991</b> | <b>34.03817</b> | <b>.9713894</b> | <b>4.714181</b> |
| Stddev | .018102         | .6326           | .000803         | .0005370        | .39406          | .0063367        | .024734         |
| %RSD   | .3539054        | .5079566        | .0754777        | .7727175        | 1.157711        | .6523342        | .5246711        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>5.094419</b> | <b>123.8251</b> | <b>1.063591</b> | <b>.0688968</b> | <b>33.78184</b> | <b>.9642171</b> | <b>4.724621</b> |
| #2 | <b>5.128721</b> | <b>124.7939</b> | <b>1.065039</b> | <b>.0696726</b> | <b>33.84075</b> | <b>.9737220</b> | <b>4.685939</b> |
| #3 | <b>5.121600</b> | <b>125.0144</b> | <b>1.064919</b> | <b>.0699280</b> | <b>34.49193</b> | <b>.9762293</b> | <b>4.731983</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>70.45183</b> | <b>21.10240</b> | <b>.0793529</b> | <b>.3495446</b> | <b>8.254758</b> | <b>2.474210</b> | <b>.7679641</b> |
| Stddev | .18695          | .01438          | .0031489        | .0010909        | .024246         | .030287         | .0021006        |
| %RSD   | .2653590        | .0681505        | 3.968179        | .3120900        | .2937222        | 1.224104        | .2735313        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>70.29061</b> | <b>21.09403</b> | <b>.0762860</b> | <b>.3497759</b> | <b>8.232080</b> | <b>2.440167</b> | <b>.7659266</b> |
| #2 | <b>70.65676</b> | <b>21.09417</b> | <b>.0791950</b> | <b>.3483566</b> | <b>8.251879</b> | <b>2.498167</b> | <b>.7701226</b> |
| #3 | <b>70.40810</b> | <b>21.11901</b> | <b>.0825778</b> | <b>.3505013</b> | <b>8.280315</b> | <b>2.484297</b> | <b>.7678431</b> |

Sample Name: K6162-01MS      Acquired: 12/07/2019 14:53:35      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1MS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>14.71939</b> | <b>.7384922</b> | <b>.5565110</b> |
| Stddev | .12185          | .0035024        | .0011598        |
| %RSD   | .8277985        | .4742681        | .2084130        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>14.70444</b> | <b>.7346763</b> | <b>.5553821</b> |
| #2 | <b>14.84802</b> | <b>.7415603</b> | <b>.5576995</b> |
| #3 | <b>14.60571</b> | <b>.7392400</b> | <b>.5564513</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1820.031</b> | <b>3604.480</b> | <b>43366.71</b> | <b>9246.146</b> | <b>3412.033</b> |
| Stddev    | 13.565          | 2.345           | 230.93          | 31.981          | 5.528           |
| %RSD      | .7453275        | .0650518        | .5325113        | .3458801        | .1620284        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1830.990</b> | <b>3601.773</b> | <b>43508.26</b> | <b>9209.353</b> | <b>3418.379</b> |
| #2 | <b>1824.244</b> | <b>3605.799</b> | <b>43491.64</b> | <b>9261.813</b> | <b>3409.463</b> |
| #3 | <b>1804.859</b> | <b>3605.868</b> | <b>43100.22</b> | <b>9267.272</b> | <b>3408.258</b> |

Sample Name: K6162-01MSD      Acquired: 12/07/2019 14:57:10      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7658907</b> | <b>1.957197</b> | <b>4.449354</b> | <b>1.591454</b> | <b>.1493120</b> | <b>232.7169</b> | <b>2.229205</b> |
| Stddev | .0060758        | .008379         | .005164         | .005007         | .0019781        | 2.7996          | .003300         |
| %RSD   | .7932993        | .4281378        | .1160651        | .3146267        | 1.324834        | 1.203025        | .1480352        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7728943 | 1.960252 | 4.444269 | 1.591055 | .1498844 | 229.5602 | 2.228279 |
| #2 | .7620315 | 1.947719 | 4.449198 | 1.586659 | .1509409 | 234.8988 | 2.232869 |
| #3 | .7627464 | 1.963621 | 4.454594 | 1.596649 | .1471108 | 233.6918 | 2.226467 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1792063</b> | <b>.2053221</b> | <b>59.99672</b> | <b>1.075948</b> | <b>.4173552</b> | <b>1.294816</b> | <b>378.7174</b> |
| Stddev | .0007531        | .0005055        | .13310          | .002745         | .0004228        | .007186         | 2.8185          |
| %RSD   | .4202718        | .2462147        | .2218418        | .2551502        | .1012933        | .5549438        | .7442126        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1800759 | .2048550 | 59.97663 | 1.074009 | .4168672 | 1.286566 | 381.6190 |
| #2 | .1787788 | .2052524 | 60.13872 | 1.074746 | .4175887 | 1.299710 | 375.9902 |
| #3 | .1787642 | .2058589 | 59.87481 | 1.079089 | .4176096 | 1.298170 | 378.5430 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.239931</b> | <b>127.3605</b> | <b>1.072293</b> | <b>.0704441</b> | <b>34.30012</b> | <b>.9694174</b> | <b>4.508901</b> |
| Stddev | .023276         | .7660           | .002416         | .0003912        | .42712          | .0038883        | .023048         |
| %RSD   | .4442115        | .6014484        | .2252812        | .5553015        | 1.245236        | .4010971        | .5111695        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.264775 | 128.1790 | 1.071720 | .0704565 | 34.72542 | .9736394 | 4.528051 |
| #2 | 5.218628 | 126.6608 | 1.070215 | .0700469 | 33.87120 | .9659836 | 4.515332 |
| #3 | 5.236390 | 127.2417 | 1.074944 | .0708289 | 34.30375 | .9686293 | 4.483321 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>71.02116</b> | <b>21.09890</b> | <b>.0799443</b> | <b>.3513453</b> | <b>8.345778</b> | <b>2.508786</b> | <b>.7751107</b> |
| Stddev | .31847          | .01720          | .0055160        | .0012651        | .022603         | .020796         | .0022722        |
| %RSD   | .4484130        | .0815045        | 6.899836        | .3600696        | .2708332        | .8289091        | .2931395        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 70.77218 | 21.09883 | .0863126 | .3508219 | 8.319898 | 2.531762 | .7775551 |
| #2 | 70.91129 | 21.08173 | .0768637 | .3504258 | 8.361646 | 2.491254 | .7730630 |
| #3 | 71.38002 | 21.11613 | .0766567 | .3527881 | 8.355790 | 2.503341 | .7747139 |

Sample Name: K6162-01MSD      Acquired: 12/07/2019 14:57:10      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP1MSD      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>14.91079</b> | <b>.7589861</b> | <b>.5646086</b> |
| Stddev | .20065          | .0057119        | .0032338        |
| %RSD   | 1.345674        | .7525626        | .5727481        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>14.68609</b> | <b>.7526818</b> | <b>.5609054</b> |
| #2 | <b>15.07206</b> | <b>.7638165</b> | <b>.5668750</b> |
| #3 | <b>14.97423</b> | <b>.7604601</b> | <b>.5660455</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1793.129</b> | <b>3592.524</b> | <b>43015.61</b> | <b>9193.476</b> | <b>3406.337</b> |
| Stddev    | 10.845          | 9.864           | 104.81          | 29.126          | 3.807           |
| %RSD      | .6047974        | .2745820        | .2436611        | .3168130        | .1117736        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1787.490</b> | <b>3591.643</b> | <b>43039.99</b> | <b>9181.116</b> | <b>3408.403</b> |
| #2 | <b>1786.265</b> | <b>3602.800</b> | <b>42900.76</b> | <b>9226.744</b> | <b>3408.665</b> |
| #3 | <b>1805.631</b> | <b>3583.131</b> | <b>43106.09</b> | <b>9172.568</b> | <b>3401.943</b> |



Sample Name: PB125300BS      Acquired: 12/07/2019 15:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125300BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7964113</b> | <b>2.044567</b> | <b>1.039428</b> | <b>1.860114</b> | <b>.8129576</b> | <b>2.193992</b> |
| Stddev | .0054841        | .013510         | .002965         | .010916         | .0006390        | .024490         |
| %RSD   | .6885984        | .6607871        | .2852868        | .5868372        | .0785986        | 1.116242        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8024221 | 2.035348 | 1.036767 | 1.872715 | .8122373 | 2.166564 |
| #2 | .7951314 | 2.038277 | 1.042625 | 1.854093 | .8131793 | 2.201744 |
| #3 | .7916804 | 2.060075 | 1.038892 | 1.853535 | .8134562 | 2.213668 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2113256</b> | <b>.2017749</b> | <b>.2116197</b> | <b>1.025504</b> | <b>.4290987</b> | <b>.2122631</b> |
| Stddev | .0013315        | .0003684        | .0003742        | .008437         | .0011220        | .0002223        |
| %RSD   | .6300765        | .1826064        | .1768011        | .8226968        | .2614849        | .1047096        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2099204 | .2021938 | .2117296 | 1.015780 | .4278095 | .2124528 |
| #2 | .2114879 | .2016300 | .2112029 | 1.030877 | .4298548 | .2123180 |
| #3 | .2125685 | .2015010 | .2119266 | 1.029855 | .4296319 | .2120186 |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3248173</b> | <b>3.281921</b> | <b>.2122209</b> | <b>2.077931</b> | <b>.5244953</b> | <b>.0744879</b> |
| Stddev | .0028765        | .025246         | .0024024        | .008559         | .0012789        | .0000991        |
| %RSD   | .8855629        | .7692469        | 1.132037        | .4118868        | .2438416        | .1330149        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3240957 | 3.254042 | .2095645 | 2.078570 | .5236475 | .0744601 |
| #2 | .3223704 | 3.288480 | .2128570 | 2.086152 | .5238720 | .0744057 |
| #3 | .3279859 | 3.303240 | .2142413 | 2.069071 | .5259664 | .0745979 |

|        |                 |                 |                 |                 |                   |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-------------------|-----------------|
| Elem   | Na8183          | V_2924          | Zn2138          | K_7698          | P_1774            | B_2496          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm               | ppm             |
| Avg    | <b>3.137876</b> | <b>.3177497</b> | <b>.2166415</b> | <b>9.668834</b> | <b>F 5.791527</b> | <b>.2951528</b> |
| Stddev | .128453         | .0016652        | .0006285        | .109491         | .020379           | .0010126        |
| %RSD   | 4.093641        | .5240434        | .2900864        | 1.132413        | .3518807          | .3430840        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.047862 | .3158816 | .2173656 | 9.575988 | 5.772242 | .2948169 |
| #2 | 3.284978 | .3182897 | .2162388 | 9.789574 | 5.789490 | .2943508 |
| #3 | 3.080789 | .3190779 | .2163200 | 9.640939 | 5.812848 | .2962907 |

Sample Name: PB125300BS      Acquired: 12/07/2019 15:00:44      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125300BS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                   |                 |                 |                 |                 |
|--------|-----------------|-------------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mo2020          | S_1820            | Si2516          | Sn1899          | Ti3361          | Li6707          |
| Units  | ppm             | ppm               | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.4287681</b> | <b>F -.011016</b> | <b>.9050843</b> | <b>.7384618</b> | <b>.2148949</b> | <b>.2142521</b> |
| Stddev | .0008869        | .003478           | .0014168        | .0026770        | .0014283        | .0007373        |
| %RSD   | .2068463        | 31.56911          | .1565324        | .3625144        | .6646665        | .3441429        |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4297860 | -.014632 | .9057924 | .7359889 | .2136357 | .2134957 |
| #2 | .4283561 | -.010720 | .9034531 | .7380919 | .2164470 | .2142917 |
| #3 | .4281622 | -.007695 | .9060074 | .7413045 | .2146021 | .2149688 |

|        |                 |
|--------|-----------------|
| Elem   | Sr4077          |
| Units  | ppm             |
| Avg    | <b>.2224598</b> |
| Stddev | .0016152        |
| %RSD   | .7260524        |

|    |          |
|----|----------|
| #1 | .2206681 |
| #2 | .2238043 |
| #3 | .2229069 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1588.642</b> | <b>3174.476</b> | <b>37886.64</b> | <b>7857.398</b> | <b>3663.876</b> |
| Stddev    | 5.025           | 8.187           | 171.50          | 23.573          | 4.976           |
| %RSD      | .3162881        | .2578983        | .4526608        | .3000123        | .1358082        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1582.841 | 3165.031 | 37707.88 | 7831.436 | 3658.335 |
| #2 | 1591.449 | 3178.852 | 37902.24 | 7877.462 | 3665.331 |
| #3 | 1591.635 | 3179.545 | 38049.81 | 7863.297 | 3667.962 |

Sample Name: CCV02      Acquired: 12/07/2019 15:04:27      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.198350</b> | <b>5.142732</b> | <b>5.204949</b> | <b>5.383764</b> | <b>5.135065</b> | <b>10.50598</b> | <b>10.31201</b> |
| Stddev | .016440         | .012821         | .011637         | .009527         | .007443         | .06879          | .04022          |
| %RSD   | .3162536        | .2493012        | .2235813        | .1769560        | .1449499        | .6547509        | .3899849        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.216826 | 5.157012 | 5.216171 | 5.379029 | 5.130652 | 10.42767 | 10.30512 |
| #2 | 5.192888 | 5.132212 | 5.205741 | 5.394730 | 5.143659 | 10.53362 | 10.27569 |
| #3 | 5.185336 | 5.138972 | 5.192937 | 5.377532 | 5.130886 | 10.55665 | 10.35523 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2570578</b> | <b>2.618992</b> | <b>25.40404</b> | <b>1.024534</b> | <b>2.596416</b> | <b>1.281443</b> | <b>5.051163</b> |
| Stddev | .0013204        | .004525         | .11245          | .000869         | .005411         | .004781         | .022731         |
| %RSD   | .5136604        | .1727880        | .4426549        | .0848563        | .2083953        | .3730901        | .4500140        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2578690 | 2.621112 | 25.32148 | 1.023971 | 2.597431 | 1.276415 | 5.026878 |
| #2 | .2555342 | 2.622068 | 25.35853 | 1.024096 | 2.601247 | 1.285932 | 5.054682 |
| #3 | .2577702 | 2.613796 | 25.53212 | 1.025536 | 2.590569 | 1.281981 | 5.071929 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.520547</b> | <b>24.88855</b> | <b>2.535491</b> | <b>1.260455</b> | <b>25.05101</b> | <b>2.513443</b> | <b>2.599989</b> |
| Stddev | .005581         | .19482          | .003893         | .008590         | .07000          | .009921         | .003611         |
| %RSD   | .2214033        | .7827519        | .1535565        | .6814695        | .2794168        | .3947174        | .1388891        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.515110 | 24.66368 | 2.538559 | 1.269648 | 25.07836 | 2.508940 | 2.600765 |
| #2 | 2.520272 | 24.99570 | 2.536804 | 1.252634 | 25.10320 | 2.506572 | 2.596053 |
| #3 | 2.526261 | 25.00627 | 2.531111 | 1.259082 | 24.97146 | 2.524817 | 2.603149 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.76873</b> | <b>5.144114</b> | <b>5.056364</b> | <b>5.199713</b> | <b>5.304461</b> | <b>4.908883</b> | <b>5.169227</b> |
| Stddev | .21295          | .023046         | .027375         | .010117         | .017529         | .030645         | .004094         |
| %RSD   | .8264054        | .4480006        | .5414044        | .1945732        | .3304588        | .6242795        | .0791954        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 25.63584 | 5.170705 | 5.069952 | 5.201428 | 5.319985 | 4.921857 | 5.173210 |
| #2 | 25.65600 | 5.131704 | 5.024853 | 5.208863 | 5.285451 | 4.873885 | 5.165031 |
| #3 | 26.01435 | 5.129933 | 5.074287 | 5.188848 | 5.307947 | 4.930907 | 5.169441 |

Sample Name: CCV02      Acquired: 12/07/2019 15:04:27      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.217754 | 5.134995 | 5.295254 |
| Stddev | .025231  | .020009  | .100109  |
| %RSD   | .4835640 | .3896619 | 1.890545 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.189238 | 5.120218 | 5.195599 |
| #2 | 5.237184 | 5.127003 | 5.294354 |
| #3 | 5.226838 | 5.157765 | 5.395811 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1560.669 | 3140.810 | 37176.10 | 7917.127 | 3572.604 |
| Stddev    | 4.703    | 3.999    | 32.39    | 25.319   | 3.853    |
| %RSD      | .3013738 | .1273231 | .0871156 | .3197958 | .1078454 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1555.844 | 3141.598 | 37139.28 | 7934.390 | 3569.679 |
| #2 | 1565.240 | 3136.475 | 37200.16 | 7928.930 | 3571.162 |
| #3 | 1560.924 | 3144.356 | 37188.87 | 7888.062 | 3576.969 |

Sample Name: CCB02      Acquired: 12/07/2019 15:08:06      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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>-.002288</b> | <b>-.000595</b> | <b>.0021174</b> | <b>.0017036</b> | <b>-.002136</b> | <b>-.006811</b> | <b>-.001124</b> |
| Stddev | .002989         | .000351         | .0022796        | .0018112        | .001205         | .006495         | .000454         |
| %RSD   | 130.6521        | 59.05625        | 107.6587        | 106.3153        | 56.42188        | 95.36310        | 40.43293        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000193  | -.000768 | .0047222 | .0028270 | -.001814 | -.012050 | -.000849 |
| #2 | -.001450 | -.000190 | .0004865 | .0026697 | -.001124 | -.008840 | -.000875 |
| #3 | -.005607 | -.000825 | .0011436 | -.000386 | -.003469 | .000456  | -.001648 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000030</b> | <b>.0000802</b> | <b>.0196950</b> | <b>.0000744</b> | <b>-.000101</b> | <b>.0020830</b> | <b>-.007939</b> |
| Stddev | .000034         | .0000975        | .0054399        | .0003513        | .000237         | .0006735        | .005922         |
| %RSD   | 115.3848        | 121.5716        | 27.62092        | 472.0111        | 234.8892        | 32.32986        | 74.59207        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000007  | .0000285 | .0145474 | .0003079 | -.000055 | .0025957 | -.002989 |
| #2 | -.000062 | .0000194 | .0191512 | -.000330 | .000110  | .0013203 | -.014499 |
| #3 | -.000034 | .0001926 | .0253865 | .000245  | -.000358 | .0023331 | -.006328 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0008962</b> | <b>.0409712</b> | <b>.0002740</b> | <b>.0007327</b> | <b>-.000047</b> | <b>-.003198</b> | <b>.0000593</b> |
| Stddev | .0001996        | .0340311        | .0001973        | .0001141        | .298690         | .003324         | .0002258        |
| %RSD   | 22.26841        | 83.06098        | 72.02562        | 15.57356        | 629749.1        | 103.9579        | 380.5740        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010643 | .0052189 | .0004880 | .0006009 | .315381  | -.003823 | -.000111 |
| #2 | .0006756 | .0729698 | .0000992 | .0008002 | -.036954 | .000395  | -.000026 |
| #3 | .0009486 | .0447249 | .0002347 | .0007969 | -.278568 | -.006165 | .000315  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0439416</b> | <b>.0000431</b> | <b>.0070975</b> | <b>.0005279</b> | <b>-.003968</b> | <b>-.013872</b> | <b>-.002318</b> |
| Stddev | .0391571        | .0030738        | .0002161        | .0003384        | .001180         | .001408         | .000835         |
| %RSD   | 89.11169        | 7134.083        | 3.044845        | 64.11409        | 29.73477        | 10.14874        | 36.03402        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009168 | -.003498 | .0072470 | .0008970 | -.005320 | -.013092 | -.002216 |
| #2 | .0534155 | .002025  | .0071958 | .0004543 | -.003440 | -.013026 | -.001539 |
| #3 | .0774925 | .001602  | .0068497 | .0002322 | -.003144 | -.015497 | -.003200 |

Sample Name: CCB02      Acquired: 12/07/2019 15:08:06      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0001569 | .0000970 | .0000715 |
| Stddev | .0009723 | .0011461 | .0000711 |
| %RSD   | 619.5215 | 1181.847 | 99.51356 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0008930 | -.001172 | .0000920 |
| #2 | -.000945 | .001055  | .0001300 |
| #3 | .000523  | .000408  | -.000008 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1580.742 | 3194.811 | 37612.11 | 7882.897 | 3670.124 |
| Stddev    | 5.455    | 8.905    | 104.83   | 58.013   | 13.728   |
| %RSD      | .3450974 | .2787391 | .2787168 | .7359392 | .3740373 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1574.507 | 3193.022 | 37561.69 | 7850.487 | 3665.640 |
| #2 | 1583.081 | 3204.474 | 37732.62 | 7848.331 | 3685.533 |
| #3 | 1584.637 | 3186.935 | 37542.01 | 7949.873 | 3659.200 |

Sample Name: K6162-01A      Acquired: 12/07/2019 15:11:58      Type: Unk  
Method: NON EPA-6010-200.7(v189)      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>.7643729</b> | <b>1.952687</b> | <b>4.374125</b> | <b>1.586625</b> | <b>.1474011</b> | <b>229.9191</b> | <b>2.231434</b> |
| Stddev | .0061636        | .011047         | .010625         | .011176         | .0049065        | 1.5544          | .009437         |
| %RSD   | .8063619        | .5657081        | .2428989        | .7043902        | 3.328703        | .6760774        | .4228896        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7667961 | 1.939932 | 4.366475 | 1.575735 | .1417561 | 228.2324 | 2.222526 |
| #2 | .7573660 | 1.959087 | 4.369645 | 1.586073 | .1506411 | 230.2310 | 2.230456 |
| #3 | .7689568 | 1.959044 | 4.386256 | 1.598067 | .1498061 | 231.2940 | 2.241322 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1823536</b> | <b>.2047861</b> | <b>60.47213</b> | <b>1.072399</b> | <b>.4153570</b> | <b>1.288350</b> | <b>385.2554</b> |
| Stddev | .0008367        | .0003159        | .19144          | .006642         | .0003548        | .002978         | .4371           |
| %RSD   | .4588569        | .1542635        | .3165729        | .6193820        | .0854193        | .2311166        | .1134556        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1824136 | .2045309 | 60.28878 | 1.064729 | .4157618 | 1.285302 | 384.7658 |
| #2 | .1814885 | .2046880 | 60.45686 | 1.076284 | .4152090 | 1.291252 | 385.3940 |
| #3 | .1831587 | .2051394 | 60.67075 | 1.076183 | .4151002 | 1.288497 | 385.6063 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.280632</b> | <b>128.7786</b> | <b>1.067786</b> | <b>.0716275</b> | <b>34.91987</b> | <b>.9993777</b> | <b>4.566249</b> |
| Stddev | .019184         | .2410           | .000917         | .0006279        | .31785          | .0063569        | .040710         |
| %RSD   | .3632944        | .1871622        | .0858736        | .8765970        | .9102347        | .6360864        | .8915338        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.258530 | 128.5794 | 1.068742 | .0709029 | 35.23010 | .9949179 | 4.521748 |
| #2 | 5.290400 | 129.0465 | 1.067700 | .0720126 | 34.93461 | .9965584 | 4.575383 |
| #3 | 5.292967 | 128.7098 | 1.066914 | .0719668 | 34.59491 | 1.006657 | 4.601616 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>70.64267</b> | <b>21.22427</b> | <b>.0850694</b> | <b>.3504171</b> | <b>8.328405</b> | <b>2.564000</b> | <b>.7674303</b> |
| Stddev | .13675          | .04986          | .0057125        | .0014397        | .025888         | .015523         | .0011801        |
| %RSD   | .1935832        | .2349399        | 6.715070        | .4108490        | .3108402        | .6054080        | .1537764        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 70.49523 | 21.16682 | .0856411 | .3490785 | 8.298710 | 2.566140 | .7667119 |
| #2 | 70.76535 | 21.24972 | .0904745 | .3502325 | 8.346223 | 2.547518 | .7667868 |
| #3 | 70.66742 | 21.25628 | .0790926 | .3519401 | 8.340283 | 2.578341 | .7687924 |

Sample Name: K6162-01A      Acquired: 12/07/2019 15:11:58      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>14.64760</b> | <b>.7551906</b> | <b>.5600611</b> |
| Stddev | .09341          | .0051432        | .0022486        |
| %RSD   | .6377493        | .6810426        | .4014854        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>14.54642</b> | <b>.7497053</b> | <b>.5577481</b> |
| #2 | <b>14.66579</b> | <b>.7559620</b> | <b>.5601959</b> |
| #3 | <b>14.73057</b> | <b>.7599045</b> | <b>.5622392</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1765.565</b> | <b>3597.652</b> | <b>42556.56</b> | <b>9162.317</b> | <b>3416.387</b> |
| Stddev    | 18.083          | 4.866           | 281.32          | 60.163          | 2.929           |
| %RSD      | 1.024186        | .1352559        | .6610548        | .6566324        | .0857312        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1786.018</b> | <b>3601.417</b> | <b>42836.16</b> | <b>9092.983</b> | <b>3419.273</b> |
| #2 | <b>1758.973</b> | <b>3599.380</b> | <b>42273.54</b> | <b>9200.736</b> | <b>3416.471</b> |
| #3 | <b>1751.702</b> | <b>3592.157</b> | <b>42559.97</b> | <b>9193.234</b> | <b>3413.416</b> |



Sample Name: K6162-02      Acquired: 12/07/2019 15:15:35      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: TP2      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0378919</b> | <b>-.004809</b> | <b>2.222414</b> | <b>-.004480</b> | <b>.0091124</b> | <b>182.6927</b> | <b>2.169516</b> |
| Stddev | .0020323        | .002787         | .002556         | .001857         | .0009486        | .7025           | .011656         |
| %RSD   | 5.363427        | 57.95886        | .1150012        | 41.46021        | 10.40988        | .3845076        | .5372741        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0381739 | -.007400 | 2.220013 | -.004621 | .0089976 | 181.9437 | 2.156105 |
| #2 | .0397685 | -.001860 | 2.222128 | -.002556 | .0101131 | 183.3367 | 2.177214 |
| #3 | .0357334 | -.005167 | 2.225100 | -.006263 | .0082264 | 182.7979 | 2.175228 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0084136</b> | <b>.0011554</b> | <b>123.0704</b> | <b>.4069033</b> | <b>.1983871</b> | <b>.6682213</b> | <b>339.7436</b> |
| Stddev | .0000390        | .0001345        | .3347           | .0008215        | .0004446        | .0025688        | 1.0601          |
| %RSD   | .4639296        | 11.64366        | .2719657        | .2018957        | .2241001        | .3844290        | .3120428        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084559 | .0013063 | 122.6847 | .4067419 | .1988964 | .6675865 | 338.7458 |
| #2 | .0084058 | .0010480 | 123.2857 | .4077935 | .1980769 | .6710481 | 339.6282 |
| #3 | .0083791 | .0011119 | 123.2407 | .4061744 | .1981878 | .6660294 | 340.8567 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.692626</b> | <b>107.6422</b> | <b>.3953084</b> | <b>.0038396</b> | <b>37.79469</b> | <b>.6041516</b> | <b>1.475621</b> |
| Stddev | .014018         | .3677           | .0004129        | .0003456        | .20140          | .0067202        | .005469         |
| %RSD   | .2462400        | .3415833        | .1044440        | 9.000830        | .5328896        | 1.112340        | .3706474        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.677270 | 107.2219 | .3957069 | .0034539 | 37.58556 | .5973679 | 1.472761 |
| #2 | 5.695875 | 107.8001 | .3948825 | .0039435 | 37.81116 | .6042804 | 1.472174 |
| #3 | 5.704734 | 107.9046 | .3953359 | .0041212 | 37.98735 | .6108065 | 1.481927 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>54.65755</b> | <b>12.63915</b> | <b>-.146178</b> | <b>.0078336</b> | <b>4.698707</b> | <b>1.792778</b> | <b>.0185122</b> |
| Stddev | .11406          | .01409          | .002421         | .0001946        | .016008         | .005612         | .0006314        |
| %RSD   | .2086727        | .1114740        | 1.656133        | 2.484138        | .3406853        | .3130107        | 3.410496        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 54.78869 | 12.64122 | -.148846 | .0076957 | 4.701157 | 1.787806 | .0185536 |
| #2 | 54.58143 | 12.62414 | -.145568 | .0077490 | 4.681615 | 1.798862 | .0178612 |
| #3 | 54.60254 | 12.65209 | -.144121 | .0080562 | 4.713348 | 1.791665 | .0191219 |

Sample Name: K6162-02      Acquired: 12/07/2019 15:15:35      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: TP2      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>13.90134</b> | <b>.2767106</b> | <b>.3411472</b> |
| Stddev | .05153          | .0017303        | .0009374        |
| %RSD   | .3706582        | .6253093        | .2747659        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>13.85726</b> | <b>.2751629</b> | <b>.3400712</b> |
| #2 | <b>13.95799</b> | <b>.2785787</b> | <b>.3417871</b> |
| #3 | <b>13.88878</b> | <b>.2763903</b> | <b>.3415832</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1763.296</b> | <b>3607.108</b> | <b>42393.31</b> | <b>9294.734</b> | <b>3393.710</b> |
| Stddev    | 10.280          | 2.234           | 167.80          | 55.790          | 6.182           |
| %RSD      | .5829995        | .0619279        | .3958264        | .6002275        | .1821680        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1774.959</b> | <b>3607.802</b> | <b>42547.26</b> | <b>9237.165</b> | <b>3388.313</b> |
| #2 | <b>1755.554</b> | <b>3608.913</b> | <b>42214.44</b> | <b>9298.481</b> | <b>3400.455</b> |
| #3 | <b>1759.374</b> | <b>3604.610</b> | <b>42418.25</b> | <b>9348.555</b> | <b>3392.363</b> |

Sample Name: PB125300BL      Acquired: 12/07/2019 15:19:15      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125300BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014100 | .0014759 | .0017059 | .0015421 | .0007313 | .0057497 | -.001772 |
| Stddev | .0012311 | .0006469 | .0006102 | .0028406 | .0006798 | .0059161 | .000513  |
| %RSD   | 87.31145 | 43.83129 | 35.76797 | 184.1972 | 92.95342 | 102.8945 | 28.92012 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015650 | .0008316 | .0015091 | .0014769 | .0008753 | .0073664 | -.001575 |
| #2 | .0025562 | .0014707 | .0012184 | .0044148 | -.000009 | .0106894 | -.002354 |
| #3 | .0001087 | .0021253 | .0023901 | -.001265 | .001328  | -.000807 | -.001388 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000096 | .0000125 | .0099091 | .0003474 | -.000227 | .0022993 | .0139448 |
| Stddev | .000055  | .0000789 | .0119158 | .0005751 | .000109  | .0012388 | .0069073 |
| %RSD   | 58.03496 | 629.4079 | 120.2506 | 165.5487 | 47.98721 | 53.87533 | 49.53328 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000119 | .0000563 | .0198004 | .0000807 | -.000152 | .0008717 | .0215976 |
| #2 | -.000135 | -.000079 | -.003319 | -.000046 | -.000177 | .0030908 | .0120645 |
| #3 | -.000032 | .000060  | .013246  | .001007  | -.000353 | .0029354 | .0081723 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0008490 | .0061975 | -.000169 | .0004673 | .0429677 | -.000588 | .0005624 |
| Stddev | .0002802 | .0482233 | .000177  | .0002001 | .1453890 | .002162  | .0002589 |
| %RSD   | 32.99818 | 778.1124 | 104.5690 | 42.81605 | 338.3678 | 367.8249 | 46.03432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005468 | .0596695 | .000034  | .0004671 | -.012218 | .000420  | .0008583 |
| #2 | .0009002 | -.033994 | -.000285 | .0002674 | -.066749 | .000886  | .0004513 |
| #3 | .0011001 | -.007083 | -.000256 | .0006676 | .207870  | -.003070 | .0003776 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1134522 | -.000081 | -.002007 | .0001029 | -.002329 | -.017126 | -.003874 |
| Stddev | .0571796 | .001082  | .000678  | .0000817 | .001652  | .001400  | .000258  |
| %RSD   | 50.39969 | 1340.618 | 33.76093 | 79.38981 | 70.95880 | 8.173288 | 6.651568 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1741809 | -.000701 | -.001962 | .0001634 | -.001313 | -.015742 | -.004105 |
| #2 | .0606486 | .001169  | -.001354 | .0000100 | -.001438 | -.017095 | -.003921 |
| #3 | .1055271 | -.000710 | -.002707 | .0001355 | -.004235 | -.018541 | -.003596 |

Sample Name: PB125300BL      Acquired: 12/07/2019 15:19:15      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125300BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000083 | -.000933 | -.000049 |
| Stddev | .000763  | .000514  | .000028  |
| %RSD   | 915.8234 | 55.04020 | 58.35103 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000806 | -.000498 | -.000027 |
| #2 | .000714  | -.000802 | -.000039 |
| #3 | -.000158 | -.001500 | -.000081 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1566.404 | 3183.270 | 37179.25 | 7864.607 | 3658.072 |
| Stddev    | 4.244    | 4.433    | 78.46    | 64.803   | 5.568    |
| %RSD      | .2709673 | .1392607 | .2110443 | .8239815 | .1522237 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1570.329 | 3178.867 | 37225.26 | 7789.949 | 3651.656 |
| #2 | 1561.900 | 3183.210 | 37223.85 | 7906.300 | 3660.909 |
| #3 | 1566.983 | 3187.732 | 37088.65 | 7897.572 | 3661.650 |

Sample Name: PB125277BL      Acquired: 12/07/2019 15:23:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125277BL      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014863 | -.000791 | .0008462 | -.001182 | -.000679 | -.002824 | -.001766 |
| Stddev | .0039798 | .001586  | .0009208 | .001092  | .001245  | .017132  | .000289  |
| %RSD   | 267.7716 | 200.5024 | 108.8193 | 92.34196 | 183.4163 | 606.6312 | 16.38431 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003082 | .001021  | .0017303 | .000059  | -.000248 | -.004088 | -.001434 |
| #2 | .003341  | -.001924 | .0009155 | -.001992 | .000294  | -.019290 | -.001903 |
| #3 | .004200  | -.001470 | -.000107 | -.001613 | -.002082 | .014905  | -.001961 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000051 | -.000012 | .0130536 | .0008626 | -.000251 | .0039158 | -.004680 |
| Stddev | .000061  | .000027  | .0051055 | .0001079 | .000128  | .0005800 | .008881  |
| %RSD   | 119.4373 | 219.4768 | 39.11201 | 12.51402 | 50.98562 | 14.81215 | 189.7869 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000044 | -.000035 | .0140213 | .0009223 | -.000303 | .0033599 | -.013901 |
| #2 | .000006  | -.000021 | .0075335 | .0007380 | -.000105 | .0045172 | -.003955 |
| #3 | -.000115 | .000018  | .0176061 | .0009275 | -.000345 | .0038703 | .003817  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003139 | .0063578 | -.000214 | .0004511 | .0327418 | .0009393 | .0000803 |
| Stddev | .0003867 | .0243887 | .000670  | .0001225 | .0880873 | .0028761 | .0002553 |
| %RSD   | 123.1789 | 383.6052 | 313.4541 | 27.15954 | 269.0365 | 306.1869 | 318.0297 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000132 | .0157825 | .000501  | .0005520 | .0291025 | -.002380 | .0003113 |
| #2 | .000554  | -.021337 | -.000829 | .0004865 | .1225923 | .002688  | .0001232 |
| #3 | .000520  | .024628  | -.000313 | .0003148 | -.053469 | .002510  | -.000194 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0512447 | .0010279 | -.003510 | -.000033 | -.003362 | -.018092 | -.003876 |
| Stddev | .0305895 | .0014607 | .000283  | .000238  | .002312  | .000379  | .001268  |
| %RSD   | 59.69309 | 142.0965 | 8.052607 | 714.0385 | 68.78142 | 2.096863 | 32.71436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0863519 | .0025799 | -.003334 | .000091  | -.000786 | -.018345 | -.005293 |
| #2 | .0303248 | -.000320 | -.003836 | -.000308 | -.004040 | -.018275 | -.002849 |
| #3 | .0370573 | .000824  | -.003360 | .000117  | -.005259 | -.017656 | -.003486 |

Sample Name: PB125277BL      Acquired: 12/07/2019 15:23:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PB125277BL      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001273</b> | <b>-.004432</b> | <b>-.000026</b> |
| Stddev | .000223         | .001475         | .000041         |
| %RSD   | 17.53008        | 33.28526        | 157.0680        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001024</b> | <b>-.004909</b> | <b>.000009</b>  |
| #2 | <b>-.001339</b> | <b>-.005611</b> | <b>-.000016</b> |
| #3 | <b>-.001455</b> | <b>-.002778</b> | <b>-.000070</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1557.040</b> | <b>3177.146</b> | <b>37130.09</b> | <b>7871.299</b> | <b>3643.478</b> |
| Stddev    | 2.066           | 5.057           | 156.26          | 19.084          | .849            |
| %RSD      | .1326871        | .1591780        | .4208394        | .2424487        | .0233060        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1557.903</b> | <b>3172.674</b> | <b>37268.59</b> | <b>7852.792</b> | <b>3642.498</b> |
| #2 | <b>1554.683</b> | <b>3182.634</b> | <b>36960.69</b> | <b>7870.194</b> | <b>3643.990</b> |
| #3 | <b>1558.535</b> | <b>3176.128</b> | <b>37161.00</b> | <b>7890.911</b> | <b>3643.947</b> |

Sample Name: PB125286BL      Acquired: 12/07/2019 15:26:58      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000030</b> | <b>-.001673</b> | <b>-.000331</b> | <b>-.001238</b> | <b>-.001186</b> | <b>-.012813</b> | <b>-.001960</b> |
| Stddev | .002550         | .001923         | .000921         | .003847         | .001905         | .011189         | .000706         |
| %RSD   | 8376.114        | 114.9579        | 278.4826        | 310.8443        | 160.6570        | 87.32493        | 36.02070        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000878  | -.002351 | -.001244 | -.005252 | -.001711 | -.025732 | -.001875 |
| #2 | .001941  | .000497  | .000597  | -.000877 | -.002772 | -.006234 | -.001301 |
| #3 | -.002911 | -.003165 | -.000344 | .002417  | .000927  | -.006472 | -.002705 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000052</b> | <b>.0000157</b> | <b>.0073474</b> | <b>.0004023</b> | <b>-.000317</b> | <b>.0028996</b> | <b>.0042498</b> |
| Stddev | .000040         | .0000626        | .0014296        | .0003919        | .000203         | .0011995        | .0057365        |
| %RSD   | 77.61013        | 399.6146        | 19.45719        | 97.39247        | 63.94176        | 41.36918        | 134.9827        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000027 | .0000078 | .0089775 | -.000044 | -.000525 | .0020458 | .0042997 |
| #2 | -.000030 | -.000043 | .0063066 | .000688  | -.000306 | .0023819 | .0099612 |
| #3 | -.000099 | .000082  | .0067582 | .000563  | -.000120 | .0042710 | -.001511 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0006143</b> | <b>.0157001</b> | <b>-.000092</b> | <b>.0004581</b> | <b>.1226432</b> | <b>.0011539</b> | <b>.0001689</b> |
| Stddev | .0002229        | .0051933        | .000479         | .0004172        | .2744875        | .0031770        | .0003556        |
| %RSD   | 36.28964        | 33.07828        | 522.1661        | 91.06024        | 223.8098        | 275.3314        | 210.5763        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005550 | .0139434 | .000455  | .0000096 | .0566941 | -.002504 | -.000034 |
| #2 | .0004270 | .0215439 | -.000436 | .0008346 | -.112862 | .002736  | .000579  |
| #3 | .0008608 | .0116129 | -.000294 | .0005302 | .424098  | .003229  | -.000039 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0405714</b> | <b>-.000536</b> | <b>-.003892</b> | <b>-.000417</b> | <b>-.005310</b> | <b>-.016421</b> | <b>-.003789</b> |
| Stddev | .0980958        | .002154         | .001007         | .000368         | .002587         | .000650         | .001926         |
| %RSD   | 241.7855        | 402.0056        | 25.86945        | 88.09889        | 48.72269        | 3.956799        | 50.84422        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.066738 | -.002913 | -.004726 | -.000222 | -.004912 | -.016569 | -.001639 |
| #2 | .062821  | .001286  | -.002773 | -.000841 | -.008072 | -.016985 | -.005359 |
| #3 | .125631  | .000019  | -.004177 | -.000188 | -.002945 | -.015710 | -.004368 |

Sample Name: PB125286BL      Acquired: 12/07/2019 15:26:58      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000525</b> | <b>-.007049</b> | <b>-.000062</b> |
| Stddev | .000698         | .000259         | .000050         |
| %RSD   | 132.9724        | 3.678133        | 80.37523        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000140  | -.006765 | -.000011 |
| #2 | -.000462 | -.007273 | -.000110 |
| #3 | -.001252 | -.007110 | -.000064 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1569.763</b> | <b>3184.704</b> | <b>37132.44</b> | <b>7907.159</b> | <b>3659.534</b> |
| Stddev    | 4.834           | 6.782           | 163.08          | 28.186          | 4.142           |
| %RSD      | .3079308        | .2129575        | .4391973        | .3564591        | .1131872        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1571.063 | 3181.535 | 37280.73 | 7919.453 | 3656.589 |
| #2 | 1573.815 | 3192.490 | 37158.81 | 7874.914 | 3664.270 |
| #3 | 1564.413 | 3180.087 | 36957.78 | 7927.109 | 3657.744 |



Sample Name: PB125300TB      Acquired: 12/07/2019 15:30:49      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003282</b> | <b>-.004723</b> | <b>.0007366</b> | <b>.0061288</b> | <b>-.000579</b> | <b>-.008029</b> |
| Stddev | .000478         | .002613         | .0015103        | .0019902        | .000774         | .004737         |
| %RSD   | 14.56001        | 55.31275        | 205.0403        | 32.47191        | 133.7348        | 58.99856        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003385</b> | <b>-.007728</b> | <b>.0022652</b> | <b>.0041360</b> | <b>-.001473</b> | <b>-.010994</b> |
| #2 | <b>-.002761</b> | <b>-.002987</b> | <b>-.000755</b> | <b>.0061343</b> | <b>-.000122</b> | <b>-.010526</b> |
| #3 | <b>-.003700</b> | <b>-.003456</b> | <b>.000699</b>  | <b>.0081162</b> | <b>-.000142</b> | <b>-.002566</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Ba4934          | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001556</b> | <b>-.000191</b> | <b>-.000163</b> | <b>.0145632</b> | <b>.0012537</b> | <b>-.000393</b> |
| Stddev | .000874         | .000071         | .000098         | .0039903        | .0002883        | .000268         |
| %RSD   | 56.16588        | 37.31073        | 60.11165        | 27.39982        | 22.99370        | 68.05062        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002556</b> | <b>-.000242</b> | <b>-.000212</b> | <b>.0099557</b> | <b>.0014740</b> | <b>-.000695</b> |
| #2 | <b>-.000935</b> | <b>-.000110</b> | <b>-.000226</b> | <b>.0168860</b> | <b>.0009275</b> | <b>-.000299</b> |
| #3 | <b>-.001178</b> | <b>-.000223</b> | <b>-.000050</b> | <b>.0168479</b> | <b>.0013598</b> | <b>-.000186</b> |

|        |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Cu3247          | Fe2598          | Mn2576          | Mg2790          | Ni2316          | Ag3280          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0053935</b> | <b>.0105985</b> | <b>.0002292</b> | <b>.0295340</b> | <b>.0023136</b> | <b>.0012361</b> |
| Stddev | .0021445        | .0013526        | .0004709        | .0036510        | .0000222        | .0003678        |
| %RSD   | 39.76054        | 12.76224        | 205.4362        | 12.36205        | .9606895        | 29.74967        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0076124</b> | <b>.0121366</b> | <b>.0007604</b> | <b>.0333239</b> | <b>.0023109</b> | <b>.0014597</b> |
| #2 | <b>.0052360</b> | <b>.0100650</b> | <b>.0000642</b> | <b>.0292381</b> | <b>.0023371</b> | <b>.0008117</b> |
| #3 | <b>.0033321</b> | <b>.0095941</b> | <b>-.000137</b> | <b>.0260399</b> | <b>.0022929</b> | <b>.0014370</b> |

|        |                   |                 |                 |                   |                 |                 |
|--------|-------------------|-----------------|-----------------|-------------------|-----------------|-----------------|
| Elem   | Na8183            | V_2924          | Zn2138          | K_7698            | P_1774          | B_2496          |
| Units  | ppm               | ppm             | ppm             | ppm               | ppm             | ppm             |
| Avg    | <b>F 284.8384</b> | <b>-.001180</b> | <b>.0043114</b> | <b>F 1.384460</b> | <b>.0011054</b> | <b>-.001914</b> |
| Stddev | 3.6438            | .000653         | .0001635        | .145700           | .0017652        | .000123         |
| %RSD   | 1.279269          | 55.32613        | 3.792817        | 10.52395          | 159.6867        | 6.428956        |

|    |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>280.7666</b> | <b>-.001256</b> | <b>.0042714</b> | <b>1.257482</b> | <b>.0010074</b> | <b>-.002032</b> |
| #2 | <b>287.7924</b> | <b>-.001790</b> | <b>.0041716</b> | <b>1.352368</b> | <b>.0029176</b> | <b>-.001923</b> |
| #3 | <b>285.9562</b> | <b>-.000492</b> | <b>.0044912</b> | <b>1.543531</b> | <b>-.000609</b> | <b>-.001786</b> |

Sample Name: PB125300TB      Acquired: 12/07/2019 15:30:49      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0004623 | .0052448 | -.010622 | .0010613 | -.000754 | F .0197455 |
| Stddev | .0006384 | .0036173 | .000947  | .0016936 | .000090  | .0033537   |
| %RSD   | 138.0895 | 68.96865 | 8.914856 | 159.5767 | 11.93152 | 16.98437   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0000627 | .0010893 | -.011711 | .0015926 | -.000847 | .0170940 |
| #2 | .0011986 | .0069572 | -.009995 | -.000834 | -.000667 | .0186271 |
| #3 | .0001257 | .0076880 | -.010160 | .002425  | -.000748 | .0235155 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000068 |
| Stddev | .000096  |
| %RSD   | 142.2046 |

|    |          |
|----|----------|
| #1 | -.000047 |
| #2 | .000017  |
| #3 | -.000172 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1442.132 | 2965.929 | 34770.00 | 7505.869 | 3380.918 |
| Stddev    | 4.454    | 12.637   | 66.04    | 46.173   | 17.501   |
| %RSD      | .3088637 | .4260655 | .1899363 | .6151593 | .5176351 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1443.382 | 2951.358 | 34841.16 | 7502.679 | 3361.952 |
| #2 | 1437.187 | 2972.533 | 34710.68 | 7461.374 | 3396.441 |
| #3 | 1445.828 | 2973.896 | 34758.18 | 7553.555 | 3384.362 |

Sample Name: K6093-01      Acquired: 12/07/2019 15:34:41      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATER      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000632</b> | <b>-.004078</b> | <b>.0189374</b> | <b>-.000179</b> | <b>-.001749</b> | <b>.0178107</b> | <b>.0008026</b> |
| Stddev | .001580         | .001007         | .0003749        | .000330         | .000953         | .0026314        | .0003105        |
| %RSD   | 250.0610        | 24.70272        | 1.979529        | 184.8594        | 54.48441        | 14.77438        | 38.68762        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000256</b> | <b>-.003687</b> | <b>.0185510</b> | <b>.000165</b>  | <b>-.002660</b> | <b>.0147839</b> | <b>.0007552</b> |
| #2 | <b>.000727</b>  | <b>-.003326</b> | <b>.0192995</b> | <b>-.000494</b> | <b>-.000759</b> | <b>.0195554</b> | <b>.0011340</b> |
| #3 | <b>-.002366</b> | <b>-.005223</b> | <b>.0189617</b> | <b>-.000208</b> | <b>-.001827</b> | <b>.0190926</b> | <b>.0005185</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000035</b> | <b>.0000268</b> | <b>.4630455</b> | <b>.0006108</b> | <b>.0002384</b> | <b>.0859275</b> | <b>-.001031</b> |
| Stddev | .000067         | .0000747        | .0057071        | .0003713        | .0004354        | .0020971        | .007866         |
| %RSD   | 193.0018        | 278.6387        | 1.232519        | 60.79307        | 182.6483        | 2.440496        | 763.1864        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000112</b> | <b>.0000837</b> | <b>.4634853</b> | <b>.0008752</b> | <b>-.000005</b> | <b>.0838004</b> | <b>-.001829</b> |
| #2 | <b>.000000</b>  | <b>-.000058</b> | <b>.4685200</b> | <b>.0007710</b> | <b>-.000021</b> | <b>.0859890</b> | <b>-.008467</b> |
| #3 | <b>.000008</b>  | <b>.000055</b>  | <b>.4571312</b> | <b>.0001863</b> | <b>.000741</b>  | <b>.0879932</b> | <b>.007205</b>  |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0034855</b> | <b>.0817871</b> | <b>.0025171</b> | <b>.0002494</b> | <b>.5999518</b> | <b>.0015340</b> | <b>.1687771</b> |
| Stddev | .0002095        | .0200432        | .0002357        | .0002148        | .3611257        | .0014194        | .0015304        |
| %RSD   | 6.010609        | 24.50652        | 9.365607        | 86.12488        | 60.19245        | 92.52911        | .9067566        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0035814</b> | <b>.0890209</b> | <b>.0027888</b> | <b>.0000040</b> | <b>1.014642</b> | <b>.0029336</b> | <b>.1686691</b> |
| #2 | <b>.0032453</b> | <b>.0591312</b> | <b>.0023942</b> | <b>.0003408</b> | <b>.430501</b>  | <b>.0015729</b> | <b>.1703586</b> |
| #3 | <b>.0036300</b> | <b>.0972092</b> | <b>.0023681</b> | <b>.0004034</b> | <b>.354713</b>  | <b>.0000956</b> | <b>.1673035</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-2.27051</b> | <b>.0041552</b> | <b>-.001731</b> | <b>-.000167</b> | <b>.2523030</b> | <b>.0967846</b> | <b>-.004725</b> |
| Stddev | .06614          | .0017313        | .000828         | .000438         | .0026353        | .0021032        | .001703         |
| %RSD   | 2.913217        | 41.66480        | 47.83019        | 261.3421        | 1.044511        | 2.173064        | 36.03955        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-2.34641</b> | <b>.0051855</b> | <b>-.002683</b> | <b>.000281</b>  | <b>.2553243</b> | <b>.0944932</b> | <b>-.006118</b> |
| #2 | <b>-2.22517</b> | <b>.0021564</b> | <b>-.001330</b> | <b>-.000594</b> | <b>.2504775</b> | <b>.0972335</b> | <b>-.002827</b> |
| #3 | <b>-2.23995</b> | <b>.0051237</b> | <b>-.001180</b> | <b>-.000189</b> | <b>.2511074</b> | <b>.0986271</b> | <b>-.005231</b> |

Sample Name: K6093-01      Acquired: 12/07/2019 15:34:41      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATER      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000755</b> | <b>-.018430</b> | <b>.0041370</b> |
| Stddev | .001024         | .000977         | .0000611        |
| %RSD   | 135.6345        | 5.299090        | 1.476311        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001775</b> | <b>-.018687</b> | <b>.0040665</b> |
| #2 | <b>-.000763</b> | <b>-.019252</b> | <b>.0041755</b> |
| #3 | <b>.000273</b>  | <b>-.017350</b> | <b>.0041688</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1632.686</b> | <b>3283.424</b> | <b>38472.20</b> | <b>8015.674</b> | <b>3752.527</b> |
| Stddev    | 8.101           | 22.735          | 146.30          | 46.327          | 24.987          |
| %RSD      | .4961933        | .6924135        | .3802626        | .5779575        | .6658737        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1626.278</b> | <b>3280.435</b> | <b>38347.75</b> | <b>8005.178</b> | <b>3751.490</b> |
| #2 | <b>1629.988</b> | <b>3307.506</b> | <b>38633.35</b> | <b>8066.349</b> | <b>3778.016</b> |
| #3 | <b>1641.792</b> | <b>3262.332</b> | <b>38435.49</b> | <b>7975.495</b> | <b>3728.074</b> |

Sample Name: K6093-01DUP      Acquired: 12/07/2019 15:38:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATERDU      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001488</b> | <b>-.003098</b> | <b>.0187735</b> | <b>.0017247</b> | <b>-.000417</b> | <b>.0210851</b> | <b>.0003292</b> |
| Stddev | .002247         | .001549         | .0011141        | .0008657        | .002991         | .0112771        | .0006935        |
| %RSD   | 150.9949        | 49.98753        | 5.934236        | 50.19152        | 716.4590        | 53.48371        | 210.6756        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000244  | -.003874 | .0178663 | .0007254 | .002178  | .0132976 | .0010230 |
| #2 | -.000681 | -.004105 | .0200169 | .0022052 | -.003688 | .0340171 | .0003285 |
| #3 | -.004027 | -.001315 | .0184372 | .0022435 | .000258  | .0159407 | -.000364 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000120</b> | <b>.0000094</b> | <b>.4575886</b> | <b>.0007495</b> | <b>.0001704</b> | <b>.0849148</b> | <b>.0073546</b> |
| Stddev | .000012         | .0001234        | .0052622        | .0001613        | .0001686        | .0000619        | .0040871        |
| %RSD   | 9.651029        | 1318.559        | 1.149976        | 21.52653        | 98.97479        | .0729257        | 55.57200        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000120 | -.000015 | .4616419 | .0008354 | -.000017 | .0848472 | .0052375 |
| #2 | -.000108 | .000143  | .4516417 | .0005634 | .000216  | .0849286 | .0047604 |
| #3 | -.000131 | -.000100 | .4594823 | .0008498 | .000311  | .0849687 | .0120659 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0037077</b> | <b>.0970981</b> | <b>.0026082</b> | <b>.0002221</b> | <b>.4341846</b> | <b>-.001947</b> | <b>.1673301</b> |
| Stddev | .0008009        | .0198389        | .0001925        | .0002068        | .1458967        | .000732         | .0006067        |
| %RSD   | 21.60104        | 20.43176        | 7.380064        | 93.13078        | 33.60247        | 37.60536        | .3625845        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0031508 | .1104103 | .0028167 | .0004426 | .5114313 | -.002740 | .1673187 |
| #2 | .0033468 | .1065872 | .0024373 | .0000324 | .5252168 | -.001804 | .1667291 |
| #3 | .0046256 | .0742967 | .0025705 | .0001913 | .2659056 | -.001297 | .1679424 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-2.35056</b> | <b>.0021134</b> | <b>-.002149</b> | <b>-.000104</b> | <b>.2539324</b> | <b>.0957805</b> | <b>-.005389</b> |
| Stddev | .03220          | .0004183        | .000316         | .000245         | .0030699        | .0006569        | .000635         |
| %RSD   | 1.370004        | 19.79447        | 14.70728        | 235.8617        | 1.208954        | .6858054        | 11.77636        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -2.35153 | .0020927 | -.001947 | .000179  | .2568105 | .0963362 | -.004761 |
| #2 | -2.31789 | .0017058 | -.001987 | -.000257 | .2542855 | .0950556 | -.006030 |
| #3 | -2.38227 | .0025418 | -.002513 | -.000233 | .2507011 | .0959496 | -.005376 |

Sample Name: K6093-01DUP      Acquired: 12/07/2019 15:38:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATERDU      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000511</b> | <b>-.018050</b> | <b>.0040069</b> |
| Stddev | .000903         | .001990         | .0000512        |
| %RSD   | 176.8115        | 11.02452        | 1.279124        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000232  | -.017737 | .0040653 |
| #2 | -.001516 | -.020178 | .0039692 |
| #3 | -.000248 | -.016235 | .0039863 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1609.536</b> | <b>3249.280</b> | <b>38246.97</b> | <b>8013.196</b> | <b>3714.084</b> |
| Stddev    | 6.026           | 4.287           | 128.13          | 56.046          | 1.303           |
| %RSD      | .3744190        | .1319477        | .3350141        | .6994199        | .0350877        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1612.165 | 3247.996 | 38176.65 | 8060.810 | 3713.412 |
| #2 | 1613.801 | 3254.062 | 38394.86 | 7951.431 | 3715.585 |
| #3 | 1602.642 | 3245.781 | 38169.39 | 8027.347 | 3713.253 |

Sample Name: K6093-01LX5      Acquired: 12/07/2019 15:42:24      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009674 | -.002325 | .0033654 | .0000945 | -.001302 | -.002553 | -.001587 |
| Stddev | .0022909 | .001381  | .0006268 | .0006247 | .000775  | .011380  | .000270  |
| %RSD   | 236.8221 | 59.42266 | 18.62599 | 661.2150 | 59.52926 | 445.7836 | 17.02281 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025825 | -.002221 | .0036614 | .0004450 | -.000844 | .004739  | -.001778 |
| #2 | .0019742 | -.003755 | .0026454 | .0004652 | -.002196 | -.015666 | -.001278 |
| #3 | -.001655 | -.000998 | .0037895 | -.000627 | -.000865 | .003269  | -.001706 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000048 | .0000020 | .1096067 | .0003369 | -.000012 | .0199373 | -.004173 |
| Stddev | .000060  | .0001429 | .0113989 | .0001115 | .000076  | .0006661 | .004088  |
| %RSD   | 125.1539 | 6969.000 | 10.39979 | 33.08229 | 623.1175 | 3.340949 | 97.96164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000020  | -.000090 | .0999098 | .0003839 | -.000099 | .0200404 | -.008461 |
| #2 | -.000094 | .000167  | .1067474 | .0002097 | .000021  | .0205458 | -.003740 |
| #3 | -.000068 | -.000071 | .1221630 | .0004172 | .000042  | .0192256 | -.000319 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0011823 | .0103114 | .0006979 | .0004890 | -.057206 | -.000878 | .0341190 |
| Stddev | .0000550 | .0155231 | .0000874 | .0003765 | .230928  | .000973  | .0008268 |
| %RSD   | 4.653786 | 150.5425 | 12.52629 | 76.98775 | 403.6807 | 110.7893 | 2.423252 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012173 | .0234545 | .0006652 | .0007172 | .042988  | -.001864 | .0344614 |
| #2 | .0012108 | .0142950 | .0007969 | .0006954 | -.321309 | -.000851 | .0347197 |
| #3 | .0011189 | -.006815 | .0006315 | .0000545 | .106704  | .000081  | .0331761 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.486927 | .0005636 | -.004281 | .0000971 | .0492117 | .0048144 | -.004521 |
| Stddev | .031735  | .0012153 | .000617  | .0003178 | .0024895 | .0013614 | .001691  |
| %RSD   | 6.517396 | 215.6512 | 14.41950 | 327.2406 | 5.058660 | 28.27817 | 37.39368 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.512761 | .0015786 | -.004935 | .0002189 | .0507728 | .0061590 | -.005460 |
| #2 | -.451503 | .0008952 | -.004197 | .0003361 | .0505217 | .0048476 | -.002570 |
| #3 | -.496516 | -.000783 | -.003709 | -.000264 | .0463408 | .0034367 | -.005534 |

Sample Name: K6093-01LX5      Acquired: 12/07/2019 15:42:24      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000491</b> | <b>-.005860</b> | <b>.0007229</b> |
| Stddev | .000560         | .001274         | .0000296        |
| %RSD   | 113.9721        | 21.73311        | 4.100578        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000033</b> | <b>-.004391</b> | <b>.0006999</b> |
| #2 | <b>-.001116</b> | <b>-.006532</b> | <b>.0007564</b> |
| #3 | <b>-.000326</b> | <b>-.006657</b> | <b>.0007123</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1556.564</b> | <b>3157.200</b> | <b>36914.86</b> | <b>7826.246</b> | <b>3625.214</b> |
| Stddev    | 8.427           | 6.945           | 87.14           | 53.195          | 4.408           |
| %RSD      | .5413939        | .2199670        | .2360482        | .6797038        | .1216066        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1554.264 | 3149.192 | 36907.53 | 7833.145 | 3627.083 |
| #2 | 1549.525 | 3160.843 | 36831.62 | 7769.938 | 3620.178 |
| #3 | 1565.902 | 3161.566 | 37005.43 | 7875.656 | 3628.379 |



Sample Name: K6093-01MS      Acquired: 12/07/2019 15:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATERMS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8706617</b> | <b>2.155056</b> | <b>1.128187</b> | <b>2.200155</b> | <b>.8775640</b> | <b>2.308147</b> | <b>.2272615</b> |
| Stddev | .0057075        | .006541         | .001073         | .004083         | .0015453        | .014000         | .0014182        |
| %RSD   | .6555358        | .3035178        | .0950659        | .1855640        | .1760936        | .6065414        | .6240456        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.8718477</b> | <b>2.147507</b> | <b>1.128848</b> | <b>2.197936</b> | <b>.8780857</b> | <b>2.292161</b> | <b>.2256422</b> |
| #2 | <b>.8756830</b> | <b>2.158616</b> | <b>1.126950</b> | <b>2.204866</b> | <b>.8787810</b> | <b>2.314058</b> | <b>.2278597</b> |
| #3 | <b>.8644544</b> | <b>2.159045</b> | <b>1.128764</b> | <b>2.197661</b> | <b>.8758254</b> | <b>2.318221</b> | <b>.2282826</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2264372</b> | <b>.2288781</b> | <b>1.545264</b> | <b>.4563533</b> | <b>.2260877</b> | <b>.4260027</b> | <b>3.539476</b> |
| Stddev | .0016641        | .0003795        | .005906         | .0023662        | .0005424        | .0027802        | .024664         |
| %RSD   | .7348971        | .1658232        | .3821697        | .5184904        | .2398944        | .6526235        | .6968365        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2246053</b> | <b>.2285944</b> | <b>1.538564</b> | <b>.4538596</b> | <b>.2267138</b> | <b>.4228162</b> | <b>3.513467</b> |
| #2 | <b>.2268507</b> | <b>.2287307</b> | <b>1.549712</b> | <b>.4566334</b> | <b>.2257842</b> | <b>.4279341</b> | <b>3.562530</b> |
| #3 | <b>.2278555</b> | <b>.2293092</b> | <b>1.547516</b> | <b>.4585670</b> | <b>.2257650</b> | <b>.4272576</b> | <b>3.542432</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2307107</b> | <b>2.325423</b> | <b>.5559647</b> | <b>.0814884</b> | <b>3.955068</b> | <b>.3429595</b> | <b>.4002811</b> |
| Stddev | .0011208        | .021174         | .0004152        | .0008138        | .079833         | .0034283        | .0013837        |
| %RSD   | .4858001        | .9105237        | .0746761        | .9986675        | 2.018492        | .9996167        | .3456769        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2303525</b> | <b>2.306171</b> | <b>.5555480</b> | <b>.0824165</b> | <b>4.040660</b> | <b>.3390969</b> | <b>.4009207</b> |
| #2 | <b>.2298127</b> | <b>2.348100</b> | <b>.5559676</b> | <b>.0808967</b> | <b>3.882628</b> | <b>.3456414</b> | <b>.3986934</b> |
| #3 | <b>.2319668</b> | <b>2.321998</b> | <b>.5563784</b> | <b>.0811521</b> | <b>3.941916</b> | <b>.3441402</b> | <b>.4012293</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.811661</b> | <b>6.304926</b> | <b>.3231080</b> | <b>.4482845</b> | <b>.2370936</b> | <b>1.082838</b> | <b>.7844681</b> |
| Stddev | .098247         | .009569         | .0035832        | .0003553        | .0021489        | .010677         | .0015612        |
| %RSD   | 1.114963        | .1517724        | 1.108970        | .0792648        | .9063352        | .9860348        | .1990162        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>8.698873</b> | <b>6.314183</b> | <b>.3189722</b> | <b>.4478828</b> | <b>.2392325</b> | <b>1.071231</b> | <b>.7855371</b> |
| #2 | <b>8.857496</b> | <b>6.305522</b> | <b>.3250721</b> | <b>.4484128</b> | <b>.2371134</b> | <b>1.085039</b> | <b>.7851907</b> |
| #3 | <b>8.878616</b> | <b>6.295073</b> | <b>.3252796</b> | <b>.4485578</b> | <b>.2349350</b> | <b>1.092243</b> | <b>.7826765</b> |

Sample Name: K6093-01MS      Acquired: 12/07/2019 15:46:17      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATERMS Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2213337</b> | <b>.2144837</b> | <b>.2395463</b> |
| Stddev | .0020756        | .0004084        | .0009099        |
| %RSD   | .9377777        | .1904010        | .3798280        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2211378</b> | <b>.2144402</b> | <b>.2387528</b> |
| #2 | <b>.2193630</b> | <b>.2149120</b> | <b>.2393468</b> |
| #3 | <b>.2235004</b> | <b>.2140988</b> | <b>.2405394</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1602.276</b> | <b>3238.715</b> | <b>37980.18</b> | <b>7933.154</b> | <b>3729.891</b> |
| Stddev    | 9.667           | 5.049           | 173.14          | 48.571          | 10.288          |
| %RSD      | .6033447        | .1558998        | .4558771        | .6122560        | .2758237        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1591.126 | 3242.905 | 37783.85 | 7928.101 | 3738.041 |
| #2 | 1607.375 | 3240.131 | 38045.66 | 7984.055 | 3733.301 |
| #3 | 1608.326 | 3233.109 | 38111.04 | 7887.307 | 3718.331 |

Sample Name: CCV03      Acquired: 12/07/2019 15:49:56      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV15765      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.036493</b> | <b>4.947427</b> | <b>5.014176</b> | <b>5.294574</b> | <b>4.963883</b> | <b>10.15778</b> | <b>10.08752</b> |
| Stddev | .017876         | .010829         | .003604         | .013263         | .014662         | .05895          | .01695          |
| %RSD   | .3549240        | .2188749        | .0718812        | .2505089        | .2953751        | .5803742        | .1680676        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.021032 | 4.943667 | 5.016249 | 5.308196 | 4.953906 | 10.09010 | 10.08853 |
| #2 | 5.032380 | 4.938981 | 5.010015 | 5.293827 | 4.957026 | 10.19794 | 10.07008 |
| #3 | 5.056067 | 4.959635 | 5.016266 | 5.281700 | 4.980717 | 10.18530 | 10.10394 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2482638</b> | <b>2.544365</b> | <b>24.75564</b> | <b>.9923948</b> | <b>2.514179</b> | <b>1.238542</b> | <b>4.936279</b> |
| Stddev | .0005887        | .002382         | .06778          | .0020749        | .004529         | .007785         | .011090         |
| %RSD   | .2371340        | .0936171        | .2738041        | .2090807        | .1801447        | .6285579        | .2246556        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2488074 | 2.541757 | 24.69057 | .9904669 | 2.513876 | 1.235057 | 4.928015 |
| #2 | .2483456 | 2.544912 | 24.75051 | .9945906 | 2.509809 | 1.233109 | 4.931939 |
| #3 | .2476385 | 2.546426 | 24.82584 | .9921268 | 2.518852 | 1.247461 | 4.948882 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.458567</b> | <b>24.24087</b> | <b>2.432959</b> | <b>1.233211</b> | <b>24.57444</b> | <b>2.462329</b> | <b>2.543495</b> |
| Stddev | .003694         | .10557          | .001221         | .004359         | .15928          | .008799         | .010212         |
| %RSD   | .1502658        | .4355196        | .0501726        | .3534511        | .6481633        | .3573565        | .4014868        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.455563 | 24.13640 | 2.432498 | 1.237859 | 24.74581 | 2.463084 | 2.552508 |
| #2 | 2.457446 | 24.23869 | 2.432036 | 1.232561 | 24.43092 | 2.453177 | 2.532404 |
| #3 | 2.462693 | 24.34752 | 2.434343 | 1.229214 | 24.54660 | 2.470726 | 2.545572 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.66001</b> | <b>4.953406</b> | <b>4.896139</b> | <b>5.047299</b> | <b>5.180693</b> | <b>4.725097</b> | <b>4.982868</b> |
| Stddev | .08116          | .007906         | .015918         | .011487         | .009663         | .012774         | .009399         |
| %RSD   | .3291208        | .1596092        | .3251118        | .2275899        | .1865231        | .2703491        | .1886259        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.63226 | 4.951202 | 4.913219 | 5.044413 | 5.172484 | 4.738940 | 4.993345 |
| #2 | 24.59636 | 4.946836 | 4.893478 | 5.037531 | 5.191343 | 4.722587 | 4.975176 |
| #3 | 24.75140 | 4.962181 | 4.881719 | 5.059954 | 5.178253 | 4.713764 | 4.980084 |

Sample Name: CCV03      Acquired: 12/07/2019 15:49:56      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV15765      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.056037</b> | <b>4.994962</b> | <b>5.149408</b> |
| Stddev | .045572         | .015225         | .057085         |
| %RSD   | .9013304        | .3048026        | 1.108578        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.004327 | 4.979225 | 5.083855 |
| #2 | 5.090335 | 4.996044 | 5.176195 |
| #3 | 5.073450 | 5.009617 | 5.188173 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1519.331</b> | <b>3097.808</b> | <b>36543.96</b> | <b>7914.925</b> | <b>3538.699</b> |
| Stddev    | 7.205           | 2.664           | 93.06           | 30.092          | 6.521           |
| %RSD      | .4742510        | .0860030        | .2546437        | .3801968        | .1842732        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1517.416 | 3096.568 | 36651.06 | 7937.483 | 3536.483 |
| #2 | 1527.300 | 3095.989 | 36497.92 | 7926.535 | 3533.574 |
| #3 | 1513.276 | 3100.866 | 36482.89 | 7880.757 | 3546.039 |

Sample Name: CCB03      Acquired: 12/07/2019 15:53:34      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB15765      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031474 | .0011351 | -.000006 | .0032476 | -.000093 | -.002997 | -.002132 |
| Stddev | .0014629 | .0011608 | .001511  | .0007367 | .001343  | .006321  | .000206  |
| %RSD   | 46.48095 | 102.2645 | 26022.80 | 22.68354 | 1438.400 | 210.8948 | 9.659630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022169 | .0016317 | -.000620 | .0040962 | .000914  | .002086  | -.002333 |
| #2 | .0023916 | -.000191 | .001716  | .0027722 | .000423  | -.001003 | -.001922 |
| #3 | .0048337 | .001965  | -.001112 | .0028745 | -.001617 | -.010075 | -.002141 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000078 | .0000464 | .0167123 | .0004281 | -.000225 | .0027048 | -.001413 |
| Stddev | .000046  | .0000581 | .0110061 | .0002148 | .000189  | .0009362 | .001622  |
| %RSD   | 59.11436 | 125.2846 | 65.85621 | 50.17045 | 84.27011 | 34.61220 | 114.8121 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000090 | .0001045 | .0170826 | .0005252 | -.000346 | .0026999 | -.003270 |
| #2 | -.000027 | -.000012 | .0275285 | .0005772 | -.000006 | .0036435 | -.000271 |
| #3 | -.000118 | .000046  | .0055257 | .0001819 | -.000322 | .0017711 | -.000698 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007392 | .0064007 | .0000037 | .0005904 | -.129411 | -.001265 | -.000159 |
| Stddev | .0006141 | .0136407 | .0002536 | .0001819 | .143328  | .001106  | .000383  |
| %RSD   | 83.08037 | 213.1123 | 6828.187 | 30.80799 | 110.7540 | 87.42222 | 241.3130 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0006591 | -.003838 | .0001972 | .0006639 | -.272244 | -.000679 | .000082  |
| #2 | .0013894 | .021886  | .0000973 | .0007241 | .014407  | -.000575 | .000043  |
| #3 | .0001690 | .001154  | -.000283 | .0003833 | -.130395 | -.002541 | -.000601 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0742638 | -.001246 | .0065937 | .0004937 | -.004156 | -.014185 | -.003876 |
| Stddev | .0816973 | .002804  | .0013347 | .0006778 | .003079  | .000924  | .000487  |
| %RSD   | 110.0096 | 225.0022 | 20.24150 | 137.2897 | 74.07939 | 6.512532 | 12.57332 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.020019 | -.002811 | .0081219 | .0009790 | -.000626 | -.014160 | -.003831 |
| #2 | .118670  | -.002919 | .0060023 | .0007828 | -.005554 | -.015122 | -.003413 |
| #3 | .124141  | .001991  | .0056569 | -.000281 | -.006289 | -.013274 | -.004385 |

Sample Name: CCB03      Acquired: 12/07/2019 15:53:34      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB15765      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000232</b> | <b>-.003387</b> | <b>.0000877</b> |
| Stddev | .000343         | .001079         | .0000984        |
| %RSD   | 148.1851        | 31.84233        | 112.2857        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000160  | -.002231 | .0001819 |
| #2 | -.000480 | -.003565 | .0000957 |
| #3 | -.000375 | -.004367 | -.000015 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1555.715</b> | <b>3148.142</b> | <b>36883.12</b> | <b>7824.670</b> | <b>3622.001</b> |
| Stddev    | 23.169          | 2.553           | 106.91          | 9.536           | 7.617           |
| %RSD      | 1.489284        | .0810941        | .2898750        | .1218728        | .2102890        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1578.224 | 3150.368 | 36917.65 | 7816.143 | 3625.650 |
| #2 | 1531.938 | 3148.703 | 36763.20 | 7834.967 | 3627.106 |
| #3 | 1556.983 | 3145.355 | 36968.50 | 7822.900 | 3613.246 |

Sample Name: K6093-01MSD      Acquired: 12/07/2019 15:57:27      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATERMS      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8703405</b> | <b>2.147999</b> | <b>1.123021</b> | <b>2.214228</b> | <b>.8770828</b> | <b>2.351228</b> | <b>.2313671</b> |
| Stddev | .0011257        | .002179         | .000710         | .005311         | .0030184        | .068940         | .0053520        |
| %RSD   | .1293349        | .1014228        | .0631846        | .2398471        | .3441414        | 2.932101        | 2.313228        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8706284 | 2.145959 | 1.123093 | 2.208158 | .8789700 | 2.430807 | .2375431 |
| #2 | .8712943 | 2.150294 | 1.122278 | 2.216506 | .8786769 | 2.313216 | .2280864 |
| #3 | .8690989 | 2.147744 | 1.123692 | 2.218020 | .8736016 | 2.309661 | .2284718 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2308023</b> | <b>.2290316</b> | <b>1.569196</b> | <b>.4550013</b> | <b>.2264805</b> | <b>.4324906</b> | <b>3.607524</b> |
| Stddev | .0076561        | .0001092        | .015366         | .0020194        | .0001314        | .0125027        | .065181         |
| %RSD   | 3.317182        | .0476685        | .9792056        | .4438296        | .0580210        | 2.890859        | 1.806818        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2395781 | .2291299 | 1.586920 | .4569969 | .2264745 | .4467048 | 3.682077 |
| #2 | .2273390 | .2290509 | 1.559612 | .4550483 | .2263523 | .4275709 | 3.579189 |
| #3 | .2254898 | .2289141 | 1.561058 | .4529588 | .2266149 | .4231961 | 3.561305 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2344794</b> | <b>2.394069</b> | <b>.5554790</b> | <b>.0816301</b> | <b>3.826880</b> | <b>.3456077</b> | <b>.4022091</b> |
| Stddev | .0055602        | .047210         | .0008222        | .0011738        | .304253         | .0075977        | .0018529        |
| %RSD   | 2.371290        | 1.971942        | .1480195        | 1.437993        | 7.950420        | 2.198350        | .4606915        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2407954 | 2.448367 | .5558303 | .0824639 | 3.660917 | .3540548 | .4039368 |
| #2 | .2323201 | 2.371105 | .5560671 | .0821387 | 4.178026 | .3393326 | .4024383 |
| #3 | .2303228 | 2.362734 | .5545394 | .0802878 | 3.641698 | .3434357 | .4002523 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>9.060463</b> | <b>6.297144</b> | <b>.3331588</b> | <b>.4472540</b> | <b>.2367020</b> | <b>1.106974</b> | <b>.7790776</b> |
| Stddev | .306527         | .004045         | .0125481        | .0008364        | .0033772        | .038501         | .0009170        |
| %RSD   | 3.383130        | .0642319        | 3.766400        | .1870078        | 1.426789        | 3.478011        | .1177058        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.414089 | 6.299768 | .3475187 | .4464359 | .2333877 | 1.151159 | .7782721 |
| #2 | 8.870589 | 6.299177 | .3276516 | .4472185 | .2365796 | 1.089138 | .7800756 |
| #3 | 8.896711 | 6.292486 | .3243060 | .4481076 | .2401388 | 1.080626 | .7788850 |

Sample Name: K6093-01MSD      Acquired: 12/07/2019 15:57:27      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: POOL-WATERMS Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2255410</b> | <b>.2166543</b> | <b>.2427815</b> |
| Stddev | .0060573        | .0083583        | .0057955        |
| %RSD   | 2.685679        | 3.857907        | 2.387136        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2318276</b> | <b>.2263055</b> | <b>.2494707</b> |
| #2 | <b>.2197426</b> | <b>.2117827</b> | <b>.2392662</b> |
| #3 | <b>.2250528</b> | <b>.2118748</b> | <b>.2396076</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1600.885</b> | <b>3232.294</b> | <b>38024.42</b> | <b>7824.987</b> | <b>3730.169</b> |
| Stddev    | 9.114           | 3.187           | 67.85           | 212.371         | 5.530           |
| %RSD      | .5692989        | .0986074        | .1784375        | 2.714006        | .1482421        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1604.866 | 3230.953 | 38101.69 | 7579.831 | 3730.372 |
| #2 | 1590.457 | 3229.996 | 37974.58 | 7942.553 | 3724.540 |
| #3 | 1607.330 | 3235.932 | 37996.98 | 7952.577 | 3735.594 |



Sample Name: K6093-01A      Acquired: 12/07/2019 16:01:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA8752      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.8660223</b> | <b>2.153242</b> | <b>1.127644</b> | <b>2.208954</b> | <b>.8734582</b> | <b>2.322643</b> | <b>.2260049</b> |
| Stddev | .0035949        | .003529         | .004480         | .008787         | .0064551        | .017808         | .0010141        |
| %RSD   | .4151087        | .1638856        | .3973177        | .3977890        | .7390320        | .7667270        | .4487305        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8637509 | 2.154577 | 1.132014 | 2.199456 | .8690655 | 2.306179 | .2259518 |
| #2 | .8701670 | 2.149241 | 1.123061 | 2.216794 | .8704394 | 2.320206 | .2270445 |
| #3 | .8641489 | 2.155909 | 1.127855 | 2.210613 | .8808696 | 2.341544 | .2250183 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2265732</b> | <b>.2288838</b> | <b>1.532825</b> | <b>.4540114</b> | <b>.2262764</b> | <b>.4235034</b> | <b>3.499044</b> |
| Stddev | .0005787        | .0001144        | .012304         | .0010140        | .0001735        | .0032127        | .019022         |
| %RSD   | .2554146        | .0499766        | .8026955        | .2233341        | .0766876        | .7585998        | .5436297        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2267648 | .2289766 | 1.521793 | .4549875 | .2260858 | .4235576 | 3.477657 |
| #2 | .2259230 | .2287560 | 1.530586 | .4540834 | .2264252 | .4202640 | 3.514071 |
| #3 | .2270318 | .2289188 | 1.546094 | .4529634 | .2263182 | .4266887 | 3.505404 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2302354</b> | <b>2.294944</b> | <b>.5529663</b> | <b>.0809407</b> | <b>3.908402</b> | <b>.3375226</b> | <b>.3996805</b> |
| Stddev | .0003600        | .034024         | .0009317        | .0004442        | .092397         | .0008077        | .0018584        |
| %RSD   | .1563429        | 1.482564        | .1684933        | .5488642        | 2.364057        | .2392946        | .4649641        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2306491 | 2.255691 | .5521928 | .0814535 | 3.905488 | .3381705 | .4017611 |
| #2 | .2300627 | 2.313149 | .5527055 | .0806723 | 3.817497 | .3377797 | .3981854 |
| #3 | .2299943 | 2.315992 | .5540007 | .0806963 | 4.002222 | .3366177 | .3990950 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>8.823945</b> | <b>6.272208</b> | <b>.3260247</b> | <b>.4476069</b> | <b>.2420064</b> | <b>1.083081</b> | <b>.7843863</b> |
| Stddev | .036551         | .010327         | .0021255        | .0005316        | .0061979        | .004408         | .0007139        |
| %RSD   | .4142295        | .1646414        | .6519442        | .1187668        | 2.561066        | .4069443        | .0910124        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.804357 | 6.269756 | .3258555 | .4475433 | .2349566 | 1.086040 | .7852091 |
| #2 | 8.866115 | 6.283540 | .3239888 | .4481675 | .2444638 | 1.078015 | .7840181 |
| #3 | 8.801362 | 6.263327 | .3282297 | .4471100 | .2465988 | 1.085187 | .7839317 |

Sample Name: K6093-01A      Acquired: 12/07/2019 16:01:08      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSA8752      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2233373</b> | <b>.2131754</b> | <b>.2403310</b> |
| Stddev | .0023616        | .0016889        | .0016116        |
| %RSD   | 1.057429        | .7922367        | .6705839        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2212964</b> | <b>.2113061</b> | <b>.2387075</b> |
| #2 | <b>.2227914</b> | <b>.2145911</b> | <b>.2403551</b> |
| #3 | <b>.2259240</b> | <b>.2136291</b> | <b>.2419305</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1607.176</b> | <b>3221.997</b> | <b>38241.32</b> | <b>7893.048</b> | <b>3715.041</b> |
| Stddev    | 6.109           | 3.343           | 91.72           | 38.940          | 3.873           |
| %RSD      | .3800956        | .1037481        | .2398445        | .4933434        | .1042634        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1600.882 | 3225.586 | 38307.03 | 7928.151 | 3718.792 |
| #2 | 1607.565 | 3218.972 | 38136.54 | 7899.831 | 3711.056 |
| #3 | 1613.082 | 3221.433 | 38280.40 | 7851.162 | 3715.277 |

Sample Name: K6131-02      Acquired: 12/07/2019 16:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: COMP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0046203 | -.000267 | .2382568 | -.000464 | .0264710 | 1.594122 | .1272748 |
| Stddev | .0021458 | .001554  | .0006233 | .001416  | .0007446 | .009076  | .0017059 |
| %RSD   | 46.44346 | 581.6317 | .2616009 | 304.8545 | 2.812990 | .5693356 | 1.340346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022433 | -.001729 | .2388304 | .000888  | .0258913 | 1.599043 | .1271008 |
| #2 | .0064145 | -.000438 | .2375936 | -.001937 | .0262109 | 1.583648 | .1256626 |
| #3 | .0052030 | .001365  | .2383466 | -.000344 | .0273108 | 1.599674 | .1290611 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002195 | .0054146 | 16.73056 | .0231961 | .0042477 | .2990119 | 10.17360 |
| Stddev | .0001039 | .0000481 | .14652   | .0009184 | .0002315 | .0051789 | .13398   |
| %RSD   | 47.35529 | .8879613 | .8757390 | 3.959131 | 5.451095 | 1.732008 | 1.316932 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002466 | .0054695 | 16.69084 | .0223804 | .0040629 | .2982160 | 10.12088 |
| #2 | .0003072 | .0053944 | 16.60799 | .0241908 | .0041728 | .2942770 | 10.07399 |
| #3 | .0001047 | .0053800 | 16.89284 | .0230172 | .0045074 | .3045427 | 10.32591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1160790 | 4.125917 | .0293622 | .0015289 | 448.9595 | .0041102 | .8816031 |
| Stddev | .0016459 | .069850  | .0003284 | .0001110 | 5.6336   | .0007311 | .0026474 |
| %RSD   | 1.417917 | 1.692954 | 1.118516 | 7.260586 | 1.254814 | 17.78821 | .3002908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1169995 | 4.121626 | .0295096 | .0015247 | 449.3258 | .0033543 | .8809175 |
| #2 | .1141788 | 4.058311 | .0295912 | .0014201 | 443.1517 | .0041627 | .8793660 |
| #3 | .1170588 | 4.197813 | .0289859 | .0016420 | 454.4010 | .0048137 | .8845258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.36952 | 5.139754 | .2562369 | .0638818 | 81.84278 | 13.81020 | .0046295 |
| Stddev | .04093   | .010959  | .0050265 | .0001830 | .12113   | .21119   | .0019136 |
| %RSD   | .3600021 | .2132297 | 1.961657 | .2864813 | .1480009 | 1.529236 | 41.33486 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.38221 | 5.129437 | .2558123 | .0638350 | 81.70516 | 13.71173 | .0029766 |
| #2 | 11.32375 | 5.138564 | .2514361 | .0640837 | 81.88997 | 13.66623 | .0041861 |
| #3 | 11.40261 | 5.151259 | .2614621 | .0637268 | 81.93321 | 14.05265 | .0067259 |

Sample Name: K6131-02      Acquired: 12/07/2019 16:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0252770</b> | <b>.1395509</b> | <b>.1290475</b> |
| Stddev | .0012897        | .0019268        | .0007768        |
| %RSD   | 5.102072        | 1.380697        | .6019607        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0266794</b> | <b>.1380806</b> | <b>.1287999</b> |
| #2 | <b>.0241421</b> | <b>.1388399</b> | <b>.1284247</b> |
| #3 | <b>.0250096</b> | <b>.1417321</b> | <b>.1299180</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1546.805</b> | <b>3106.702</b> | <b>36108.64</b> | <b>7692.749</b> | <b>3415.465</b> |
| Stddev    | 2.643           | 8.195           | 120.83          | 74.914          | 5.894           |
| %RSD      | .1708759        | .2637894        | .3346160        | .9738279        | .1725703        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1548.346 | 3113.223 | 36042.32 | 7668.933 | 3420.507 |
| #2 | 1548.315 | 3109.380 | 36035.50 | 7776.676 | 3416.902 |
| #3 | 1543.753 | 3097.503 | 36248.10 | 7632.637 | 3408.985 |

Sample Name: K6137-01      Acquired: 12/07/2019 16:08:35      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 001-WILLETS-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067130 | -.005667 | .0367286 | .0013132 | .0013414 | 1.528025 | .0785711 |
| Stddev | .0031190 | .000772  | .0013906 | .0012779 | .0006812 | .009738  | .0000721 |
| %RSD   | 46.46141 | 13.61797 | 3.786103 | 97.31077 | 50.78149 | .6373208 | .0917013 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0078288 | -.006558 | .0366600 | .0001250 | .0021202 | 1.539160 | .0785162 |
| #2 | .0091207 | -.005256 | .0381522 | .0011496 | .0008567 | 1.521101 | .0786527 |
| #3 | .0031896 | -.005188 | .0353736 | .0026650 | .0010473 | 1.523813 | .0785444 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002539 | .0000450 | 107.6581 | .0036432 | .0009741 | .0297366 | 20.50385 |
| Stddev | .0000457 | .0000882 | .3078    | .0004847 | .0001528 | .0011293 | .14316   |
| %RSD   | 18.01395 | 195.8185 | .2859431 | 13.30429 | 15.68990 | 3.797496 | .6981993 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002756 | .0001458 | 107.7444 | .0032533 | .0009325 | .0310406 | 20.50587 |
| #2 | .0002014 | -.000018 | 107.3163 | .0034903 | .0008463 | .0290915 | 20.35970 |
| #3 | .0002848 | .000007  | 107.9135 | .0041859 | .0011434 | .0290778 | 20.64599 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5662365 | 8.422346 | .0064773 | .0009107 | 187.6967 | .0063989 | .5270850 |
| Stddev | .0011863 | .041873  | .0005084 | .0004581 | .5002    | .0027415 | .0032427 |
| %RSD   | .2094988 | .4971617 | 7.849350 | 50.29509 | .2664745 | 42.84391 | .6152095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5665804 | 8.456988 | .0060893 | .0012620 | 188.2737 | .0089731 | .5307316 |
| #2 | .5649163 | 8.375814 | .0070529 | .0003927 | 187.3883 | .0067073 | .5259976 |
| #3 | .5672128 | 8.434236 | .0062899 | .0010775 | 187.4279 | .0035162 | .5245258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.500191 | 1.423118 | .0613337 | .0015789 | 2.370839 | 10.92054 | -.007770 |
| Stddev | .033179  | .006526  | .0002815 | .0003948 | .007099  | .01697   | .000108  |
| %RSD   | .3903325 | .4585424 | .4589818 | 25.00300 | .2994506 | .1554102 | 1.383464 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.476728 | 1.416052 | .0610382 | .0011233 | 2.366808 | 10.92382 | -.007657 |
| #2 | 8.538152 | 1.428918 | .0613640 | .0017928 | 2.379037 | 10.90217 | -.007870 |
| #3 | 8.485695 | 1.424384 | .0615988 | .0018205 | 2.366673 | 10.93564 | -.007784 |

Sample Name: K6137-01      Acquired: 12/07/2019 16:08:35      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 001-WILLETS-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0518921</b> | <b>.0121172</b> | <b>.4524691</b> |
| Stddev | .0008924        | .0004045        | .0012452        |
| %RSD   | 1.719728        | 3.338154        | .2751999        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0518197</b> | <b>.0124438</b> | <b>.4515688</b> |
| #2 | <b>.0528185</b> | <b>.0116647</b> | <b>.4538901</b> |
| #3 | <b>.0510381</b> | <b>.0122430</b> | <b>.4519484</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1533.203</b> | <b>3097.389</b> | <b>36500.34</b> | <b>7846.710</b> | <b>3470.054</b> |
| Stddev    | 6.864           | 8.394           | 30.42           | 30.152          | 2.548           |
| %RSD      | .4476897        | .2710025        | .0833545        | .3842588        | .0734264        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1525.292</b> | <b>3102.052</b> | <b>36489.53</b> | <b>7853.701</b> | <b>3470.933</b> |
| #2 | <b>1537.574</b> | <b>3102.417</b> | <b>36476.80</b> | <b>7813.677</b> | <b>3472.047</b> |
| #3 | <b>1536.744</b> | <b>3087.699</b> | <b>36534.70</b> | <b>7872.752</b> | <b>3467.183</b> |

Sample Name: K6137-02      Acquired: 12/07/2019 16:12:21      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001439 | -.002775 | .0359482 | .0012906 | .0010093 | 1.443730 | .0769112 |
| Stddev | .0008837 | .001445  | .0025509 | .0043684 | .0001715 | .015943  | .0001943 |
| %RSD   | 614.2701 | 52.06441 | 7.096163 | 338.4778 | 16.98880 | 1.104306 | .2526561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007535 | -.003842 | .0369804 | -.003747 | .0010585 | 1.435581 | .0768852 |
| #2 | .0005478 | -.003351 | .0330429 | .004024  | .0008186 | 1.433508 | .0771172 |
| #3 | -.000870 | -.001131 | .0378212 | .003595  | .0011507 | 1.462100 | .0767312 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002239 | -.000066 | 107.1170 | .0044626 | .0009531 | .0307072 | 20.41601 |
| Stddev | .0001055 | .000051  | .2233    | .0001741 | .0001915 | .0025020 | .07441   |
| %RSD   | 47.13595 | 77.30809 | .2084831 | 3.900910 | 20.09480 | 8.148044 | .3644716 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003217 | -.000124 | 107.2632 | .0042950 | .0007383 | .0284006 | 20.41385 |
| #2 | .0001120 | -.000045 | 107.2277 | .0044504 | .0010151 | .0333671 | 20.49147 |
| #3 | .0002380 | -.000028 | 106.8599 | .0046425 | .0011060 | .0303540 | 20.34269 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5650605 | 8.409201 | .0068064 | .0007112 | 187.6090 | .0075141 | .5026312 |
| Stddev | .0040122 | .044696  | .0005454 | .0002903 | .2050    | .0038835 | .0004464 |
| %RSD   | .7100423 | .5315075 | 8.013211 | 40.82305 | .1092924 | 51.68368 | .0888123 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5685431 | 8.421064 | .0067334 | .0008273 | 187.3748 | .0036195 | .5030072 |
| #2 | .5659653 | 8.446768 | .0073847 | .0009254 | 187.6962 | .0075363 | .5027484 |
| #3 | .5606732 | 8.359771 | .0063012 | .0003808 | 187.7560 | .0113864 | .5021378 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.421666 | 1.433949 | .0554536 | .0019130 | 2.483986 | 10.61774 | -.007697 |
| Stddev | .101008  | .002424  | .0001495 | .0001784 | .010589  | .09989   | .000586  |
| %RSD   | 1.199387 | .1690120 | .2695507 | 9.325337 | .4262734 | .9407626 | 7.616344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.510521 | 1.435286 | .0553159 | .0019990 | 2.478794 | 10.72586 | -.008224 |
| #2 | 8.311807 | 1.435409 | .0556126 | .0017079 | 2.476996 | 10.59849 | -.007065 |
| #3 | 8.442670 | 1.431151 | .0554323 | .0020322 | 2.496169 | 10.52889 | -.007803 |

Sample Name: K6137-02      Acquired: 12/07/2019 16:12:21      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 002-35TH-AVE Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0464426</b> | <b>.0132020</b> | <b>.4525768</b> |
| Stddev | .0005332        | .0008695        | .0015386        |
| %RSD   | 1.147976        | 6.586280        | .3399623        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0458860</b> | <b>.0142034</b> | <b>.4540199</b> |
| #2 | <b>.0464931</b> | <b>.0127640</b> | <b>.4509578</b> |
| #3 | <b>.0469487</b> | <b>.0126385</b> | <b>.4527526</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1527.898</b> | <b>3081.444</b> | <b>36266.08</b> | <b>7844.026</b> | <b>3460.620</b> |
| Stddev    | 2.118           | 4.599           | 154.86          | 30.338          | 4.957           |
| %RSD      | .1386176        | .1492627        | .4270000        | .3867710        | .1432412        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1530.339 | 3083.754 | 36422.39 | 7832.333 | 3465.561 |
| #2 | 1526.801 | 3084.430 | 36263.15 | 7878.471 | 3460.651 |
| #3 | 1526.553 | 3076.147 | 36112.72 | 7821.274 | 3455.647 |



Sample Name: K6163-01      Acquired: 12/07/2019 16:16:07      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: BOTTLE-1      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003427</b> | <b>-.001113</b> | <b>.0041564</b> | <b>.0022427</b> | <b>-.001158</b> | <b>.1415678</b> | <b>.0061136</b> |
| Stddev | .002931         | .001843         | .0005566        | .0004452        | .001616         | .0080299        | .0006174        |
| %RSD   | 85.54685        | 165.5375        | 13.39170        | 19.85219        | 139.4913        | 5.672097        | 10.09792        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.005633</b> | <b>-.001039</b> | <b>.0047439</b> | <b>.0022380</b> | <b>-.002291</b> | <b>.1413909</b> | <b>.0060484</b> |
| #2 | <b>-.004546</b> | <b>.000691</b>  | <b>.0036369</b> | <b>.0017999</b> | <b>.000692</b>  | <b>.1496846</b> | <b>.0067610</b> |
| #3 | <b>-.000100</b> | <b>-.002992</b> | <b>.0040884</b> | <b>.0026903</b> | <b>-.001876</b> | <b>.1336278</b> | <b>.0055315</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000060</b> | <b>.0003678</b> | <b>.2259052</b> | <b>.0012676</b> | <b>.0007699</b> | <b>.0694173</b> | <b>.1003223</b> |
| Stddev | .000023         | .0000306        | .0121849        | .0006637        | .0001277        | .0012292        | .0040761        |
| %RSD   | 38.57678        | 8.311112        | 5.393795        | 52.35255        | 16.58364        | 1.770776        | 4.063007        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000051</b> | <b>.0003368</b> | <b>.2290002</b> | <b>.0011380</b> | <b>.0008608</b> | <b>.0686496</b> | <b>.0990871</b> |
| #2 | <b>-.000086</b> | <b>.0003979</b> | <b>.2124713</b> | <b>.0006784</b> | <b>.0008251</b> | <b>.0687672</b> | <b>.1048732</b> |
| #3 | <b>-.000043</b> | <b>.0003686</b> | <b>.2362441</b> | <b>.0019865</b> | <b>.0006239</b> | <b>.0708350</b> | <b>.0970067</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0118805</b> | <b>.0678852</b> | <b>.0026473</b> | <b>.0001473</b> | <b>.0248397</b> | <b>-.000084</b> | <b>.0761991</b> |
| Stddev | .0003724        | .0042594        | .0001249        | .0004246        | .1237423        | .003787         | .0007646        |
| %RSD   | 3.134437        | 6.274419        | 4.719621        | 288.2052        | 498.1633        | 4523.171        | 1.003439        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0114843</b> | <b>.0668049</b> | <b>.0025340</b> | <b>.0003941</b> | <b>.0906854</b> | <b>-.002426</b> | <b>.0763692</b> |
| #2 | <b>.0122234</b> | <b>.0642699</b> | <b>.0026267</b> | <b>-.000343</b> | <b>.1017367</b> | <b>-.002111</b> | <b>.0768644</b> |
| #3 | <b>.0119337</b> | <b>.0725807</b> | <b>.0027813</b> | <b>.000391</b>  | <b>-.117903</b> | <b>.004286</b>  | <b>.0753638</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-2.11944</b> | <b>.0061587</b> | <b>-.001295</b> | <b>-.000160</b> | <b>.0195665</b> | <b>.0144987</b> | <b>-.005444</b> |
| Stddev | .08539          | .0020769        | .000314         | .000385         | .0029750        | .0004577        | .000526         |
| %RSD   | 4.029105        | 33.72294        | 24.26606        | 240.2416        | 15.20434        | 3.156966        | 9.660857        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-2.19542</b> | <b>.0052922</b> | <b>-.001553</b> | <b>-.000153</b> | <b>.0216537</b> | <b>.0142407</b> | <b>-.004926</b> |
| #2 | <b>-2.02702</b> | <b>.0046554</b> | <b>-.001388</b> | <b>.000221</b>  | <b>.0161601</b> | <b>.0150272</b> | <b>-.005428</b> |
| #3 | <b>-2.13588</b> | <b>.0085286</b> | <b>-.000945</b> | <b>-.000549</b> | <b>.0208857</b> | <b>.0142283</b> | <b>-.005978</b> |

Sample Name: K6163-01      Acquired: 12/07/2019 16:16:07      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: BOTTLE-1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0007816 | -.017780 | .0004771 |
| Stddev | .0004755 | .000933  | .0001108 |
| %RSD   | 60.83398 | 5.248954 | 23.23321 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0002344 | -.016720 | .0003767 |
| #2 | .0010937 | -.018141 | .0005960 |
| #3 | .0010169 | -.018479 | .0004584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1575.236 | 3166.971 | 37143.81 | 7774.624 | 3622.281 |
| Stddev    | 7.503    | 3.181    | 94.68    | 11.379   | 5.491    |
| %RSD      | .4763114 | .1004585 | .2549023 | .1463660 | .1515853 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1580.805 | 3169.125 | 37188.93 | 7784.827 | 3619.517 |
| #2 | 1578.200 | 3168.471 | 37207.48 | 7762.352 | 3628.605 |
| #3 | 1566.704 | 3163.317 | 37035.00 | 7776.694 | 3618.721 |

Sample Name: K6173-01      Acquired: 12/07/2019 16:19:59      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATER      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000746</b> | <b>-.002851</b> | <b>.0039376</b> | <b>-.000315</b> | <b>-.001277</b> | <b>.0832918</b> | <b>.0010759</b> |
| Stddev | .003488         | .002276         | .0010518        | .000636         | .001847         | .0080869        | .0003378        |
| %RSD   | 467.6242        | 79.82586        | 26.71279        | 201.9873        | 144.6409        | 9.709137        | 31.39855        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002938</b> | <b>-.000539</b> | <b>.0041882</b> | <b>-.000350</b> | <b>-.001823</b> | <b>.0922237</b> | <b>.0007735</b> |
| #2 | <b>.003276</b>  | <b>-.002924</b> | <b>.0027831</b> | <b>.000338</b>  | <b>-.002789</b> | <b>.0811849</b> | <b>.0014405</b> |
| #3 | <b>-.002575</b> | <b>-.005089</b> | <b>.0048415</b> | <b>-.000932</b> | <b>.000782</b>  | <b>.0764669</b> | <b>.0010137</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000111</b> | <b>-.000019</b> | <b>1.880198</b> | <b>.0012511</b> | <b>-.000120</b> | <b>.0053636</b> | <b>.2141890</b> |
| Stddev | .000092         | .000014         | .010011         | .0006114        | .000259         | .0010372        | .0129708        |
| %RSD   | 82.73945        | 73.83832        | .5324611        | 48.87201        | 216.6388        | 19.33722        | 6.055767        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000005</b> | <b>-.000003</b> | <b>1.881630</b> | <b>.0007768</b> | <b>-.000080</b> | <b>.0065442</b> | <b>.1993919</b> |
| #2 | <b>-.000162</b> | <b>-.000030</b> | <b>1.889416</b> | <b>.0019412</b> | <b>-.000396</b> | <b>.0049474</b> | <b>.2235939</b> |
| #3 | <b>-.000165</b> | <b>-.000023</b> | <b>1.869547</b> | <b>.0010353</b> | <b>.000117</b>  | <b>.0045991</b> | <b>.2195812</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0025545</b> | <b>.9610857</b> | <b>.0017129</b> | <b>.0004842</b> | <b>.2676795</b> | <b>-.000008</b> | <b>.1173374</b> |
| Stddev | .0001379        | .0377740        | .0002495        | .0003836        | .4253154        | .001701         | .0007318        |
| %RSD   | 5.398744        | 3.930345        | 14.56500        | 79.23171        | 158.8898        | 22351.92        | .6236412        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0026101</b> | <b>1.003321</b> | <b>.0014353</b> | <b>.0007957</b> | <b>.4438820</b> | <b>-.001883</b> | <b>.1175088</b> |
| #2 | <b>.0023975</b> | <b>.930533</b>  | <b>.0019183</b> | <b>.0006011</b> | <b>.5765766</b> | <b>.001435</b>  | <b>.1179683</b> |
| #3 | <b>.0026560</b> | <b>.949403</b>  | <b>.0017852</b> | <b>.0000557</b> | <b>-.217420</b> | <b>.000425</b>  | <b>.1165352</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-2.28746</b> | <b>.0092120</b> | <b>.0003809</b> | <b>-.000286</b> | <b>.1475905</b> | <b>1.370762</b> | <b>-.004148</b> |
| Stddev | .05038          | .0007552        | .0002818        | .000453         | .0010844        | .012505         | .000938         |
| %RSD   | 2.202269        | 8.197471        | 73.96396        | 158.4855        | .7347205        | .9122343        | 22.62207        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-2.23652</b> | <b>.0091631</b> | <b>.0000588</b> | <b>-.000760</b> | <b>.1487394</b> | <b>1.361123</b> | <b>-.003695</b> |
| #2 | <b>-2.28862</b> | <b>.0099904</b> | <b>.0005028</b> | <b>-.000239</b> | <b>.1465848</b> | <b>1.366270</b> | <b>-.005227</b> |
| #3 | <b>-2.33725</b> | <b>.0084825</b> | <b>.0005813</b> | <b>.000142</b>  | <b>.1474472</b> | <b>1.384892</b> | <b>-.003522</b> |

Sample Name: K6173-01      Acquired: 12/07/2019 16:19:59      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: POOL-WATER      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000573</b> | <b>-.016973</b> | <b>.0029482</b> |
| Stddev | .001331         | .000529         | .0000455        |
| %RSD   | 232.3130        | 3.119158        | 1.544147        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000521  | -.016363 | .0029639 |
| #2 | -.002055 | -.017313 | .0029839 |
| #3 | -.000185 | -.017241 | .0028970 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1578.419</b> | <b>3151.142</b> | <b>37244.25</b> | <b>7764.816</b> | <b>3612.403</b> |
| Stddev    | 1.724           | 4.361           | 104.67          | 24.389          | 10.340          |
| %RSD      | .1092506        | .1383928        | .2810272        | .3141012        | .2862388        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1579.534 | 3148.158 | 37180.49 | 7780.401 | 3601.732 |
| #2 | 1576.432 | 3156.147 | 37365.05 | 7777.339 | 3622.377 |
| #3 | 1579.290 | 3149.123 | 37187.22 | 7736.709 | 3613.101 |

Sample Name: K6113-05      Acquired: 12/07/2019 16:23:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003370</b> | <b>-.004855</b> | <b>.0455319</b> | <b>.0034852</b> | <b>-.000730</b> | <b>.1313373</b> | <b>.1041269</b> |
| Stddev | .001081         | .000647         | .0009863        | .0007484        | .000129         | .0045372        | .0013988        |
| %RSD   | 32.07004        | 13.32507        | 2.166265        | 21.47364        | 17.61200        | 3.454577        | 1.343368        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003010</b> | <b>-.004901</b> | <b>.0462215</b> | <b>.0028358</b> | <b>-.000587</b> | <b>.1291309</b> | <b>.1025119</b> |
| #2 | <b>-.004585</b> | <b>-.004187</b> | <b>.0459721</b> | <b>.0033161</b> | <b>-.000766</b> | <b>.1283254</b> | <b>.1049511</b> |
| #3 | <b>-.002515</b> | <b>-.005479</b> | <b>.0444021</b> | <b>.0043037</b> | <b>-.000836</b> | <b>.1365557</b> | <b>.1049179</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000096</b> | <b>.0000650</b> | <b>13.71793</b> | <b>.0010945</b> | <b>.0022733</b> | <b>.0062844</b> | <b>.1280531</b> |
| Stddev | .000024         | .0000199        | .15636          | .0005562        | .0000432        | .0004938        | .0071614        |
| %RSD   | 24.70101        | 30.59085        | 1.139800        | 50.81751        | 1.900123        | 7.858135        | 5.592508        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000071</b> | <b>.0000600</b> | <b>13.54433</b> | <b>.0004534</b> | <b>.0023225</b> | <b>.0063797</b> | <b>.1280269</b> |
| #2 | <b>-.000101</b> | <b>.0000868</b> | <b>13.76180</b> | <b>.0013823</b> | <b>.0022414</b> | <b>.0067237</b> | <b>.1209048</b> |
| #3 | <b>-.000118</b> | <b>.0000480</b> | <b>13.84767</b> | <b>.0014478</b> | <b>.0022561</b> | <b>.0057499</b> | <b>.1352275</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3266298</b> | <b>1.495850</b> | <b>.0029345</b> | <b>.0005910</b> | <b>287.7838</b> | <b>-.003838</b> | <b>.0322320</b> |
| Stddev | .0042053        | .018683         | .0002750        | .0000287        | 2.4395          | .002703         | .0004508        |
| %RSD   | 1.287491        | 1.249003        | 9.371309        | 4.852776        | .8476712        | 70.41313        | 1.398689        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3217787</b> | <b>1.486898</b> | <b>.0032456</b> | <b>.0006070</b> | <b>285.1679</b> | <b>-.001467</b> | <b>.0325623</b> |
| #2 | <b>.3288688</b> | <b>1.483327</b> | <b>.0027238</b> | <b>.0006082</b> | <b>288.1869</b> | <b>-.003266</b> | <b>.0317184</b> |
| #3 | <b>.3292419</b> | <b>1.517325</b> | <b>.0028340</b> | <b>.0005579</b> | <b>289.9966</b> | <b>-.006781</b> | <b>.0324154</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.454439</b> | <b>.0038528</b> | <b>.0064493</b> | <b>.0001212</b> | <b>.1936753</b> | <b>.4331402</b> | <b>.0152275</b> |
| Stddev | .084295         | .0015359        | .0001142        | .0008924        | .0060431        | .0013612        | .0009398        |
| %RSD   | 18.54921        | 39.86385        | 1.770956        | 736.3954        | 3.120246        | .3142578        | 6.171401        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.523926</b> | <b>.0040289</b> | <b>.0063827</b> | <b>.0002230</b> | <b>.1946103</b> | <b>.4346430</b> | <b>.0162049</b> |
| #2 | <b>-.360668</b> | <b>.0052930</b> | <b>.0063840</b> | <b>-.000818</b> | <b>.1991964</b> | <b>.4319900</b> | <b>.0151469</b> |
| #3 | <b>-.478724</b> | <b>.0022365</b> | <b>.0065812</b> | <b>.000958</b>  | <b>.1872191</b> | <b>.4327877</b> | <b>.0143306</b> |

Sample Name: K6113-05      Acquired: 12/07/2019 16:23:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0002608</b> | <b>.0034302</b> | <b>.0453254</b> |
| Stddev | .0004633        | .0012841        | .0004070        |
| %RSD   | 177.6597        | 37.43458        | .8978363        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000069</b> | <b>.0048518</b> | <b>.0448717</b> |
| #2 | <b>.000790</b>  | <b>.0023544</b> | <b>.0454464</b> |
| #3 | <b>.000061</b>  | <b>.0030844</b> | <b>.0456581</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1489.631</b> | <b>3019.783</b> | <b>35586.13</b> | <b>7728.728</b> | <b>3406.615</b> |
| Stddev    | 9.322           | 7.224           | 92.87           | 14.958          | 3.073           |
| %RSD      | .6257651        | .2392307        | .2609606        | .1935357        | .0902202        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1479.145 | 3011.479 | 35479.01 | 7731.404 | 3403.371 |
| #2 | 1496.979 | 3024.617 | 35635.55 | 7712.612 | 3406.990 |
| #3 | 1492.768 | 3023.254 | 35643.84 | 7742.166 | 3409.484 |

Sample Name: K6113-05DUP      Acquired: 12/07/2019 16:27:41      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519 Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004506</b> | <b>-.005798</b> | <b>.0462302</b> | <b>.0042556</b> | <b>-.000475</b> | <b>.1233641</b> | <b>.1054998</b> |
| Stddev | .002581         | .000451         | .0005880        | .0010856        | .001544         | .0086132        | .0007664        |
| %RSD   | 57.28773        | 7.776490        | 1.271939        | 25.50960        | 324.8914        | 6.981943        | .7264088        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007279</b> | <b>-.005818</b> | <b>.0455643</b> | <b>.0051909</b> | <b>-.001803</b> | <b>.1332967</b> | <b>.1046431</b> |
| #2 | <b>-.004063</b> | <b>-.006239</b> | <b>.0466781</b> | <b>.0045106</b> | <b>-.000842</b> | <b>.1179565</b> | <b>.1061202</b> |
| #3 | <b>-.002174</b> | <b>-.005338</b> | <b>.0464482</b> | <b>.0030652</b> | <b>.001219</b>  | <b>.1188390</b> | <b>.1057360</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000078</b> | <b>.0000953</b> | <b>13.89344</b> | <b>.0009374</b> | <b>.0022281</b> | <b>.0059033</b> | <b>.1427508</b> |
| Stddev | .000040         | .0000278        | .13474          | .0006805        | .0000605        | .0019908        | .0061581        |
| %RSD   | 51.38796        | 29.21215        | .9698286        | 72.59055        | 2.715872        | 33.72401        | 4.313864        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000067</b> | <b>.0001226</b> | <b>13.73951</b> | <b>.0004912</b> | <b>.0021582</b> | <b>.0073971</b> | <b>.1426905</b> |
| #2 | <b>-.000122</b> | <b>.0000964</b> | <b>13.99002</b> | <b>.0006005</b> | <b>.0022620</b> | <b>.0036432</b> | <b>.1489389</b> |
| #3 | <b>-.000044</b> | <b>.0000670</b> | <b>13.95079</b> | <b>.0017206</b> | <b>.0022641</b> | <b>.0066696</b> | <b>.1366232</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3293184</b> | <b>1.552844</b> | <b>.0028273</b> | <b>.0005843</b> | <b>291.5390</b> | <b>-.001012</b> | <b>.0329805</b> |
| Stddev | .0032211        | .036377         | .0002360        | .0002301        | 2.2209          | .000854         | .0005583        |
| %RSD   | .9781069        | 2.342577        | 8.346162        | 39.38887        | .7617802        | 84.41159        | 1.692832        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3257320</b> | <b>1.513935</b> | <b>.0027276</b> | <b>.0008208</b> | <b>288.9994</b> | <b>-.001473</b> | <b>.0323385</b> |
| #2 | <b>.3302580</b> | <b>1.558592</b> | <b>.0030968</b> | <b>.0005710</b> | <b>292.5007</b> | <b>-.001536</b> | <b>.0333524</b> |
| #3 | <b>.3319652</b> | <b>1.586003</b> | <b>.0026576</b> | <b>.0003611</b> | <b>293.1171</b> | <b>-.000026</b> | <b>.0332505</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.471734</b> | <b>.0046168</b> | <b>.0062152</b> | <b>.0000040</b> | <b>.1941849</b> | <b>.4371267</b> | <b>.0161213</b> |
| Stddev | .062893         | .0019323        | .0007399        | .0003165        | .0016878        | .0030014        | .0013236        |
| %RSD   | 13.33236        | 41.85322        | 11.90506        | 7880.796        | .8691802        | .6866183        | 8.210140        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.539913</b> | <b>.0026576</b> | <b>.0056138</b> | <b>-.000058</b> | <b>.1922507</b> | <b>.4375213</b> | <b>.0155929</b> |
| #2 | <b>-.415980</b> | <b>.0046717</b> | <b>.0070415</b> | <b>-.000277</b> | <b>.1949452</b> | <b>.4339476</b> | <b>.0151435</b> |
| #3 | <b>-.459310</b> | <b>.0065210</b> | <b>.0059904</b> | <b>.000347</b>  | <b>.1953589</b> | <b>.4399113</b> | <b>.0176274</b> |

Sample Name: K6113-05DUP      Acquired: 12/07/2019 16:27:41      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000657</b> | <b>.0059785</b> | <b>.0458841</b> |
| Stddev | .001002         | .0028282        | .0003517        |
| %RSD   | 152.5918        | 47.30602        | .7664226        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001814</b> | <b>.0028385</b> | <b>.0455843</b> |
| #2 | <b>-.000077</b> | <b>.0083257</b> | <b>.0457967</b> |
| #3 | <b>-.000080</b> | <b>.0067713</b> | <b>.0462712</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1495.963</b> | <b>2991.357</b> | <b>35668.28</b> | <b>7713.538</b> | <b>3377.379</b> |
| Stddev    | 2.428           | 14.868          | 94.78           | 28.408          | 10.821          |
| %RSD      | .1622886        | .4970345        | .2657219        | .3682901        | .3203895        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1497.555</b> | <b>3000.141</b> | <b>35558.89</b> | <b>7705.743</b> | <b>3386.321</b> |
| #2 | <b>1493.169</b> | <b>2999.739</b> | <b>35720.01</b> | <b>7745.030</b> | <b>3380.466</b> |
| #3 | <b>1497.167</b> | <b>2974.190</b> | <b>35725.93</b> | <b>7689.841</b> | <b>3365.350</b> |



Sample Name: K6113-05LX5      Acquired: 12/07/2019 16:31:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB8752      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.003167</b> | <b>-.000500</b> | <b>.0073498</b> | <b>.0033392</b> | <b>-.000672</b> | <b>.0172195</b> | <b>.0207089</b> |
| Stddev | .000647         | .002552         | .0007398        | .0022329        | .000445         | .0006625        | .0008866        |
| %RSD   | 20.42927        | 510.6971        | 10.06572        | 66.86867        | 66.16481        | 3.847357        | 4.281369        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003881</b> | <b>.001312</b>  | <b>.0067296</b> | <b>.0029482</b> | <b>-.000270</b> | <b>.0167011</b> | <b>.0215278</b> |
| #2 | <b>-.002621</b> | <b>-.003419</b> | <b>.0071512</b> | <b>.0057418</b> | <b>-.000596</b> | <b>.0169915</b> | <b>.0197673</b> |
| #3 | <b>-.002998</b> | <b>.000607</b>  | <b>.0081687</b> | <b>.0013276</b> | <b>-.001150</b> | <b>.0179659</b> | <b>.0208314</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000046</b> | <b>.0000532</b> | <b>2.834985</b> | <b>.0001579</b> | <b>.0004162</b> | <b>.0031042</b> | <b>.0266390</b> |
| Stddev | .000035         | .0000451        | .027752         | .0007020        | .0001078        | .0013678        | .0026601        |
| %RSD   | 77.42672        | 84.79081        | .9789004        | 444.6657        | 25.90442        | 44.06182        | 9.985874        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000013</b> | <b>.0000807</b> | <b>2.815718</b> | <b>.0007997</b> | <b>.0003787</b> | <b>.0030263</b> | <b>.0295048</b> |
| #2 | <b>-.000041</b> | <b>.0000777</b> | <b>2.866793</b> | <b>.0002656</b> | <b>.0003321</b> | <b>.0045093</b> | <b>.0242486</b> |
| #3 | <b>-.000083</b> | <b>.0000011</b> | <b>2.822443</b> | <b>-.000592</b> | <b>.0005378</b> | <b>.0017771</b> | <b>.0261637</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0680035</b> | <b>.3552417</b> | <b>.0004059</b> | <b>.0008519</b> | <b>59.43145</b> | <b>.0000269</b> | <b>.0066820</b> |
| Stddev | .0009788        | .0203336        | .0003103        | .0001701        | .83376          | .0016489        | .0001582        |
| %RSD   | 1.439350        | 5.723875        | 76.44736        | 19.96126        | 1.402897        | 6125.946        | 2.366803        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0669735</b> | <b>.3527861</b> | <b>.0007638</b> | <b>.0009940</b> | <b>58.81460</b> | <b>-.001780</b> | <b>.0066389</b> |
| #2 | <b>.0689215</b> | <b>.3766915</b> | <b>.0002432</b> | <b>.0008983</b> | <b>60.38002</b> | <b>.001450</b>  | <b>.0065498</b> |
| #3 | <b>.0681156</b> | <b>.3362474</b> | <b>.0002108</b> | <b>.0006635</b> | <b>59.09974</b> | <b>.000410</b>  | <b>.0068572</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.027310</b> | <b>.0015566</b> | <b>-.002320</b> | <b>.0001212</b> | <b>.0382427</b> | <b>.0797300</b> | <b>-.000679</b> |
| Stddev | .057411         | .0018813        | .001027         | .0001796        | .0015971        | .0017053        | .000185         |
| %RSD   | 210.2177        | 120.8609        | 44.27169        | 148.1650        | 4.176215        | 2.138788        | 27.32098        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.092309</b> | <b>.0013286</b> | <b>-.002776</b> | <b>.0002261</b> | <b>.0400864</b> | <b>.0809257</b> | <b>-.000505</b> |
| #2 | <b>-.006097</b> | <b>-.000200</b> | <b>-.001144</b> | <b>.0002237</b> | <b>.0372837</b> | <b>.0804870</b> | <b>-.000874</b> |
| #3 | <b>.016475</b>  | <b>.003541</b>  | <b>-.003039</b> | <b>-.000086</b> | <b>.0373582</b> | <b>.0777773</b> | <b>-.000657</b> |

Sample Name: K6113-05LX5      Acquired: 12/07/2019 16:31:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: ICSAB8752      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000329</b> | <b>.0075810</b> | <b>.0093126</b> |
| Stddev | .000714         | .0020897        | .0000166        |
| %RSD   | 216.8457        | 27.56441        | .1786872        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001022</b> | <b>.0061407</b> | <b>.0093136</b> |
| #2 | <b>.000405</b>  | <b>.0099778</b> | <b>.0092955</b> |
| #3 | <b>-.000371</b> | <b>.0066247</b> | <b>.0093288</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1542.921</b> | <b>3090.399</b> | <b>36547.53</b> | <b>7701.447</b> | <b>3571.241</b> |
| Stddev    | 10.808          | 5.489           | 284.79          | 15.090          | 4.803           |
| %RSD      | .7005149        | .1776054        | .7792351        | .1959379        | .1344954        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1543.582</b> | <b>3085.014</b> | <b>36442.84</b> | <b>7685.469</b> | <b>3575.768</b> |
| #2 | <b>1553.384</b> | <b>3090.197</b> | <b>36869.85</b> | <b>7703.414</b> | <b>3566.203</b> |
| #3 | <b>1531.798</b> | <b>3095.986</b> | <b>36329.90</b> | <b>7715.456</b> | <b>3571.752</b> |

Sample Name: CCV04      Acquired: 12/07/2019 16:35:25      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV15766      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.052611</b> | <b>4.965366</b> | <b>5.105464</b> | <b>5.376313</b> | <b>4.938312</b> | <b>10.42127</b> | <b>10.10328</b> |
| Stddev | .006348         | .017838         | .002295         | .014408         | .009606         | .03856          | .04289          |
| %RSD   | .1256406        | .3592456        | .0449559        | .2679817        | .1945115        | .3700543        | .4245201        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.058517 | 4.984246 | 5.105804 | 5.386444 | 4.939322 | 10.37674 | 10.06284 |
| #2 | 5.045898 | 4.948795 | 5.103018 | 5.359820 | 4.947372 | 10.44320 | 10.09874 |
| #3 | 5.053420 | 4.963056 | 5.107570 | 5.382677 | 4.928241 | 10.44386 | 10.14826 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2538242</b> | <b>2.597887</b> | <b>24.85916</b> | <b>.9996405</b> | <b>2.553204</b> | <b>1.251567</b> | <b>4.929562</b> |
| Stddev | .0019779        | .003383         | .14426          | .0014499        | .000576         | .001731         | .029378         |
| %RSD   | .7792396        | .1302317        | .5803085        | .1450453        | .0225528        | .1383062        | .5959456        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2559684 | 2.598653 | 24.75139 | 1.001052 | 2.553824 | 1.249631 | 4.901261 |
| #2 | .2520710 | 2.594186 | 24.80305 | .998155  | 2.552686 | 1.252107 | 4.927516 |
| #3 | .2534332 | 2.600821 | 25.02305 | .999715  | 2.553102 | 1.252964 | 4.959909 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.465879</b> | <b>24.33178</b> | <b>2.436004</b> | <b>1.228978</b> | <b>24.31373</b> | <b>2.460637</b> | <b>2.554828</b> |
| Stddev | .011793         | .12281          | .003908         | .005763         | .46671          | .017896         | .004807         |
| %RSD   | .4782481        | .5047487        | .1604135        | .4688905        | 1.919514        | .7272744        | .1881354        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.455146 | 24.19011 | 2.438352 | 1.235259 | 23.79390 | 2.445035 | 2.549280 |
| #2 | 2.463986 | 24.40804 | 2.438168 | 1.227741 | 24.69670 | 2.456705 | 2.557481 |
| #3 | 2.478503 | 24.39720 | 2.431493 | 1.223935 | 24.45059 | 2.480172 | 2.557724 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>25.01759</b> | <b>4.941101</b> | <b>4.998514</b> | <b>5.093852</b> | <b>5.254597</b> | <b>4.758468</b> | <b>5.070189</b> |
| Stddev | .10146          | .014928         | .060998         | .005433         | .012165         | .050096         | .001911         |
| %RSD   | .4055656        | .3021197        | 1.220324        | .1066545        | .2315210        | 1.052778        | .0376949        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.94815 | 4.951503 | 5.055514 | 5.094658 | 5.267711 | 4.810452 | 5.067987 |
| #2 | 24.97060 | 4.947804 | 4.934181 | 5.098837 | 5.243679 | 4.710502 | 5.071169 |
| #3 | 25.13403 | 4.923996 | 5.005849 | 5.088061 | 5.252402 | 4.754448 | 5.071412 |

Sample Name: CCV04      Acquired: 12/07/2019 16:35:25      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCV15766      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.161040</b> | <b>5.042842</b> | <b>5.315876</b> |
| Stddev | .014462         | .008635         | .036853         |
| %RSD   | .2802132        | .1712361        | .6932661        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.168123</b> | <b>5.034246</b> | <b>5.283667</b> |
| #2 | <b>5.170595</b> | <b>5.042764</b> | <b>5.356065</b> |
| #3 | <b>5.144402</b> | <b>5.051516</b> | <b>5.307897</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1525.137</b> | <b>3043.545</b> | <b>36458.18</b> | <b>7668.923</b> | <b>3468.578</b> |
| Stddev    | 7.786           | 3.854           | 246.32          | 26.073          | 2.094           |
| %RSD      | .5105036        | .1266408        | .6756255        | .3399796        | .0603754        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1527.414 | 3044.220 | 36513.95 | 7641.215 | 3469.772 |
| #2 | 1516.466 | 3039.398 | 36188.75 | 7672.581 | 3466.160 |
| #3 | 1531.530 | 3047.017 | 36671.83 | 7692.974 | 3469.802 |

Sample Name: CCB04      Acquired: 12/07/2019 16:39:04      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB15766      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018985 | -.000494 | .0000194 | .0022540 | -.001435 | .0014132 | -.001834 |
| Stddev | .0028932 | .002077  | .0007459 | .0013602 | .000096  | .0040747 | .000441  |
| %RSD   | 152.3961 | 420.7538 | 3837.655 | 60.34796 | 6.670418 | 288.3307 | 24.02001 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014554 | .001080  | .0008213 | .0007571 | -.001427 | .0044476 | -.002327 |
| #2 | -.000748 | .000287  | -.000109 | .0034144 | -.001534 | .0030101 | -.001698 |
| #3 | .004988  | -.002847 | -.000654 | .0025905 | -.001343 | -.003218 | -.001478 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000086 | -.000002 | .0134200 | .0000220 | -.000196 | .0047381 | -.001496 |
| Stddev | .000058  | .000027  | .0033181 | .0002215 | .000069  | .0029588 | .013370  |
| %RSD   | 68.11312 | 1110.092 | 24.72487 | 1006.198 | 35.10873 | 62.44649 | 893.4192 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000024 | .000020  | .0153876 | -.000062 | -.000239 | .0070760 | .003949  |
| #2 | -.000141 | .000004  | .0095891 | .000273  | -.000231 | .0057267 | -.016730 |
| #3 | -.000092 | -.000032 | .0152832 | -.000145 | -.000116 | .0014116 | .008291  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002602 | .0283100 | -.000025 | .0004746 | -.230036 | -.000983 | -.000725 |
| Stddev | .0004417 | .0117943 | .000390  | .0003166 | .280574  | .003628  | .000311  |
| %RSD   | 169.7332 | 41.66131 | 1563.442 | 66.70210 | 121.9697 | 369.0693 | 42.84628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000155 | .0314422 | -.000475 | .0001263 | -.443895 | .003131  | -.000750 |
| #2 | .000724  | .0382220 | .000176  | .0007448 | .087655  | -.003724 | -.001022 |
| #3 | .000211  | .0152657 | .000224  | .0005526 | -.333869 | -.002356 | -.000402 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0784447 | -.000569 | .0078135 | .0009168 | -.005675 | -.013834 | -.000787 |
| Stddev | .0461412 | .002911  | .0010094 | .0001726 | .003734  | .001532  | .000298  |
| %RSD   | 58.82013 | 511.9088 | 12.91849 | 18.82831 | 65.78785 | 11.07235 | 37.81053 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1205834 | .002715  | .0077171 | .0011136 | -.007992 | -.012088 | -.001082 |
| #2 | .0291395 | -.001588 | .0088676 | .0007910 | -.001368 | -.014466 | -.000793 |
| #3 | .0856110 | -.002833 | .0068558 | .0008459 | -.007666 | -.014949 | -.000487 |

Sample Name: CCB04      Acquired: 12/07/2019 16:39:04      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: CCB15766      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000128</b> | <b>-.000410</b> | <b>.0000582</b> |
| Stddev | .000338         | .000710         | .0000934        |
| %RSD   | 263.6433        | 173.1779        | 160.5881        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | .000049         | .000341         | .0001201        |
| #2 | <b>-.000517</b> | <b>-.000501</b> | <b>.0001036</b> |
| #3 | .000085         | <b>-.001069</b> | <b>-.000049</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1553.670</b> | <b>3089.641</b> | <b>36755.88</b> | <b>7676.903</b> | <b>3552.426</b> |
| Stddev    | 16.960          | 4.495           | 272.44          | 44.661          | 8.188           |
| %RSD      | 1.091628        | .1454916        | .7412133        | .5817543        | .2304986        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1535.521 | 3084.542 | 36445.55 | 7676.837 | 3545.521 |
| #2 | 1556.370 | 3093.033 | 36866.37 | 7632.275 | 3550.285 |
| #3 | 1569.118 | 3091.347 | 36955.71 | 7721.596 | 3561.472 |

Sample Name: K6113-05MS      Acquired: 12/07/2019 16:42:58      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519 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>-.006588</b> | <b>.0441520</b> | <b>.0044131</b> | <b>-.000153</b> | <b>.1371418</b> | <b>.1035151</b> |
| Stddev | .004534         | .002554         | .0020535        | .0014011        | .001515         | .0085902        | .0017360        |
| %RSD   | 216.0292        | 38.77540        | 4.650935        | 31.74946        | 991.3428        | 6.263722        | 1.677085        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.007208</b> | <b>-.008796</b> | <b>.0463553</b> | <b>.0055940</b> | <b>.000499</b>  | <b>.1296623</b> | <b>.1015147</b> |
| #2 | <b>-.000533</b> | <b>-.007178</b> | <b>.0438095</b> | <b>.0047805</b> | <b>-.001885</b> | <b>.1465237</b> | <b>.1044035</b> |
| #3 | <b>.001444</b>  | <b>-.003790</b> | <b>.0422914</b> | <b>.0028649</b> | <b>.000928</b>  | <b>.1352395</b> | <b>.1046272</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000111</b> | <b>.0000398</b> | <b>13.51971</b> | <b>.0017726</b> | <b>.0020795</b> | <b>.0048649</b> | <b>.1377970</b> |
| Stddev | .000038         | .0001679        | .07490          | .0004322        | .0000983        | .0009034        | .0067649        |
| %RSD   | 34.27976        | 421.8141        | .5539850        | 24.38263        | 4.726414        | 18.56976        | 4.909330        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000068</b> | <b>.0001790</b> | <b>13.43324</b> | <b>.0013317</b> | <b>.0019666</b> | <b>.0055451</b> | <b>.1425307</b> |
| #2 | <b>-.000139</b> | <b>-.000147</b> | <b>13.56429</b> | <b>.0017906</b> | <b>.0021461</b> | <b>.0052099</b> | <b>.1408114</b> |
| #3 | <b>-.000126</b> | <b>.000087</b>  | <b>13.56160</b> | <b>.0021955</b> | <b>.0021259</b> | <b>.0038399</b> | <b>.1300489</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3206205</b> | <b>1.475661</b> | <b>.0026267</b> | <b>.0004856</b> | <b>282.1479</b> | <b>-.000008</b> | <b>.0326927</b> |
| Stddev | .0025156        | .006193         | .0000655        | .0004608        | 2.4301          | .000821         | .0003066        |
| %RSD   | .7845912        | .4196509        | 2.495464        | 94.89487        | .8612926        | 10929.55        | .9379241        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3180123</b> | <b>1.473310</b> | <b>.0027017</b> | <b>-.000040</b> | <b>279.8569</b> | <b>-.000282</b> | <b>.0329037</b> |
| #2 | <b>.3230318</b> | <b>1.482685</b> | <b>.0025802</b> | <b>.000820</b>  | <b>281.8901</b> | <b>-.000656</b> | <b>.0323409</b> |
| #3 | <b>.3208175</b> | <b>1.470988</b> | <b>.0025982</b> | <b>.000677</b>  | <b>284.6966</b> | <b>.000916</b>  | <b>.0328334</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.019248</b> | <b>.0032598</b> | <b>.0110732</b> | <b>.0005509</b> | <b>.1854725</b> | <b>.4214115</b> | <b>.0597125</b> |
| Stddev | .025094         | .0028434        | .0004024        | .0002000        | .0011060        | .0020113        | .0018493        |
| %RSD   | 130.3713        | 87.22612        | 3.633771        | 36.29555        | .5963028        | .4772656        | 3.097077        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.008432</b>  | <b>.0004945</b> | <b>.0106848</b> | <b>.0003467</b> | <b>.1845735</b> | <b>.4218202</b> | <b>.0609543</b> |
| #2 | <b>-.040508</b> | <b>.0061753</b> | <b>.0114882</b> | <b>.0005598</b> | <b>.1851366</b> | <b>.4192273</b> | <b>.0575871</b> |
| #3 | <b>-.025668</b> | <b>.0031094</b> | <b>.0110465</b> | <b>.0007463</b> | <b>.1867075</b> | <b>.4231870</b> | <b>.0605962</b> |

Sample Name: K6113-05MS      Acquired: 12/07/2019 16:42:58      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0009487</b> | <b>.0043815</b> | <b>.0453972</b> |
| Stddev | .0010769        | .0008426        | .0000875        |
| %RSD   | 113.5134        | 19.23046        | .1927700        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0009426</b> | <b>.0038968</b> | <b>.0453315</b> |
| #2 | <b>.0020287</b> | <b>.0038933</b> | <b>.0453636</b> |
| #3 | <b>-.000125</b> | <b>.0053544</b> | <b>.0454966</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1466.422</b> | <b>2957.018</b> | <b>34981.20</b> | <b>7564.959</b> | <b>3350.768</b> |
| Stddev    | 2.616           | 9.121           | 239.25          | 43.715          | 3.726           |
| %RSD      | .1784081        | .3084622        | .6839326        | .5778567        | .1111998        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1467.991 | 2946.541 | 34707.64 | 7536.759 | 3346.562 |
| #2 | 1463.401 | 2963.185 | 35084.62 | 7615.315 | 3353.656 |
| #3 | 1467.873 | 2961.329 | 35151.35 | 7542.802 | 3352.087 |



Sample Name: K6113-05MSD      Acquired: 12/07/2019 16:46:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001365</b> | <b>-.005202</b> | <b>.0447661</b> | <b>.0049287</b> | <b>.0001253</b> | <b>.1362247</b> | <b>.1045587</b> |
| Stddev | .001352         | .003188         | .0012529        | .0044797        | .0002506        | .0056897        | .0022227        |
| %RSD   | 99.03751        | 61.28110        | 2.798657        | 90.88975        | 200.0254        | 4.176692        | 2.125741        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002513</b> | <b>-.008482</b> | <b>.0434381</b> | <b>.0037326</b> | <b>.0004143</b> | <b>.1296900</b> | <b>.1025950</b> |
| #2 | <b>.000125</b>  | <b>-.002115</b> | <b>.0459270</b> | <b>.0011685</b> | <b>-.000032</b> | <b>.1400796</b> | <b>.1069717</b> |
| #3 | <b>-.001707</b> | <b>-.005010</b> | <b>.0449331</b> | <b>.0098851</b> | <b>-.000006</b> | <b>.1389046</b> | <b>.1041096</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000202</b> | <b>.0000366</b> | <b>13.69678</b> | <b>.0016039</b> | <b>.0021709</b> | <b>.0062123</b> | <b>.1432601</b> |
| Stddev | .000074         | .0000899        | .26830          | .0003290        | .0003436        | .0009410        | .0058847        |
| %RSD   | 36.68897        | 245.9019        | 1.958874        | 20.50903        | 15.83001        | 15.14724        | 4.107679        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000138</b> | <b>.0000813</b> | <b>13.40983</b> | <b>.0019837</b> | <b>.0017781</b> | <b>.0071603</b> | <b>.1378626</b> |
| #2 | <b>-.000185</b> | <b>.0000952</b> | <b>13.94141</b> | <b>.0014178</b> | <b>.0023186</b> | <b>.0061980</b> | <b>.1495337</b> |
| #3 | <b>-.000284</b> | <b>-.000067</b> | <b>13.73909</b> | <b>.0014102</b> | <b>.0024160</b> | <b>.0052785</b> | <b>.1423841</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3248182</b> | <b>1.513001</b> | <b>.0032362</b> | <b>.0002381</b> | <b>286.8084</b> | <b>.0013977</b> | <b>.0331176</b> |
| Stddev | .0084284        | .040741         | .0003259        | .0001372        | 6.1119          | .0036134        | .0005083        |
| %RSD   | 2.594800        | 2.692708        | 10.06950        | 57.62024        | 2.131022        | 258.5353        | 1.534991        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3158361</b> | <b>1.471321</b> | <b>.0032102</b> | <b>.0002405</b> | <b>281.9522</b> | <b>.0025486</b> | <b>.0326907</b> |
| #2 | <b>.3325541</b> | <b>1.552732</b> | <b>.0035743</b> | <b>.0000998</b> | <b>293.6714</b> | <b>.0042954</b> | <b>.0336800</b> |
| #3 | <b>.3260644</b> | <b>1.514951</b> | <b>.0029241</b> | <b>.0003742</b> | <b>284.8015</b> | <b>-.002651</b> | <b>.0329822</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0292314</b> | <b>.0050967</b> | <b>.0093606</b> | <b>.0003158</b> | <b>.1830225</b> | <b>.4275156</b> | <b>.0452265</b> |
| Stddev | .0131238        | .0043016        | .0003312        | .0003532        | .0071922        | .0048225        | .0007967        |
| %RSD   | 44.89618        | 84.40114        | 3.538714        | 111.8327        | 3.929710        | 1.128024        | 1.761667        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0160997</b> | <b>.0005182</b> | <b>.0092162</b> | <b>.0006480</b> | <b>.1909776</b> | <b>.4221029</b> | <b>.0451196</b> |
| #2 | <b>.0292473</b> | <b>.0057178</b> | <b>.0091261</b> | <b>.0003547</b> | <b>.1811106</b> | <b>.4290889</b> | <b>.0444887</b> |
| #3 | <b>.0423473</b> | <b>.0090540</b> | <b>.0097395</b> | <b>-.000055</b> | <b>.1769795</b> | <b>.4313549</b> | <b>.0460713</b> |

Sample Name: K6113-05MSD      Acquired: 12/07/2019 16:46:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: OR-03-120519      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0003887</b> | <b>.0115749</b> | <b>.0454575</b> |
| Stddev | .0013073        | .0022693        | .0006910        |
| %RSD   | 336.3596        | 19.60515        | 1.520135        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0017272</b> | <b>.0103197</b> | <b>.0447288</b> |
| #2 | <b>.0003240</b> | <b>.0141945</b> | <b>.0461033</b> |
| #3 | <b>-.000885</b> | <b>.0102106</b> | <b>.0455406</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1461.422</b> | <b>2962.471</b> | <b>35090.64</b> | <b>7600.417</b> | <b>3361.821</b> |
| Stddev    | 11.304          | 5.530           | 71.95           | 54.604          | 3.119           |
| %RSD      | .7734771        | .1866635        | .2050321        | .7184297        | .0927744        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1474.412 | 2956.103 | 35165.12 | 7624.809 | 3358.277 |
| #2 | 1453.817 | 2966.062 | 35021.52 | 7537.869 | 3363.040 |
| #3 | 1456.039 | 2965.249 | 35085.28 | 7638.573 | 3364.147 |

Sample Name: K6113-05A      Acquired: 12/07/2019 16:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004788</b> | <b>-.009186</b> | <b>.0440209</b> | <b>.0060720</b> | <b>-.001987</b> | <b>.1334479</b> | <b>.1044844</b> |
| Stddev | .000186         | .001628         | .0019095        | .0030855        | .000403         | .0093093        | .0003999        |
| %RSD   | 3.877206        | 17.72550        | 4.337796        | 50.81442        | 20.26707        | 6.975959        | .3827331        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004784</b> | <b>-.008574</b> | <b>.0419234</b> | <b>.0078336</b> | <b>-.002209</b> | <b>.1298415</b> | <b>.1041721</b> |
| #2 | <b>-.004976</b> | <b>-.007952</b> | <b>.0444806</b> | <b>.0025093</b> | <b>-.001522</b> | <b>.1440208</b> | <b>.1043459</b> |
| #3 | <b>-.004605</b> | <b>-.011031</b> | <b>.0456585</b> | <b>.0078732</b> | <b>-.002229</b> | <b>.1264814</b> | <b>.1049351</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000162</b> | <b>.0000272</b> | <b>13.67705</b> | <b>.0011429</b> | <b>.0019365</b> | <b>.0048107</b> | <b>.1388890</b> |
| Stddev | .000054         | .0000504        | .13406          | .0002857        | .0001876        | .0025945        | .0055346        |
| %RSD   | 33.49888        | 185.4530        | .9801771        | 24.99483        | 9.688973        | 53.93145        | 3.984932        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000222</b> | <b>-.000024</b> | <b>13.53656</b> | <b>.0014500</b> | <b>.0017725</b> | <b>.0028586</b> | <b>.1450167</b> |
| #2 | <b>-.000147</b> | <b>.000077</b>  | <b>13.69101</b> | <b>.0010937</b> | <b>.0021411</b> | <b>.0077548</b> | <b>.1373968</b> |
| #3 | <b>-.000117</b> | <b>.000028</b>  | <b>13.80358</b> | <b>.0008850</b> | <b>.0018958</b> | <b>.0038187</b> | <b>.1342535</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.3265748</b> | <b>1.510537</b> | <b>.0029580</b> | <b>.0003450</b> | <b>287.3744</b> | <b>.0010837</b> | <b>.0324104</b> |
| Stddev | .0026908        | .058962         | .0002810        | .0001358        | 1.6458          | .0016468        | .0008517        |
| %RSD   | .8239377        | 3.903370        | 9.500998        | 39.36094        | .5727011        | 151.9597        | 2.627884        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.3252609</b> | <b>1.529277</b> | <b>.0032296</b> | <b>.0002454</b> | <b>285.9431</b> | <b>.0018122</b> | <b>.0333885</b> |
| #2 | <b>.3247935</b> | <b>1.444483</b> | <b>.0026684</b> | <b>.0004997</b> | <b>287.0074</b> | <b>.0022406</b> | <b>.0318330</b> |
| #3 | <b>.3296701</b> | <b>1.557852</b> | <b>.0029760</b> | <b>.0002899</b> | <b>289.1727</b> | <b>-.000802</b> | <b>.0320096</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0702690</b> | <b>.0050670</b> | <b>.0077925</b> | <b>.0002650</b> | <b>.1845734</b> | <b>.4287692</b> | <b>.0605026</b> |
| Stddev | .0400874        | .0013241        | .0009361        | .0001693        | .0038776        | .0049229        | .0009158        |
| %RSD   | 57.04845        | 26.13248        | 12.01320        | 63.87914        | 2.100827        | 1.148138        | 1.513648        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0421274</b> | <b>.0036853</b> | <b>.0067154</b> | <b>.0002800</b> | <b>.1863384</b> | <b>.4231869</b> | <b>.0615534</b> |
| #2 | <b>.0525115</b> | <b>.0063248</b> | <b>.0084100</b> | <b>.0000887</b> | <b>.1872545</b> | <b>.4306317</b> | <b>.0600798</b> |
| #3 | <b>.1161680</b> | <b>.0051908</b> | <b>.0082521</b> | <b>.0004263</b> | <b>.1801273</b> | <b>.4324891</b> | <b>.0598746</b> |

Sample Name: K6113-05A      Acquired: 12/07/2019 16:50:42      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0010858 | .0104187 | .0452891 |
| Stddev | .0014528 | .0004667 | .0000821 |
| %RSD   | 133.7951 | 4.479149 | .1813260 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0027119 | .0102307 | .0451945 |
| #2 | -.000084 | .0109500 | .0453427 |
| #3 | .000630  | .0100752 | .0453300 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1431.116 | 2957.688 | 34295.36 | 7535.026 | 3354.513 |
| Stddev    | 26.697   | 13.968   | 655.43   | 36.310   | 14.552   |
| %RSD      | 1.865489 | .4722666 | 1.911137 | .4818791 | .4338097 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1400.842 | 2944.546 | 33542.53 | 7567.514 | 3340.094 |
| #2 | 1451.288 | 2956.162 | 34604.43 | 7541.732 | 3354.252 |
| #3 | 1441.218 | 2972.357 | 34739.10 | 7495.830 | 3369.195 |

Sample Name: K6147-12      Acquired: 12/07/2019 16:54:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC001      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005417</b> | <b>-.004849</b> | <b>.3475150</b> | <b>.0070069</b> | <b>.0043597</b> | <b>.2711862</b> | <b>.1446404</b> |
| Stddev | .001827         | .002795         | .0015050        | .0018918        | .0014743        | .0010759        | .0009269        |
| %RSD   | 33.71877        | 57.65109        | .4330712        | 26.99927        | 33.81718        | .3967430        | .6408675        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.003336</b> | <b>-.006155</b> | <b>.3469216</b> | <b>.0082022</b> | <b>.0026595</b> | <b>.2721204</b> | <b>.1436549</b> |
| #2 | <b>-.006159</b> | <b>-.006752</b> | <b>.3492263</b> | <b>.0079928</b> | <b>.0052841</b> | <b>.2700099</b> | <b>.1447715</b> |
| #3 | <b>-.006756</b> | <b>-.001639</b> | <b>.3463973</b> | <b>.0048258</b> | <b>.0051357</b> | <b>.2714283</b> | <b>.1454949</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000235</b> | <b>.0008519</b> | <b>10.67151</b> | <b>.0020487</b> | <b>-.000524</b> | <b>.0205994</b> | <b>.2218804</b> |
| Stddev | .000106         | .0000784        | .06338          | .0002168        | .000151         | .0012780        | .0049194        |
| %RSD   | 45.04553        | 9.197471        | .5939190        | 10.58256        | 28.75268        | 6.204193        | 2.217137        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000348</b> | <b>.0008589</b> | <b>10.59931</b> | <b>.0022880</b> | <b>-.000583</b> | <b>.0205749</b> | <b>.2222408</b> |
| #2 | <b>-.000221</b> | <b>.0007703</b> | <b>10.71793</b> | <b>.0019928</b> | <b>-.000353</b> | <b>.0218895</b> | <b>.2266096</b> |
| #3 | <b>-.000138</b> | <b>.0009266</b> | <b>10.69730</b> | <b>.0018654</b> | <b>-.000637</b> | <b>.0193338</b> | <b>.2167907</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0602850</b> | <b>2.886293</b> | <b>.0011955</b> | <b>.0001580</b> | <b>282.6520</b> | <b>.0008279</b> | <b>.1329002</b> |
| Stddev | .0005291        | .035132         | .0000842        | .0003786        | 2.6855          | .0025063        | .0008832        |
| %RSD   | .8776997        | 1.217215        | 7.046217        | 239.5256        | .9501101        | 302.7463        | .6645818        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0600203</b> | <b>2.847360</b> | <b>.0012402</b> | <b>.0005952</b> | <b>279.7981</b> | <b>.0024880</b> | <b>.1329311</b> |
| #2 | <b>.0599405</b> | <b>2.915631</b> | <b>.0010983</b> | <b>-.000059</b> | <b>285.1293</b> | <b>-.002055</b> | <b>.1337676</b> |
| #3 | <b>.0608943</b> | <b>2.895888</b> | <b>.0012479</b> | <b>-.000062</b> | <b>283.0285</b> | <b>.002051</b>  | <b>.1320019</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0057510</b> | <b>.1297295</b> | <b>.0189880</b> | <b>.0003255</b> | <b>.2687410</b> | <b>.7772821</b> | <b>.0033983</b> |
| Stddev | .1292697        | .0023103        | .0005291        | .0002010        | .0007194        | .0073774        | .0007284        |
| %RSD   | 2247.768        | 1.780833        | 2.786573        | 61.76225        | .2677046        | .9491340        | 21.43430        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.143475</b> | <b>.1284951</b> | <b>.0195936</b> | <b>.0005521</b> | <b>.2687783</b> | <b>.7857902</b> | <b>.0033206</b> |
| #2 | <b>.077324</b>  | <b>.1323948</b> | <b>.0186147</b> | <b>.0001686</b> | <b>.2694411</b> | <b>.7726593</b> | <b>.0027118</b> |
| #3 | <b>.083405</b>  | <b>.1282987</b> | <b>.0187560</b> | <b>.0002557</b> | <b>.2680037</b> | <b>.7733967</b> | <b>.0041624</b> |

Sample Name: K6147-12      Acquired: 12/07/2019 16:54:33      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC001      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0077986</b> | <b>.0124438</b> | <b>.0315974</b> |
| Stddev | .0016099        | .0012780        | .0000170        |
| %RSD   | 20.64362        | 10.27028        | .0538638        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0092070</b> | <b>.0135224</b> | <b>.0315801</b> |
| #2 | <b>.0081452</b> | <b>.0127768</b> | <b>.0316141</b> |
| #3 | <b>.0060436</b> | <b>.0110323</b> | <b>.0315979</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1470.317</b> | <b>2982.196</b> | <b>35304.46</b> | <b>7661.248</b> | <b>3389.653</b> |
| Stddev    | 8.849           | 3.017           | 149.14          | 66.301          | 5.354           |
| %RSD      | .6018155        | .1011760        | .4224529        | .8654110        | .1579426        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1478.342 | 2979.705 | 35387.16 | 7585.765 | 3388.111 |
| #2 | 1460.828 | 2981.332 | 35132.28 | 7687.916 | 3385.239 |
| #3 | 1471.782 | 2985.551 | 35393.93 | 7710.063 | 3395.608 |

Sample Name: K6147-13      Acquired: 12/07/2019 16:58:24      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001149</b> | <b>-.006760</b> | <b>2.721716</b> | <b>.0039683</b> | <b>.0274586</b> | <b>.1575456</b> | <b>.0536666</b> |
| Stddev | .000750         | .000249         | .006746         | .0012173        | .0006446        | .0155999        | .0005923        |
| %RSD   | 65.31510        | 3.678473        | .2478720        | 30.67668        | 2.347389        | 9.901798        | 1.103576        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000292</b> | <b>-.006636</b> | <b>2.713929</b> | <b>.0027362</b> | <b>.0274700</b> | <b>.1638972</b> | <b>.0531430</b> |
| #2 | <b>-.001690</b> | <b>-.006597</b> | <b>2.725805</b> | <b>.0039983</b> | <b>.0268084</b> | <b>.1689677</b> | <b>.0535476</b> |
| #3 | <b>-.001463</b> | <b>-.007046</b> | <b>2.725413</b> | <b>.0051704</b> | <b>.0280974</b> | <b>.1397719</b> | <b>.0543094</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000247</b> | <b>.0008678</b> | <b>37.64917</b> | <b>.0015502</b> | <b>-.001004</b> | <b>.0234540</b> | <b>.0471108</b> |
| Stddev | .000034         | .0000536        | .23789          | .0003311        | .000067         | .0039755        | .0058934        |
| %RSD   | 13.71247        | 6.173671        | .6318537        | 21.35842        | 6.702570        | 16.95026        | 12.50968        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000236</b> | <b>.0008230</b> | <b>37.40404</b> | <b>.0011753</b> | <b>-.000942</b> | <b>.0190202</b> | <b>.0538238</b> |
| #2 | <b>-.000286</b> | <b>.0009272</b> | <b>37.66439</b> | <b>.0016727</b> | <b>-.001075</b> | <b>.0246411</b> | <b>.0447211</b> |
| #3 | <b>-.000221</b> | <b>.0008533</b> | <b>37.87908</b> | <b>.0018025</b> | <b>-.000995</b> | <b>.0267007</b> | <b>.0427876</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0355848</b> | <b>1.281159</b> | <b>.0020392</b> | <b>.0004073</b> | <b>245.8802</b> | <b>-.000678</b> | <b>.0763704</b> |
| Stddev | .0001286        | .004051         | .0007707        | .0000813        | 1.0622          | .001306         | .0004653        |
| %RSD   | .3612519        | .3161696        | 37.79388        | 19.95661        | .4320139        | 192.7293        | .6093070        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0355985</b> | <b>1.276825</b> | <b>.0029231</b> | <b>.0004924</b> | <b>244.7217</b> | <b>-.001043</b> | <b>.0768124</b> |
| #2 | <b>.0354500</b> | <b>1.281801</b> | <b>.0016870</b> | <b>.0003989</b> | <b>246.1108</b> | <b>.000772</b>  | <b>.0758848</b> |
| #3 | <b>.0357060</b> | <b>1.284850</b> | <b>.0015076</b> | <b>.0003305</b> | <b>246.8083</b> | <b>-.001762</b> | <b>.0764141</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0372250</b> | <b>.2009294</b> | <b>.0050839</b> | <b>.0004039</b> | <b>.7200194</b> | <b>.4158863</b> | <b>-.005290</b> |
| Stddev | .0517470        | .0010637        | .0003553        | .0004411        | .0062010        | .0024393        | .001814         |
| %RSD   | 139.0114        | .5294106        | 6.988970        | 109.2259        | .8612321        | .5865399        | 34.28829        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0371319</b> | <b>.2001481</b> | <b>.0047572</b> | <b>.0008289</b> | <b>.7150318</b> | <b>.4131851</b> | <b>-.004579</b> |
| #2 | <b>-.014475</b> | <b>.2021409</b> | <b>.0054622</b> | <b>-.000052</b> | <b>.7269625</b> | <b>.4179283</b> | <b>-.007352</b> |
| #3 | <b>.089019</b>  | <b>.2004992</b> | <b>.0050322</b> | <b>.000434</b>  | <b>.7180640</b> | <b>.4165456</b> | <b>-.003939</b> |

Sample Name: K6147-13      Acquired: 12/07/2019 16:58:24      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC002      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000033</b> | <b>.0084433</b> | <b>.1777156</b> |
| Stddev | .000477         | .0019781        | .0005893        |
| %RSD   | 1429.405        | 23.42804        | .3315883        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000358  | .0063234 | .1770908 |
| #2 | -.000565 | .0087668 | .1782614 |
| #3 | .000106  | .0102397 | .1777945 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1460.646</b> | <b>2971.487</b> | <b>35132.12</b> | <b>7679.714</b> | <b>3384.553</b> |
| Stddev    | 14.893          | 7.710           | 311.35          | 23.287          | 5.770           |
| %RSD      | 1.019599        | .2594643        | .8862304        | .3032312        | .1704875        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1458.283 | 2962.837 | 35073.47 | 7678.306 | 3380.015 |
| #2 | 1476.578 | 2973.990 | 35468.62 | 7657.163 | 3382.597 |
| #3 | 1447.075 | 2977.635 | 34854.26 | 7703.674 | 3391.047 |



Sample Name: K6147-14      Acquired: 12/07/2019 17:02:14      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009258 | -.005800 | 5.665569 | .0081535 | .0276549 | .1294481 | .0705079 |
| Stddev | .0003812 | .001354  | .017877  | .0032130 | .0009985 | .0245280 | .0007651 |
| %RSD   | 41.17952 | 23.35000 | .3155310 | 39.40585 | 3.610426 | 18.94813 | 1.085066 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010635 | -.007325 | 5.647046 | .0098203 | .0265490 | .1013658 | .0696397 |
| #2 | .0012190 | -.004736 | 5.682720 | .0044497 | .0284901 | .1466766 | .0710833 |
| #3 | .0004948 | -.005341 | 5.666942 | .0101906 | .0279255 | .1403020 | .0708007 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000164 | .0022326 | 40.43153 | .0026699 | -.000758 | .0694609 | .0322483 |
| Stddev | .000116  | .0001194 | .32906   | .0003830 | .000048  | .0005004 | .0051148 |
| %RSD   | 70.47626 | 5.345557 | .8138732 | 14.34447 | 6.292721 | .7203419 | 15.86067 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000194 | .0020948 | 40.07566 | .0023036 | -.000791 | .0700337 | .0321950 |
| #2 | -.000036 | .0023036 | 40.49416 | .0030676 | -.000781 | .0691093 | .0271603 |
| #3 | -.000262 | .0022995 | 40.72478 | .0026385 | -.000704 | .0692395 | .0373895 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0693728 | 1.903671 | .0036809 | .0007406 | 277.3838 | -.002002 | .1301340 |
| Stddev | .0008781 | .028164  | .0004215 | .0001788 | 1.9782   | .003278  | .0011659 |
| %RSD   | 1.265767 | 1.479439 | 11.44953 | 24.14173 | .7131780 | 163.7518 | .8959324 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0684447 | 1.871198 | .0041215 | .0007780 | 276.0088 | -.004240 | .1287880 |
| #2 | .0694830 | 1.921422 | .0032816 | .0008977 | 276.4916 | .001761  | .1308286 |
| #3 | .0701905 | 1.918394 | .0036396 | .0005460 | 279.6510 | -.003525 | .1307854 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.064754 | .0374345 | .0063155 | .0003456 | 1.038234 | .9662388 | .0052546 |
| Stddev | .031429  | .0023729 | .0007698 | .0005111 | .007536  | .0103471 | .0018784 |
| %RSD   | 48.53634 | 6.338664 | 12.18862 | 147.9049 | .7258942 | 1.070863 | 35.74850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.100932 | .0399045 | .0054395 | .0008120 | 1.034725 | .9594365 | .0039494 |
| #2 | -.044176 | .0351725 | .0066234 | .0004254 | 1.046886 | .9611336 | .0044069 |
| #3 | -.049155 | .0372265 | .0068838 | -.000201 | 1.033092 | .9781464 | .0074075 |

Sample Name: K6147-14      Acquired: 12/07/2019 17:02:14      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC003      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000836</b> | <b>.0097017</b> | <b>.2008256</b> |
| Stddev | .001370         | .0013093        | .0021448        |
| %RSD   | 163.8995        | 13.49507        | 1.067968        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.002303</b> | <b>.0082243</b> | <b>.1984843</b> |
| #2 | <b>.000411</b>  | <b>.0101625</b> | <b>.2026953</b> |
| #3 | <b>-.000615</b> | <b>.0107182</b> | <b>.2012972</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1466.054</b> | <b>2968.078</b> | <b>35142.80</b> | <b>7692.050</b> | <b>3366.641</b> |
| Stddev    | 8.955           | 6.254           | 204.05          | 36.726          | 4.475           |
| %RSD      | .6108248        | .2107170        | .5806186        | .4774525        | .1329265        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1462.918</b> | <b>2960.856</b> | <b>34972.75</b> | <b>7704.922</b> | <b>3361.698</b> |
| #2 | <b>1459.089</b> | <b>2971.660</b> | <b>35086.60</b> | <b>7720.608</b> | <b>3367.806</b> |
| #3 | <b>1476.156</b> | <b>2971.717</b> | <b>35369.06</b> | <b>7650.621</b> | <b>3370.418</b> |

Sample Name: K6147-15      Acquired: 12/07/2019 17:06:03      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075172 | -.006229 | 11.04257 | .0038943 | .0816708 | .1574050 | .0451942 |
| Stddev | .0028138 | .002184  | .01410   | .0024685 | .0007583 | .0112697 | .0007439 |
| %RSD   | 37.43157 | 35.05821 | .1276977 | 63.38736 | .9284414 | 7.159698 | 1.646060 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0085231 | -.004522 | 11.02629 | .0047597 | .0813645 | .1477294 | .0443360 |
| #2 | .0043387 | -.008689 | 11.05068 | .0011096 | .0825343 | .1547067 | .0456549 |
| #3 | .0096898 | -.005474 | 11.05074 | .0058137 | .0811136 | .1697790 | .0455918 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000101 | .0024007 | 5.927666 | .0035732 | -.000456 | .0372663 | .0969455 |
| Stddev | .000027  | .0000370 | .073156  | .0002519 | .000135  | .0033544 | .0080305 |
| %RSD   | 26.48031 | 1.540716 | 1.234146 | 7.049075 | 29.54016 | 9.001059 | 8.283515 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000074 | .0023800 | 5.844458 | .0034295 | -.000324 | .0367189 | .1059964 |
| #2 | -.000128 | .0023787 | 5.981885 | .0034260 | -.000594 | .0408607 | .0941664 |
| #3 | -.000102 | .0024434 | 5.956654 | .0038640 | -.000451 | .0342193 | .0906737 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0181815 | .7359235 | .0087017 | .0004039 | 323.5941 | -.000576 | .0966669 |
| Stddev | .0001735 | .0268713 | .0003377 | .0001172 | 2.1820   | .001826  | .0004597 |
| %RSD   | .9543182 | 3.651377 | 3.881239 | 29.02407 | .6743104 | 317.0036 | .4755656 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0180057 | .7051672 | .0088193 | .0003027 | 321.0832 | -.002113 | .0966848 |
| #2 | .0183526 | .7548522 | .0089649 | .0003767 | 325.0304 | -.001058 | .0971174 |
| #3 | .0181863 | .7477512 | .0083208 | .0005324 | 324.6687 | .001443  | .0961985 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.168576 | .0669275 | .0037896 | .0004168 | 1.073995 | .2055449 | .0697839 |
| Stddev | .044725  | .0010801 | .0014103 | .0001373 | .011193  | .0017031 | .0009780 |
| %RSD   | 26.53141 | 1.613860 | 37.21364 | 32.94414 | 1.042157 | .8285754 | 1.401413 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.219785 | .0681264 | .0021624 | .0005684 | 1.070269 | .2042013 | .0703781 |
| #2 | -.148763 | .0666260 | .0046574 | .0003810 | 1.065140 | .2074603 | .0703185 |
| #3 | -.137178 | .0660302 | .0045491 | .0003009 | 1.086575 | .2049730 | .0686552 |

Sample Name: K6147-15      Acquired: 12/07/2019 17:06:03      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0035730 | .0098152 | .0342255 |
| Stddev | .0012007 | .0027202 | .0003632 |
| %RSD   | 33.60591 | 27.71406 | 1.061235 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0029783 | .0067508 | .0338111 |
| #2 | .0049550 | .0119444 | .0343768 |
| #3 | .0027856 | .0107505 | .0344887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1479.049 | 2980.962 | 35406.15 | 7752.549 | 3382.767 |
| Stddev    | 7.191    | 5.079    | 185.20   | 8.685    | 2.414    |
| %RSD      | .4861815 | .1703716 | .5230693 | .1120287 | .0713757 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1484.814 | 2975.709 | 35475.82 | 7753.139 | 3382.148 |
| #2 | 1481.342 | 2981.330 | 35546.42 | 7760.924 | 3380.722 |
| #3 | 1470.992 | 2985.847 | 35196.22 | 7743.584 | 3385.431 |

Sample Name: K6147-16      Acquired: 12/07/2019 17:09:52      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC005      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.004387</b> | <b>-.006982</b> | <b>.1064962</b> | <b>.0042546</b> | <b>.0001204</b> | <b>.2269361</b> | <b>.1085907</b> |
| Stddev | .002600         | .002335         | .0019184        | .0013839        | .0016283        | .0071308        | .0006234        |
| %RSD   | 59.25828        | 33.44534        | 1.801415        | 32.52682        | 1352.703        | 3.142213        | .5740751        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002572</b> | <b>-.005997</b> | <b>.1062888</b> | <b>.0040974</b> | <b>-.001717</b> | <b>.2187504</b> | <b>.1078712</b> |
| #2 | <b>-.003224</b> | <b>-.005302</b> | <b>.1085099</b> | <b>.0057103</b> | <b>.000693</b>  | <b>.2302577</b> | <b>.1089317</b> |
| #3 | <b>-.007365</b> | <b>-.009649</b> | <b>.1046898</b> | <b>.0029560</b> | <b>.001385</b>  | <b>.2318001</b> | <b>.1089693</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000226</b> | <b>.0009415</b> | <b>11.66871</b> | <b>.0017009</b> | <b>-.000673</b> | <b>.0167273</b> | <b>.2167750</b> |
| Stddev | .000065         | .0000374        | .06431          | .0002668        | .000055         | .0012455        | .0085146        |
| %RSD   | 28.94001        | 3.975514        | .5511157        | 15.68725        | 8.163974        | 7.445996        | 3.927867        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000208</b> | <b>.0009805</b> | <b>11.63617</b> | <b>.0014166</b> | <b>-.000650</b> | <b>.0160509</b> | <b>.2266008</b> |
| #2 | <b>-.000298</b> | <b>.0009059</b> | <b>11.62718</b> | <b>.0019458</b> | <b>-.000633</b> | <b>.0159663</b> | <b>.2115640</b> |
| #3 | <b>-.000171</b> | <b>.0009379</b> | <b>11.74279</b> | <b>.0017403</b> | <b>-.000736</b> | <b>.0181646</b> | <b>.2121601</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0211608</b> | <b>1.527097</b> | <b>.0026885</b> | <b>.0003730</b> | <b>260.6184</b> | <b>-.000127</b> | <b>.1542028</b> |
| Stddev | .0002177        | .019563         | .0002161        | .0002495        | 1.9772          | .002130         | .0010305        |
| %RSD   | 1.028840        | 1.281045        | 8.038301        | 66.90237        | .7586435        | 1682.212        | .6682449        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0209221</b> | <b>1.511019</b> | <b>.0025491</b> | <b>.0003010</b> | <b>261.9089</b> | <b>.002331</b>  | <b>.1553926</b> |
| #2 | <b>.0213485</b> | <b>1.521396</b> | <b>.0025789</b> | <b>.0006506</b> | <b>258.3422</b> | <b>-.001257</b> | <b>.1536004</b> |
| #3 | <b>.0212117</b> | <b>1.548878</b> | <b>.0029374</b> | <b>.0001674</b> | <b>261.6042</b> | <b>-.001453</b> | <b>.1536154</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.148600</b> | <b>.2171839</b> | <b>.0052594</b> | <b>.0002613</b> | <b>.3751540</b> | <b>.6938593</b> | <b>-.003490</b> |
| Stddev | .063923         | .0041214        | .0009627        | .0004014        | .0023215        | .0092252        | .001327         |
| %RSD   | 43.01694        | 1.897646        | 18.30477        | 153.6125        | .6188212        | 1.329555        | 38.02413        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.203703</b> | <b>.2216410</b> | <b>.0059123</b> | <b>.0000637</b> | <b>.3746342</b> | <b>.7030023</b> | <b>-.004859</b> |
| #2 | <b>-.078517</b> | <b>.2164001</b> | <b>.0041538</b> | <b>-.000003</b> | <b>.3731364</b> | <b>.6845540</b> | <b>-.002210</b> |
| #3 | <b>-.163581</b> | <b>.2135108</b> | <b>.0057122</b> | <b>.000723</b>  | <b>.3776914</b> | <b>.6940216</b> | <b>-.003402</b> |

Sample Name: K6147-16      Acquired: 12/07/2019 17:09:52      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC005      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0067816</b> | <b>.0093277</b> | <b>.0455021</b> |
| Stddev | .0002411        | .0019644        | .0002867        |
| %RSD   | 3.554424        | 21.06000        | .6301768        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0065138</b> | <b>.0071362</b> | <b>.0451717</b> |
| #2 | <b>.0069812</b> | <b>.0109303</b> | <b>.0456857</b> |
| #3 | <b>.0068499</b> | <b>.0099167</b> | <b>.0456489</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1493.902</b> | <b>3002.042</b> | <b>35777.52</b> | <b>7734.830</b> | <b>3414.708</b> |
| Stddev    | 21.442          | 2.632           | 208.34          | 46.162          | 5.458           |
| %RSD      | 1.435274        | .0876598        | .5823245        | .5968093        | .1598252        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1487.137</b> | <b>2999.309</b> | <b>35747.05</b> | <b>7681.527</b> | <b>3409.846</b> |
| #2 | <b>1517.910</b> | <b>3002.257</b> | <b>35999.42</b> | <b>7761.434</b> | <b>3420.612</b> |
| #3 | <b>1476.659</b> | <b>3004.559</b> | <b>35586.10</b> | <b>7761.530</b> | <b>3413.668</b> |

Sample Name: K6147-17      Acquired: 12/07/2019 17:13:43      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC006      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0021982</b> | <b>-.007445</b> | <b>1.433971</b> | <b>.0082896</b> | <b>.0197329</b> | <b>.1537354</b> | <b>.1019049</b> |
| Stddev | .0024511        | .000515         | .000213         | .0009655        | .0006622        | .0072865        | .0010488        |
| %RSD   | 111.5068        | 6.917618        | .0148397        | 11.64720        | 3.356070        | 4.739657        | 1.029147        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000011 | -.007540 | 1.433735 | .0075014 | .0190369 | .1585672 | .1008137 |
| #2 | .004835  | -.006889 | 1.434029 | .0080008 | .0198065 | .1453543 | .1019955 |
| #3 | .001771  | -.007905 | 1.434149 | .0093665 | .0203552 | .1572848 | .1029054 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000177</b> | <b>.0018529</b> | <b>48.35238</b> | <b>.0046999</b> | <b>-.001168</b> | <b>.0147904</b> | <b>.0689796</b> |
| Stddev | .000046         | .0001120        | .18886          | .0001179        | .000158         | .0017846        | .0014364        |
| %RSD   | 25.70319        | 6.042968        | .3905854        | 2.509595        | 13.55375        | 12.06623        | 2.082409        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000125 | .0018088 | 48.17412 | .0045638 | -.000986 | .0139495 | .0679248 |
| #2 | -.000198 | .0017696 | 48.33273 | .0047722 | -.001273 | .0135815 | .0683984 |
| #3 | -.000209 | .0019802 | 48.55029 | .0047638 | -.001245 | .0168401 | .0706155 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0378946</b> | <b>1.927528</b> | <b>.0024805</b> | <b>.0003922</b> | <b>324.1366</b> | <b>.0009016</b> | <b>.0849514</b> |
| Stddev | .0005708        | .015840         | .0003198        | .0002464        | .8283           | .0039334        | .0005147        |
| %RSD   | 1.506402        | .8218019        | 12.89382        | 62.82686        | .2555255        | 436.2645        | .6058876        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0372952 | 1.909558 | .0028406 | .0006427 | 324.8270 | .0031452 | .0849395 |
| #2 | .0379567 | 1.939468 | .0023714 | .0001500 | 323.2183 | .0031998 | .0844427 |
| #3 | .0384318 | 1.933557 | .0022295 | .0003840 | 324.3646 | -.003640 | .0854720 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.104970</b> | <b>.1034330</b> | <b>.0069087</b> | <b>.0002277</b> | <b>.9820930</b> | <b>.9920298</b> | <b>-.005194</b> |
| Stddev | .035593         | .0012827        | .0000539        | .0003742        | .0077704        | .0152904        | .001724         |
| %RSD   | 33.90751        | 1.240143        | .7801473        | 164.3207        | .7912051        | 1.541321        | 33.18459        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.144470 | .1043770 | .0069521 | -.000107 | .9789482 | .9838699 | -.006759 |
| #2 | -.075389 | .1019725 | .0068484 | .000158  | .9763880 | 1.009669 | -.003347 |
| #3 | -.095051 | .1039494 | .0069258 | .000632  | .9909429 | .982550  | -.005476 |

Sample Name: K6147-17      Acquired: 12/07/2019 17:13:43      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC006      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000067</b> | <b>.0107501</b> | <b>.2471274</b> |
| Stddev | .000329         | .0014653        | .0008097        |
| %RSD   | 488.8577        | 13.63018        | .3276390        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000068</b> | <b>.0122210</b> | <b>.2461952</b> |
| #2 | <b>.000262</b>  | <b>.0092906</b> | <b>.2476555</b> |
| #3 | <b>-.000396</b> | <b>.0107386</b> | <b>.2475315</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1469.871</b> | <b>2950.730</b> | <b>35273.44</b> | <b>7660.173</b> | <b>3334.626</b> |
| Stddev    | 3.331           | 2.110           | 108.61          | 91.751          | 3.290           |
| %RSD      | .2266226        | .0714940        | .3078987        | 1.197773        | .0986642        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1466.060</b> | <b>2948.683</b> | <b>35162.46</b> | <b>7682.911</b> | <b>3330.829</b> |
| #2 | <b>1471.322</b> | <b>2952.897</b> | <b>35278.36</b> | <b>7559.190</b> | <b>3336.634</b> |
| #3 | <b>1472.230</b> | <b>2950.611</b> | <b>35379.51</b> | <b>7738.417</b> | <b>3336.415</b> |



Sample Name: K6147-18      Acquired: 12/07/2019 17:17:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC007      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.001831</b> | <b>-.007414</b> | <b>9.366254</b> | <b>.0035004</b> | <b>.0302647</b> | <b>.1033707</b> | <b>.0666633</b> |
| Stddev | .003436         | .004472         | .015618         | .0026067        | .0021791        | .0114213        | .0005052        |
| %RSD   | 187.6282        | 60.31468        | .1667442        | 74.46926        | 7.200042        | 11.04884        | .7577604        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.004628</b> | <b>-.002876</b> | <b>9.382215</b> | <b>.0059771</b> | <b>.0327777</b> | <b>.1004463</b> | <b>.0661476</b> |
| #2 | <b>.002004</b>  | <b>-.007549</b> | <b>9.351004</b> | <b>.0037434</b> | <b>.0291167</b> | <b>.1159698</b> | <b>.0666850</b> |
| #3 | <b>-.002870</b> | <b>-.011817</b> | <b>9.365544</b> | <b>.0007807</b> | <b>.0288996</b> | <b>.0936960</b> | <b>.0671572</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000161</b> | <b>.0014455</b> | <b>7.363020</b> | <b>.0010084</b> | <b>-.000551</b> | <b>.0284760</b> | <b>.0570236</b> |
| Stddev | .000040         | .0000400        | .059601         | .0002449        | .000255         | .0029064        | .0064732        |
| %RSD   | 24.57887        | 2.770957        | .8094672        | 24.28793        | 46.20970        | 10.20640        | 11.35175        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000115</b> | <b>.0014306</b> | <b>7.294366</b> | <b>.0011758</b> | <b>-.000802</b> | <b>.0297382</b> | <b>.0531165</b> |
| #2 | <b>-.000185</b> | <b>.0014150</b> | <b>7.401504</b> | <b>.0007273</b> | <b>-.000560</b> | <b>.0305378</b> | <b>.0534587</b> |
| #3 | <b>-.000182</b> | <b>.0014909</b> | <b>7.393188</b> | <b>.0011222</b> | <b>-.000292</b> | <b>.0251519</b> | <b>.0644955</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0105626</b> | <b>.6789760</b> | <b>.0019997</b> | <b>.0004321</b> | <b>286.7619</b> | <b>-.000793</b> | <b>.1273496</b> |
| Stddev | .0006315        | .0275430        | .0004280        | .0002194        | 1.4131          | .000180         | .0016261        |
| %RSD   | 5.978837        | 4.056543        | 21.40479        | 50.78136        | .4927696        | 22.62603        | 1.276899        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0112604</b> | <b>.6480378</b> | <b>.0015738</b> | <b>.0006129</b> | <b>285.3478</b> | <b>-.000612</b> | <b>.1264040</b> |
| #2 | <b>.0103969</b> | <b>.7008276</b> | <b>.0024298</b> | <b>.0004953</b> | <b>288.1739</b> | <b>-.000971</b> | <b>.1264175</b> |
| #3 | <b>.0100304</b> | <b>.6880625</b> | <b>.0019956</b> | <b>.0001880</b> | <b>286.7640</b> | <b>-.000796</b> | <b>.1292273</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.088688</b> | <b>.0789225</b> | <b>.0062788</b> | <b>.0003260</b> | <b>.8431596</b> | <b>.3295203</b> | <b>.0218869</b> |
| Stddev | .033885         | .0005126        | .0006235        | .0002083        | .0078928        | .0016703        | .0003362        |
| %RSD   | 38.20669        | .6494934        | 9.929695        | 63.89107        | .9360933        | .5069001        | 1.535910        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.049860</b> | <b>.0795123</b> | <b>.0057188</b> | <b>.0003179</b> | <b>.8350798</b> | <b>.3312991</b> | <b>.0221602</b> |
| #2 | <b>-.103923</b> | <b>.0785845</b> | <b>.0069506</b> | <b>.0001219</b> | <b>.8508510</b> | <b>.3279853</b> | <b>.0219889</b> |
| #3 | <b>-.112281</b> | <b>.0786707</b> | <b>.0061669</b> | <b>.0005382</b> | <b>.8435479</b> | <b>.3292766</b> | <b>.0215115</b> |

Sample Name: K6147-18      Acquired: 12/07/2019 17:17:32      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC007      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0046842</b> | <b>.0070193</b> | <b>.0351111</b> |
| Stddev | .0012287        | .0002268        | .0002203        |
| %RSD   | 26.23010        | 3.231215        | .6274812        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0033345</b> | <b>.0068223</b> | <b>.0349679</b> |
| #2 | <b>.0057376</b> | <b>.0069683</b> | <b>.0350007</b> |
| #3 | <b>.0049806</b> | <b>.0072673</b> | <b>.0353648</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1484.256</b> | <b>2994.792</b> | <b>35384.06</b> | <b>7679.119</b> | <b>3407.500</b> |
| Stddev    | 6.036           | 6.614           | 206.26          | 36.521          | 12.773          |
| %RSD      | .4066854        | .2208447        | .5829189        | .4755885        | .3748595        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1477.662 | 2987.572 | 35192.18 | 7686.773 | 3392.839 |
| #2 | 1485.599 | 3000.557 | 35357.82 | 7711.207 | 3416.225 |
| #3 | 1489.508 | 2996.246 | 35602.19 | 7639.378 | 3413.435 |

Sample Name: CCV05      Acquired: 12/07/2019 17:21:22      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV15768      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.031841 | 4.939295 | 5.067660 | 5.339590 | 4.924537 | 10.27851 | 10.15252 |
| Stddev | .010316  | .010146  | .011519  | .013325  | .009329  | .04149   | .05833   |
| %RSD   | .2050082 | .2054241 | .2273040 | .2495461 | .1894438 | .4036524 | .5745513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.020207 | 4.941836 | 5.073449 | 5.352520 | 4.918690 | 10.24411 | 10.08525 |
| #2 | 5.035445 | 4.928120 | 5.054394 | 5.340346 | 4.919624 | 10.26684 | 10.18917 |
| #3 | 5.039871 | 4.947930 | 5.075136 | 5.325903 | 4.935295 | 10.32459 | 10.18313 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2552376 | 2.591561 | 25.08386 | 1.004379 | 2.538860 | 1.245812 | 4.997657 |
| Stddev | .0009084 | .002783  | .20123   | .001876  | .005569  | .009247  | .061447  |
| %RSD   | .3559019 | .1073784 | .8022299 | .1868159 | .2193375 | .7422388 | 1.229506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2561880 | 2.594298 | 24.85594 | 1.004976 | 2.538438 | 1.237668 | 4.941838 |
| #2 | .2551467 | 2.588734 | 25.15867 | 1.005884 | 2.533515 | 1.243904 | 4.987633 |
| #3 | .2543781 | 2.591652 | 25.23697 | 1.002277 | 2.544629 | 1.255864 | 5.063499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.481256 | 24.63533 | 2.428476 | 1.240172 | 25.12791 | 2.491833 | 2.553743 |
| Stddev | .018737  | .26536   | .003468  | .003393  | .00537   | .024232  | .010602  |
| %RSD   | .7551264 | 1.077154 | .1428084 | .2735827 | .0213654 | .9724681 | .4151363 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.463083 | 24.33191 | 2.425084 | 1.240871 | 25.13326 | 2.464476 | 2.551859 |
| #2 | 2.480175 | 24.75007 | 2.428330 | 1.236484 | 25.12797 | 2.500420 | 2.565161 |
| #3 | 2.500509 | 24.82402 | 2.432015 | 1.243161 | 25.12252 | 2.510603 | 2.544211 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.94886 | 4.940042 | 5.001940 | 5.086128 | 5.241091 | 4.745889 | 5.051575 |
| Stddev | .01061   | .016691  | .027455  | .007281  | .003019  | .017656  | .010363  |
| %RSD   | .0425292 | .3378693 | .5488816 | .1431471 | .0576101 | .3720365 | .2051410 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.96083 | 4.936306 | 5.027221 | 5.090446 | 5.244452 | 4.762119 | 5.057683 |
| #2 | 24.94060 | 4.925536 | 5.005867 | 5.077722 | 5.238607 | 4.748462 | 5.039610 |
| #3 | 24.94516 | 4.958285 | 4.972734 | 5.090217 | 5.240214 | 4.727088 | 5.057432 |

Sample Name: CCV05      Acquired: 12/07/2019 17:21:22      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCV15768      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.082384</b> | <b>5.041868</b> | <b>5.243582</b> |
| Stddev | .016315         | .015132         | .034398         |
| %RSD   | .3210156        | .3001285        | .6559968        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>5.081408</b> | <b>5.025357</b> | <b>5.204436</b> |
| #2 | <b>5.066579</b> | <b>5.045172</b> | <b>5.257333</b> |
| #3 | <b>5.099165</b> | <b>5.055075</b> | <b>5.268977</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1539.089</b> | <b>3105.589</b> | <b>36632.83</b> | <b>7798.474</b> | <b>3542.789</b> |
| Stddev    | 6.613           | 2.123           | 116.45          | 32.464          | 1.403           |
| %RSD      | .4296902        | .0683561        | .3178742        | .4162806        | .0395900        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1546.721</b> | <b>3106.119</b> | <b>36748.01</b> | <b>7783.042</b> | <b>3541.478</b> |
| #2 | <b>1535.503</b> | <b>3103.252</b> | <b>36635.31</b> | <b>7776.605</b> | <b>3542.620</b> |
| #3 | <b>1535.043</b> | <b>3107.397</b> | <b>36515.15</b> | <b>7835.775</b> | <b>3544.268</b> |

Sample Name: CCB05      Acquired: 12/07/2019 17:25:02      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB15768      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000293</b> | <b>-.001152</b> | <b>.0013511</b> | <b>.0000350</b> | <b>-.000375</b> | <b>-.002172</b> | <b>-.001657</b> |
| Stddev | .002145         | .002184         | .0020208        | .0008276        | .001844         | .007083         | .000383         |
| %RSD   | 731.0616        | 189.5187        | 149.5640        | 2364.752        | 491.7777        | 326.0820        | 23.09632        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.001351</b> | <b>-.003541</b> | <b>.0036293</b> | <b>.0009769</b> | <b>.001176</b>  | <b>-.007888</b> | <b>-.001306</b> |
| #2 | <b>-.001705</b> | <b>.000744</b>  | <b>.0006493</b> | <b>-.000297</b> | <b>.000113</b>  | <b>-.004381</b> | <b>-.001601</b> |
| #3 | <b>.002175</b>  | <b>-.000661</b> | <b>-.000225</b> | <b>-.000575</b> | <b>-.002414</b> | <b>.005752</b>  | <b>-.002065</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0000176</b> | <b>.0000130</b> | <b>.0148871</b> | <b>-.000034</b> | <b>-.000057</b> | <b>.0030279</b> | <b>-.008979</b> |
| Stddev | .0000154        | .0000707        | .0071366        | .000279         | .000186         | .0011347        | .006357         |
| %RSD   | 87.60775        | 543.9980        | 47.93801        | 832.9435        | 325.9911        | 37.47576        | 70.79330        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0000324</b> | <b>.0000793</b> | <b>.0231242</b> | <b>.000053</b>  | <b>-.000173</b> | <b>.0039853</b> | <b>-.003571</b> |
| #2 | <b>.0000016</b> | <b>-.000061</b> | <b>.0105604</b> | <b>-.000346</b> | <b>-.000155</b> | <b>.0033237</b> | <b>-.007386</b> |
| #3 | <b>.0000189</b> | <b>.000021</b>  | <b>.0109767</b> | <b>.000192</b>  | <b>.000158</b>  | <b>.0017745</b> | <b>-.015981</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.0005304</b> | <b>.0111844</b> | <b>.0000412</b> | <b>.0009628</b> | <b>-.249315</b> | <b>-.003215</b> | <b>-.000429</b> |
| Stddev | .0000943        | .0125257        | .0007603        | .0003661        | .196188         | .001326         | .000287         |
| %RSD   | 17.77693        | 111.9927        | 1846.239        | 38.02608        | 78.69079        | 41.24060        | 66.88531        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.0004471</b> | <b>.0163194</b> | <b>.0007627</b> | <b>.0007813</b> | <b>-.177209</b> | <b>-.003916</b> | <b>-.000358</b> |
| #2 | <b>.0005113</b> | <b>-.003093</b> | <b>-.000753</b> | <b>.0007230</b> | <b>-.099384</b> | <b>-.004044</b> | <b>-.000184</b> |
| #3 | <b>.0006328</b> | <b>.020327</b>  | <b>.000114</b>  | <b>.0013843</b> | <b>-.471354</b> | <b>-.001686</b> | <b>-.000745</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1483563</b> | <b>-.000396</b> | <b>.0054363</b> | <b>.0005376</b> | <b>-.001477</b> | <b>-.014535</b> | <b>-.002893</b> |
| Stddev | .1310677        | .002733         | .0007401        | .0001807        | .001078         | .001625         | .001035         |
| %RSD   | 88.34658        | 690.9429        | 13.61399        | 33.61652        | 72.94809        | 11.18109        | 35.77079        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002765</b> | <b>.002373</b>  | <b>.0045855</b> | <b>.0004275</b> | <b>-.001149</b> | <b>-.016109</b> | <b>-.004079</b> |
| #2 | <b>.216817</b>  | <b>-.003092</b> | <b>.0059309</b> | <b>.0007462</b> | <b>-.000602</b> | <b>-.012863</b> | <b>-.002424</b> |
| #3 | <b>.231017</b>  | <b>-.000468</b> | <b>.0057925</b> | <b>.0004391</b> | <b>-.002681</b> | <b>-.014633</b> | <b>-.002176</b> |

Sample Name: CCB05      Acquired: 12/07/2019 17:25:02      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: CCB15768      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.000236</b> | <b>-.001739</b> | <b>.0000616</b> |
| Stddev | .000313         | .001107         | .0001612        |
| %RSD   | 132.3565        | 63.69227        | 261.7104        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000014  | -.000642 | .0002446 |
| #2 | -.000587 | -.001717 | -.000059 |
| #3 | -.000136 | -.002856 | -.000001 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1560.595</b> | <b>3127.989</b> | <b>36814.90</b> | <b>7882.781</b> | <b>3592.132</b> |
| Stddev    | 10.138          | 6.370           | 178.32          | 274.161         | 8.564           |
| %RSD      | .6496278        | .2036415        | .4843744        | 3.477974        | .2384200        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1555.234 | 3129.180 | 36778.93 | 8196.586 | 3591.468 |
| #2 | 1554.263 | 3133.680 | 36657.31 | 7689.693 | 3601.008 |
| #3 | 1572.288 | 3121.108 | 37008.47 | 7762.065 | 3583.918 |

Sample Name: K6147-19      Acquired: 12/07/2019 17:28:56      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC008      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000211</b> | <b>-.005743</b> | <b>3.614121</b> | <b>.0049492</b> | <b>.0268693</b> | <b>.1819235</b> | <b>.1010059</b> |
| Stddev | .002496         | .003125         | .002492         | .0012855        | .0035455        | .0043014        | .0006949        |
| %RSD   | 1183.146        | 54.41818        | .0689558        | 25.97455        | 13.19541        | 2.364378        | .6879777        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002463</b> | <b>-.003504</b> | <b>3.616480</b> | <b>.0062694</b> | <b>.0251441</b> | <b>.1805891</b> | <b>.1002436</b> |
| #2 | <b>.002474</b>  | <b>-.009314</b> | <b>3.611514</b> | <b>.0048769</b> | <b>.0245165</b> | <b>.1867340</b> | <b>.1016039</b> |
| #3 | <b>-.000644</b> | <b>-.004411</b> | <b>3.614368</b> | <b>.0037014</b> | <b>.0309472</b> | <b>.1784476</b> | <b>.1011701</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000212</b> | <b>.0022469</b> | <b>22.12751</b> | <b>.0012068</b> | <b>.0009507</b> | <b>.3596225</b> | <b>.1268549</b> |
| Stddev | .000102         | .0000690        | .16482          | .0002439        | .0000981        | .0025089        | .0027240        |
| %RSD   | 48.23770        | 3.072960        | .7448529        | 20.21460        | 10.32260        | .6976535        | 2.147335        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000184</b> | <b>.0021715</b> | <b>21.94403</b> | <b>.0011219</b> | <b>.0010247</b> | <b>.3587278</b> | <b>.1249473</b> |
| #2 | <b>-.000126</b> | <b>.0022622</b> | <b>22.26303</b> | <b>.0014819</b> | <b>.0008394</b> | <b>.3576836</b> | <b>.1256428</b> |
| #3 | <b>-.000325</b> | <b>.0023071</b> | <b>22.17547</b> | <b>.0010167</b> | <b>.0009882</b> | <b>.3624562</b> | <b>.1299745</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1814280</b> | <b>2.080454</b> | <b>.0056770</b> | <b>.0002235</b> | <b>317.6375</b> | <b>.0013497</b> | <b>.3423426</b> |
| Stddev | .0020728        | .049013         | .0004927        | .0003762        | 1.8144          | .0028606        | .0026007        |
| %RSD   | 1.142469        | 2.355898        | 8.679223        | 168.3061        | .5712140        | 211.9525        | .7596772        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.1812411</b> | <b>2.027648</b> | <b>.0052218</b> | <b>.0006417</b> | <b>315.8778</b> | <b>.0040674</b> | <b>.3430240</b> |
| #2 | <b>.1835879</b> | <b>2.124492</b> | <b>.0056091</b> | <b>-.000087</b> | <b>319.5020</b> | <b>.0016167</b> | <b>.3445348</b> |
| #3 | <b>.1794551</b> | <b>2.089221</b> | <b>.0062002</b> | <b>.000116</b>  | <b>317.5326</b> | <b>-.001635</b> | <b>.3394690</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2994006</b> | <b>.0898865</b> | <b>.0179029</b> | <b>.0004059</b> | <b>.7630387</b> | <b>.6397616</b> | <b>.0721073</b> |
| Stddev | .0676262        | .0016345        | .0004589        | .0002721        | .0069640        | .0033330        | .0016223        |
| %RSD   | 22.58721        | 1.818385        | 2.563210        | 67.03926        | .9126718        | .5209791        | 2.249892        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2811926</b> | <b>.0896534</b> | <b>.0178233</b> | <b>.0002401</b> | <b>.7689596</b> | <b>.6407048</b> | <b>.0716708</b> |
| #2 | <b>.2427425</b> | <b>.0916250</b> | <b>.0183963</b> | <b>.0002577</b> | <b>.7647903</b> | <b>.6425213</b> | <b>.0739033</b> |
| #3 | <b>.3742668</b> | <b>.0883811</b> | <b>.0174890</b> | <b>.0007199</b> | <b>.7553660</b> | <b>.6360586</b> | <b>.0707479</b> |

Sample Name: K6147-19      Acquired: 12/07/2019 17:28:56      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: P001-WC008      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0072367 | .0039156 | .1075920 |
| Stddev | .0011050 | .0003258 | .0008189 |
| %RSD   | 15.26932 | 8.320547 | .7611094 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0079452 | .0036579 | .1066539 |
| #2 | .0078014 | .0038071 | .1079586 |
| #3 | .0059635 | .0042818 | .1081636 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1461.339 | 2962.239 | 35114.88 | 7624.107 | 3357.001 |
| Stddev    | 5.854    | 11.316   | 145.56   | 46.524   | 8.213    |
| %RSD      | .4006030 | .3819937 | .4145134 | .6102253 | .2446546 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1456.302 | 2951.329 | 34953.40 | 7640.555 | 3348.361 |
| #2 | 1459.952 | 2961.468 | 35155.25 | 7571.593 | 3357.934 |
| #3 | 1467.762 | 2973.921 | 35235.98 | 7660.173 | 3364.708 |



Sample Name: K6147-20      Acquired: 12/07/2019 17:32:46      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC009      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172743 | -.006114 | 20.96832 | .0076369 | .1844477 | .2703964 | .0664183 |
| Stddev | .0043849 | .001668  | .01773   | .0000753 | .0015730 | .0020389 | .0008439 |
| %RSD   | 25.38387 | 27.27364 | .0845550 | .9855736 | .8528178 | .7540482 | 1.270575 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0137014 | -.004396 | 20.98821 | .0076448 | .1857197 | .2699006 | .0654934 |
| #2 | .0159538 | -.007726 | 20.95420 | .0077078 | .1826888 | .2726375 | .0671466 |
| #3 | .0221677 | -.006221 | 20.96253 | .0075579 | .1849347 | .2686511 | .0666147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000326 | .0018355 | 7.220862 | .0022389 | -.000527 | .0198028 | .2706649 |
| Stddev | .000044  | .0000574 | .062888  | .0000137 | .000235  | .0018880 | .0042711 |
| %RSD   | 13.60259 | 3.128386 | .8709196 | .6115063 | 44.69717 | 9.534185 | 1.578017 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000377 | .0018828 | 7.152317 | .0022277 | -.000507 | .0219800 | .2755256 |
| #2 | -.000300 | .0018521 | 7.275896 | .0022349 | -.000772 | .0186161 | .2675118 |
| #3 | -.000300 | .0017716 | 7.234375 | .0022541 | -.000302 | .0188123 | .2689571 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0618662 | 1.618306 | .0023495 | .0001421 | 311.8822 | -.000989 | .0856615 |
| Stddev | .0011659 | .044767  | .0001409 | .0004241 | 3.5581   | .002356  | .0007748 |
| %RSD   | 1.884538 | 2.766265 | 5.997244 | 298.4948 | 1.140849 | 238.2846 | .9044521 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0613573 | 1.571120 | .0023992 | -.000057 | 308.4290 | .001319  | .0864178 |
| #2 | .0632001 | 1.623619 | .0024588 | .000629  | 315.5366 | -.003391 | .0856972 |
| #3 | .0610413 | 1.660179 | .0021905 | -.000146 | 311.6810 | -.000894 | .0848695 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.090419 | .0648741 | .0123559 | .0008425 | .6916568 | .3463762 | -.001044 |
| Stddev | .054951  | .0019934 | .0003797 | .0000821 | .0089509 | .0039621 | .000638  |
| %RSD   | 60.77411 | 3.072665 | 3.073219 | 9.745777 | 1.294124 | 1.143883 | 61.08387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.148990 | .0627958 | .0125215 | .0009182 | .7016404 | .3444409 | -.001058 |
| #2 | -.039997 | .0667700 | .0126246 | .0008542 | .6889810 | .3509341 | -.000399 |
| #3 | -.082269 | .0650566 | .0119215 | .0007552 | .6843489 | .3437537 | -.001674 |

Sample Name: K6147-20      Acquired: 12/07/2019 17:32:46      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC009      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.0067318</b> | <b>.0094157</b> | <b>.0204194</b> |
| Stddev | .0001056        | .0010866        | .0000357        |
| %RSD   | 1.568791        | 11.54051        | .1749611        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.0067782</b> | <b>.0085600</b> | <b>.0204029</b> |
| #2 | <b>.0068063</b> | <b>.0090488</b> | <b>.0203950</b> |
| #3 | <b>.0066110</b> | <b>.0106382</b> | <b>.0204604</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1423.029</b> | <b>2893.663</b> | <b>34665.47</b> | <b>7512.930</b> | <b>3339.097</b> |
| Stddev    | 12.134          | 3.668           | 252.44          | 75.121          | 6.005           |
| %RSD      | .8527031        | .1267691        | .7282236        | .9998903        | .1798251        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1415.264 | 2889.472 | 34413.43 | 7475.435 | 3332.427 |
| #2 | 1416.810 | 2895.224 | 34664.67 | 7463.936 | 3344.072 |
| #3 | 1437.011 | 2896.292 | 34918.31 | 7599.418 | 3340.791 |

Sample Name: K6147-21      Acquired: 12/07/2019 17:36:37      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0053626 | -.006562 | 1.768484 | .0072843 | .0638277 | .1910358 | .1276720 |
| Stddev | .0016006 | .000413  | .005269  | .0019686 | .0017636 | .0086176 | .0003085 |
| %RSD   | 29.84822 | 6.288279 | .2979330 | 27.02506 | 2.763054 | 4.510988 | .2416261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040875 | -.006917 | 1.762401 | .0066151 | .0655910 | .1841023 | .1273356 |
| #2 | .0048415 | -.006109 | 1.771632 | .0095002 | .0638282 | .2006838 | .1277387 |
| #3 | .0071589 | -.006658 | 1.771418 | .0057376 | .0620639 | .1883212 | .1279417 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000322 | .0015079 | 7.394490 | .0025067 | -.000957 | .0127231 | .1855968 |
| Stddev | .000037  | .0000874 | .059094  | .0005357 | .000169  | .0010808 | .0086793 |
| %RSD   | 11.36977 | 5.793260 | .7991607 | 21.36928 | 17.70234 | 8.495095 | 4.676450 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000359 | .0016088 | 7.326268 | .0030547 | -.000836 | .0117121 | .1801669 |
| #2 | -.000320 | .0014565 | 7.429790 | .0024811 | -.000884 | .0138623 | .1810166 |
| #3 | -.000286 | .0014584 | 7.427411 | .0019843 | -.001150 | .0125947 | .1956068 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0389165 | 1.637191 | .0011839 | .0002104 | 257.6699 | .0012568 | .1328817 |
| Stddev | .0008885 | .014856  | .0004205 | .0002824 | 1.9904   | .0034901 | .0008143 |
| %RSD   | 2.283142 | .9073818 | 35.52287 | 134.2427 | .7724594 | 277.7045 | .6128277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0381824 | 1.644970 | .0015769 | .0001314 | 255.5420 | .0003240 | .1323013 |
| #2 | .0399043 | 1.646543 | .0007404 | .0005238 | 259.4860 | .0051185 | .1338126 |
| #3 | .0386629 | 1.620062 | .0012343 | -.000024 | 257.9816 | -.001672 | .1325312 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.077946 | .1688050 | .0127461 | .0006043 | .7068785 | .2710265 | -.002231 |
| Stddev | .054773  | .0018875 | .0003311 | .0002062 | .0086265 | .0031161 | .001073  |
| %RSD   | 70.27000 | 1.118149 | 2.597837 | 34.11638 | 1.220362 | 1.149734 | 48.07675 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.085961 | .1709790 | .0130695 | .0005224 | .7019500 | .2710961 | -.001936 |
| #2 | -.128270 | .1675843 | .0127612 | .0004516 | .7018461 | .2741073 | -.003420 |
| #3 | -.019608 | .1678516 | .0124077 | .0008388 | .7168393 | .2678763 | -.001337 |

Sample Name: K6147-21      Acquired: 12/07/2019 17:36:37      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0368677 | .0077871 | .0248049 |
| Stddev | .0026758 | .0014208 | .0001695 |
| %RSD   | 7.257729 | 18.24567 | .6832185 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0363374 | .0070201 | .0246226 |
| #2 | .0397689 | .0069147 | .0248344 |
| #3 | .0344967 | .0094266 | .0249577 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_2243   | Y_3600   | Y_3710   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1439.657 | 2907.215 | 35084.29 | 7554.679 | 3367.777 |
| Stddev    | 12.720   | 3.956    | 65.69    | 62.200   | 5.219    |
| %RSD      | .8835427 | .1360808 | .1872366 | .8233337 | .1549680 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1425.403 | 2904.646 | 35013.23 | 7499.735 | 3369.383 |
| #2 | 1449.853 | 2905.227 | 35096.84 | 7542.092 | 3361.944 |
| #3 | 1443.716 | 2911.770 | 35142.80 | 7622.210 | 3372.005 |

Sample Name: K6147-22      Acquired: 12/07/2019 17:40:28      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC011      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7662405</b> | <b>1.958745</b> | <b>1.287797</b> | <b>1.790511</b> | <b>.7641835</b> | <b>2.446963</b> | <b>.2994678</b> |
| Stddev | .0053005        | .011683         | .005849         | .004038         | .0035457        | .046632         | .0031578        |
| %RSD   | .6917596        | .5964358        | .4542101        | .2255315        | .4639813        | 1.905718        | 1.054476        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7635143 | 1.959439 | 1.284659 | 1.792607 | .7673913 | 2.500103 | .3026405 |
| #2 | .7628579 | 1.946731 | 1.294545 | 1.785856 | .7603764 | 2.427925 | .2994377 |
| #3 | .7723493 | 1.970065 | 1.284186 | 1.793071 | .7647829 | 2.412863 | .2963251 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.1917301</b> | <b>.2108693</b> | <b>7.626253</b> | <b>.4150310</b> | <b>.2097458</b> | <b>.3232462</b> | <b>3.457806</b> |
| Stddev | .0017705        | .0006108        | .070946         | .0008675        | .0005460        | .0041079        | .014976         |
| %RSD   | .9234359        | .2896392        | .9302830        | .2090299        | .2602993        | 1.270819        | .4331206        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1937622 | .2104213 | 7.690346 | .4156617 | .2097936 | .3278401 | 3.474821 |
| #2 | .1909076 | .2106217 | 7.638391 | .4140416 | .2091775 | .3219721 | 3.451976 |
| #3 | .1905204 | .2115650 | 7.550021 | .4153897 | .2102662 | .3199263 | 3.446622 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2462311</b> | <b>4.022935</b> | <b>.4972145</b> | <b>.0736732</b> | <b>315.9786</b> | <b>.3153686</b> | <b>.2783151</b> |
| Stddev | .0036666        | .033773         | .0003758        | .0003221        | 1.9938          | .0076755        | .0009235        |
| %RSD   | 1.489103        | .8395221        | .0755885        | .4371745        | .6309952        | 2.433819        | .3318269        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2502720 | 4.061330 | .4972379 | .0734955 | 317.5966 | .3239021 | .2793652 |
| #2 | .2453049 | 4.009658 | .4968275 | .0734791 | 316.5879 | .3131751 | .2779508 |
| #3 | .2431164 | 3.997819 | .4975781 | .0740450 | 313.7512 | .3090287 | .2776293 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>10.44223</b> | <b>5.846115</b> | <b>.2941322</b> | <b>.4203341</b> | <b>.2682755</b> | <b>1.212474</b> | <b>.7272464</b> |
| Stddev | .14230          | .036504         | .0051217        | .0009015        | .0055775        | .013270         | .0003768        |
| %RSD   | 1.362695        | .6244077        | 1.741281        | .2144726        | 2.079018        | 1.094424        | .0518165        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.59647 | 5.849819 | .2996519 | .4210501 | .2618381 | 1.224939 | .7271383 |
| #2 | 10.41416 | 5.807900 | .2932113 | .4193217 | .2713227 | 1.213958 | .7269355 |
| #3 | 10.31606 | 5.880625 | .2895336 | .4206303 | .2716655 | 1.198524 | .7276655 |

Sample Name: K6147-22      Acquired: 12/07/2019 17:40:28      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: P001-WC011      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2187926</b> | <b>.2304419</b> | <b>.2474460</b> |
| Stddev | .0039490        | .0049592        | .0031909        |
| %RSD   | 1.804897        | 2.152027        | 1.289552        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2231962</b> | <b>.2361633</b> | <b>.2511200</b> |
| #2 | <b>.2155658</b> | <b>.2277886</b> | <b>.2458500</b> |
| #3 | <b>.2176157</b> | <b>.2273739</b> | <b>.2453679</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1473.319</b> | <b>2977.811</b> | <b>35463.67</b> | <b>7577.206</b> | <b>3367.033</b> |
| Stddev    | 7.930           | 3.672           | 242.16          | 76.774          | 5.113           |
| %RSD      | .5382371        | .1233150        | .6828312        | 1.013222        | .1518531        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1470.579 | 2977.322 | 35366.70 | 7497.655 | 3370.867 |
| #2 | 1482.255 | 2981.704 | 35739.29 | 7583.102 | 3369.005 |
| #3 | 1467.122 | 2974.409 | 35285.03 | 7650.863 | 3361.228 |

Sample Name: K6162-03      Acquired: 12/07/2019 17:44:10      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WC      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7773178 | 1.954932 | 1.248874 | 1.802084 | .8006040 | 2.208269 | .3068651 |
| Stddev | .0060433 | .003674  | .002127  | .005677  | .0028603 | .038093  | .0032198 |
| %RSD   | .7774541 | .1879569 | .1703525 | .3150458 | .3572639 | 1.724994 | 1.049243 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7781437 | 1.958155 | 1.250619 | 1.808567 | .7997746 | 2.169502 | .3044304 |
| #2 | .7829057 | 1.955711 | 1.249498 | 1.797996 | .8037873 | 2.245649 | .3105157 |
| #3 | .7709041 | 1.950931 | 1.246504 | 1.799690 | .7982501 | 2.209657 | .3056491 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1954084 | .2086088 | 89.71878 | .4147798 | .2078967 | .3214264 | 3.206623 |
| Stddev | .0025343 | .0004187 | 1.27669  | .0010105 | .0010093 | .0058513 | .038640  |
| %RSD   | 1.296950 | .2006912 | 1.422988 | .2436176 | .4854801 | 1.820415 | 1.205011 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1936174 | .2088134 | 88.59198 | .4138179 | .2070071 | .3147193 | 3.175964 |
| #2 | .1983082 | .2081271 | 91.10539 | .4158327 | .2076894 | .3254860 | 3.250025 |
| #3 | .1942996 | .2088858 | 89.45896 | .4146887 | .2089935 | .3240739 | 3.193878 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2614203 | 6.398234 | .4972531 | .0737487 | 269.4811 | .3214721 | .7163989 |
| Stddev | .0043581 | .090690  | .0008435 | .0004365 | 4.3614   | .0048065 | .0010151 |
| %RSD   | 1.667082 | 1.417425 | .1696337 | .5919176 | 1.618426 | 1.495143 | .1416971 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2582346 | 6.335195 | .4978190 | .0733675 | 266.4972 | .3219474 | .7154177 |
| #2 | .2663868 | 6.502171 | .4962837 | .0742249 | 274.4864 | .3260232 | .7163340 |
| #3 | .2596395 | 6.357336 | .4976568 | .0736536 | 267.4598 | .3164456 | .7174449 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.01674 | 5.974318 | .3069219 | .4285383 | .7529818 | 1.279719 | .7287086 |
| Stddev | .15248   | .007726  | .0040402 | .0010205 | .0081199 | .018566  | .0019307 |
| %RSD   | 1.268901 | .1293161 | 1.316377 | .2381376 | 1.078369 | 1.450822 | .2649436 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.85000 | 5.977399 | .3056345 | .4274470 | .7538529 | 1.271546 | .7279043 |
| #2 | 12.14908 | 5.965527 | .3114489 | .4286990 | .7444614 | 1.300969 | .7309114 |
| #3 | 12.05115 | 5.980028 | .3036822 | .4294690 | .7606310 | 1.266641 | .7273101 |

Sample Name: K6162-03      Acquired: 12/07/2019 17:44:10      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: WC      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>.2105230</b> | <b>.2361085</b> | <b>.3709230</b> |
| Stddev | .0044887        | .0034074        | .0062023        |
| %RSD   | 2.132187        | 1.443148        | 1.672125        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>.2053716</b> | <b>.2321760</b> | <b>.3645197</b> |
| #2 | <b>.2135948</b> | <b>.2379645</b> | <b>.3769026</b> |
| #3 | <b>.2126027</b> | <b>.2381848</b> | <b>.3713468</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1448.818</b> | <b>2934.398</b> | <b>34959.39</b> | <b>7463.776</b> | <b>3333.032</b> |
| Stddev    | 5.824           | 4.069           | 10.53           | 61.437          | 7.931           |
| %RSD      | .4020035        | .1386609        | .0301303        | .8231409        | .2379523        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1453.916 | 2930.896 | 34964.41 | 7488.183 | 3324.835 |
| #2 | 1442.470 | 2938.862 | 34966.48 | 7393.886 | 3340.667 |
| #3 | 1450.068 | 2933.437 | 34947.29 | 7509.259 | 3333.594 |



Sample Name: K6164-03      Acquired: 12/07/2019 17:47:50      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: BOX-2512      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.005445</b> | <b>-.008318</b> | <b>.0036972</b> | <b>.0087074</b> | <b>-.001026</b> | <b>.1032400</b> | <b>.2780518</b> |
| Stddev | .002273         | .000317         | .0009587        | .0026076        | .000426         | .0042121        | .0014532        |
| %RSD   | 41.74795        | 3.807790        | 25.93180        | 29.94632        | 41.53334        | 4.079942        | .5226548        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.002951</b> | <b>-.008248</b> | <b>.0047958</b> | <b>.0060403</b> | <b>-.001514</b> | <b>.1027623</b> | <b>.2769532</b> |
| #2 | <b>-.007402</b> | <b>-.008664</b> | <b>.0030299</b> | <b>.0088308</b> | <b>-.000724</b> | <b>.0992870</b> | <b>.2775026</b> |
| #3 | <b>-.005983</b> | <b>-.008042</b> | <b>.0032658</b> | <b>.0112511</b> | <b>-.000840</b> | <b>.1076706</b> | <b>.2796996</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>-.000159</b> | <b>.0005604</b> | <b>22.02591</b> | <b>.0014872</b> | <b>.0026354</b> | <b>.0093484</b> | <b>.0058947</b> |
| Stddev | .000067         | .0001099        | .13982          | .0003375        | .0000794        | .0028068        | .0032551        |
| %RSD   | 41.83327        | 19.61291        | .6347935        | 22.69048        | 3.013785        | 30.02484        | 55.22131        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>-.000172</b> | <b>.0006579</b> | <b>21.87127</b> | <b>.0018469</b> | <b>.0026869</b> | <b>.0109137</b> | <b>.0043054</b> |
| #2 | <b>-.000087</b> | <b>.0005820</b> | <b>22.06304</b> | <b>.0014373</b> | <b>.0025440</b> | <b>.0110236</b> | <b>.0037396</b> |
| #3 | <b>-.000218</b> | <b>.0004413</b> | <b>22.14341</b> | <b>.0011775</b> | <b>.0026754</b> | <b>.0061080</b> | <b>.0096392</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2840761</b> | <b>2.245942</b> | <b>.0032301</b> | <b>.0004289</b> | <b>272.3330</b> | <b>-.001321</b> | <b>.2310163</b> |
| Stddev | .0032658        | .040251         | .0000909        | .0004171        | 1.7517          | .001100         | .0001037        |
| %RSD   | 1.149637        | 1.792164        | 2.813393        | 97.24104        | .6432271        | 83.27399        | .0448867        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.2803922</b> | <b>2.200462</b> | <b>.0031266</b> | <b>.0001694</b> | <b>270.7718</b> | <b>-.001672</b> | <b>.2310850</b> |
| #2 | <b>.2866160</b> | <b>2.260385</b> | <b>.0032669</b> | <b>.0002074</b> | <b>271.9998</b> | <b>-.000088</b> | <b>.2308970</b> |
| #3 | <b>.2852203</b> | <b>2.276979</b> | <b>.0032969</b> | <b>.0009101</b> | <b>274.2273</b> | <b>-.002202</b> | <b>.2310668</b> |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.7528441</b> | <b>.0020690</b> | <b>.0423200</b> | <b>.0004375</b> | <b>1.294731</b> | <b>1.082361</b> | <b>-.003371</b> |
| Stddev | .0322432        | .0016130        | .0003063        | .0001201        | .001661         | .005784         | .000778         |
| %RSD   | 4.282851        | 77.96169        | .7238606        | 27.45079        | .1282914        | .5343420        | 23.06819        |

|    |                 |                 |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>.7555532</b> | <b>.0030714</b> | <b>.0419807</b> | <b>.0003224</b> | <b>1.296589</b> | <b>1.077171</b> | <b>-.002515</b> |
| #2 | <b>.7193318</b> | <b>.0029273</b> | <b>.0424032</b> | <b>.0005620</b> | <b>1.293389</b> | <b>1.088595</b> | <b>-.003563</b> |
| #3 | <b>.7836472</b> | <b>.0002083</b> | <b>.0425762</b> | <b>.0004281</b> | <b>1.294215</b> | <b>1.081317</b> | <b>-.004034</b> |

Sample Name: K6164-03      Acquired: 12/07/2019 17:47:50      Type: Unk  
 Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
 User: BIN      Custom ID1: BOX-2512      Custom ID2:      Custom ID3:  
 Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001530</b> | <b>.0059876</b> | <b>.0898807</b> |
| Stddev | .000152         | .0008883        | .0004623        |
| %RSD   | 9.912266        | 14.83581        | .5143197        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001705</b> | <b>.0050789</b> | <b>.0894055</b> |
| #2 | <b>-.001456</b> | <b>.0060298</b> | <b>.0903289</b> |
| #3 | <b>-.001430</b> | <b>.0068541</b> | <b>.0899077</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1481.477</b> | <b>2980.666</b> | <b>35382.10</b> | <b>7665.074</b> | <b>3376.637</b> |
| Stddev    | 3.711           | 4.151           | 176.37          | 19.617          | 3.558           |
| %RSD      | .2504936        | .1392651        | .4984817        | .2559250        | .1053743        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1478.454 | 2976.644 | 35178.54 | 7672.023 | 3373.277 |
| #2 | 1485.619 | 2980.417 | 35489.38 | 7680.270 | 3376.269 |
| #3 | 1480.359 | 2984.935 | 35478.37 | 7642.928 | 3380.364 |

Sample Name: K6174-03      Acquired: 12/07/2019 17:51:39      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: SOLID-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012039 | -.002935 | .0023121 | .0023006 | -.000399 | .0211537 | .2389898 |
| Stddev | .0016211 | .002841  | .0025239 | .0016874 | .001763  | .0071903 | .0005566 |
| %RSD   | 134.6594 | 96.79482 | 109.1599 | 73.34626 | 441.6401 | 33.99080 | .2329031 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000645 | -.004771 | .0014709 | .0022996 | .001066  | .0255998 | .2394732 |
| #2 | .002382  | -.004371 | .0051492 | .0039885 | -.002355 | .0250033 | .2391151 |
| #3 | .001874  | .000337  | .0003162 | .0006137 | .000092  | .0128582 | .2383813 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000105 | .0001065 | 30.32113 | .0009199 | .0027730 | .0039559 | .1925467 |
| Stddev | .000068  | .0000482 | .11068   | .0005917 | .0002134 | .0011264 | .0032279 |
| %RSD   | 65.32394 | 45.27105 | .3650203 | 64.32795 | 7.694078 | 28.47482 | 1.676415 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000036 | .0000730 | 30.20218 | .0012558 | .0027685 | .0050815 | .1939613 |
| #2 | -.000105 | .0001617 | 30.42106 | .0012672 | .0029886 | .0028286 | .1888530 |
| #3 | -.000173 | .0000847 | 30.34017 | .0002366 | .0025619 | .0039577 | .1948258 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5474455 | 7.444215 | .0036557 | .0008731 | 127.2375 | .0010614 | .0955749 |
| Stddev | .0028552 | .078878  | .0004960 | .0003456 | .6101    | .0026805 | .0007461 |
| %RSD   | .5215441 | 1.059593 | 13.56829 | 39.57877 | .4795157 | 252.5513 | .7806213 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .5457890 | 7.397506 | .0038477 | .0012538 | 126.7169 | -.001894 | .0947291 |
| #2 | .5507424 | 7.535285 | .0030924 | .0005792 | 127.9089 | .003336  | .0961394 |
| #3 | .5458051 | 7.399852 | .0040270 | .0007864 | 127.0868 | .001742  | .0958564 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -1.14281 | -.001631 | .0165963 | -.000100 | .4367423 | .3865612 | -.005196 |
| Stddev | .02712   | .002623  | .0004497 | .000524  | .0064817 | .0050655 | .000367  |
| %RSD   | 2.373062 | 160.8097 | 2.709889 | 523.3855 | 1.484108 | 1.310406 | 7.063902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -1.11672 | -.003961 | .0171001 | -.000383 | .4358848 | .3829491 | -.005575 |
| #2 | -1.17085 | -.002141 | .0164534 | .000504  | .4436100 | .3923515 | -.005170 |
| #3 | -1.14085 | .001210  | .0162354 | -.000421 | .4307319 | .3843831 | -.004842 |

Sample Name: K6174-03      Acquired: 12/07/2019 17:51:39      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: SOLID-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.002113</b> | <b>-.006893</b> | <b>.0609941</b> |
| Stddev | .000928         | .000726         | .0001777        |
| %RSD   | 43.88912        | 10.53213        | .2912811        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.001100</b> | <b>-.007668</b> | <b>.0608114</b> |
| #2 | <b>-.002921</b> | <b>-.006782</b> | <b>.0611662</b> |
| #3 | <b>-.002319</b> | <b>-.006229</b> | <b>.0610046</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1568.064</b> | <b>3137.315</b> | <b>37159.89</b> | <b>7858.937</b> | <b>3582.557</b> |
| Stddev    | 6.350           | 9.109           | 96.69           | 7.816           | 8.996           |
| %RSD      | .4049536        | .2903503        | .2601976        | .0994595        | .2511172        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1561.850</b> | <b>3134.657</b> | <b>37048.45</b> | <b>7865.383</b> | <b>3579.060</b> |
| #2 | <b>1567.800</b> | <b>3129.831</b> | <b>37209.85</b> | <b>7850.243</b> | <b>3575.835</b> |
| #3 | <b>1574.541</b> | <b>3147.458</b> | <b>37221.39</b> | <b>7861.184</b> | <b>3592.777</b> |

Sample Name: CCV06      Acquired: 12/07/2019 17:55:29      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 33RD-ST-7TH-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | As1890          | Tl1908          | Pb2203          | Se1960          | Sb2068          | Al3961          | Ba4934          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>5.029593</b> | <b>4.924975</b> | <b>5.078374</b> | <b>5.382637</b> | <b>4.901607</b> | <b>10.28933</b> | <b>10.01441</b> |
| Stddev | .012048         | .009205         | .005316         | .020083         | .000759         | .15313          | .15699          |
| %RSD   | .2395379        | .1869093        | .1046840        | .3731146        | .0154943        | 1.488214        | 1.567670        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.015689 | 4.922605 | 5.081914 | 5.394487 | 4.900857 | 10.11254 | 9.83336  |
| #2 | 5.036156 | 4.917186 | 5.072261 | 5.393976 | 4.902376 | 10.38028 | 10.11278 |
| #3 | 5.036934 | 4.935133 | 5.080948 | 5.359449 | 4.901587 | 10.37516 | 10.09710 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Be2348          | Cd2144          | Ca3736          | Cr2677          | Co2286          | Cu3247          | Fe2598          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>.2517530</b> | <b>2.595457</b> | <b>24.65827</b> | <b>.9996897</b> | <b>2.540876</b> | <b>1.230417</b> | <b>4.892082</b> |
| Stddev | .0051548        | .002660         | .41724          | .0031783        | .002881         | .025725         | .077221         |
| %RSD   | 2.047572        | .1025029        | 1.692076        | .3179299        | .1133968        | 2.090775        | 1.578480        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2480799 | 2.597600 | 24.17827 | .9963806 | 2.544136 | 1.200984 | 4.806009 |
| #2 | .2576458 | 2.596292 | 24.86239 | .9999697 | 2.538672 | 1.241665 | 4.914957 |
| #3 | .2495331 | 2.592479 | 24.93416 | 1.002719 | 2.539819 | 1.248603 | 4.955281 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | Mn2576          | Mg2790          | Ni2316          | Ag3280          | Na8183          | V_2924          | Zn2138          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>2.429379</b> | <b>24.12404</b> | <b>2.412459</b> | <b>1.227249</b> | <b>24.44289</b> | <b>2.439927</b> | <b>2.539601</b> |
| Stddev | .042263         | .39718          | .004777         | .006062         | .30553          | .041420         | .009596         |
| %RSD   | 1.739660        | 1.646415        | .1980120        | .4939438        | 1.249989        | 1.697601        | .3778720        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.381332 | 23.66583 | 2.412434 | 1.221842 | 24.13813 | 2.392591 | 2.529919 |
| #2 | 2.446003 | 24.37015 | 2.407694 | 1.233802 | 24.74919 | 2.469523 | 2.539774 |
| #3 | 2.460802 | 24.33613 | 2.417248 | 1.226104 | 24.44134 | 2.457666 | 2.549109 |

|        |                 |                 |                 |                 |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Elem   | K_7698          | P_1774          | B_2496          | Mo2020          | S_1820          | Si2516          | Sn1899          |
| Units  | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             | ppm             |
| Avg    | <b>24.62458</b> | <b>4.931505</b> | <b>4.950868</b> | <b>5.080735</b> | <b>5.259893</b> | <b>4.682221</b> | <b>5.052942</b> |
| Stddev | .33678          | .014416         | .105928         | .003582         | .014226         | .104212         | .001305         |
| %RSD   | 1.367641        | .2923223        | 2.139582        | .0705105        | .2704522        | 2.225706        | .0258362        |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.23712 | 4.936152 | 4.862948 | 5.084009 | 5.249631 | 4.594086 | 5.053540 |
| #2 | 24.84701 | 4.915339 | 5.068471 | 5.081288 | 5.276132 | 4.797242 | 5.053842 |
| #3 | 24.78962 | 4.943025 | 4.921186 | 5.076908 | 5.253916 | 4.655336 | 5.051445 |

Sample Name: CCV06      Acquired: 12/07/2019 17:55:29      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 33RD-ST-7TH-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>5.080987</b> | <b>4.998734</b> | <b>5.229301</b> |
| Stddev | .074487         | .071602         | .124099         |
| %RSD   | 1.466000        | 1.432403        | 2.373148        |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.994978 | 4.916146 | 5.095542 |
| #2 | 5.123659 | 5.043384 | 5.340701 |
| #3 | 5.124325 | 5.036672 | 5.251659 |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1565.238</b> | <b>3120.644</b> | <b>37258.42</b> | <b>7909.564</b> | <b>3557.065</b> |
| Stddev    | 8.213           | 9.525           | 249.70          | 70.112          | 10.471          |
| %RSD      | .5247386        | .3052128        | .6701867        | .8864160        | .2943718        |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1556.625 | 3113.416 | 37000.66 | 7944.503 | 3550.337 |
| #2 | 1572.983 | 3117.080 | 37499.19 | 7828.848 | 3551.729 |
| #3 | 1566.106 | 3131.437 | 37275.40 | 7955.341 | 3569.129 |

Sample Name: CCB06      Acquired: 12/07/2019 17:59:07      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 33RD-ST-7TH-      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006737 | -.000113 | .0000757 | .0018384 | -.001710 | .0053444 | -.001524 |
| Stddev | .0016770 | .002065  | .0010752 | .0029206 | .000708  | .0026630 | .000582  |
| %RSD   | 248.9120 | 1832.502 | 1419.912 | 158.8650 | 41.41777 | 49.82872 | 38.22666 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001170 | -.000784 | .0004955 | .0030860 | -.002317 | .0067694 | -.001065 |
| #2 | .002109  | -.001759 | -.001146 | .0039279 | -.001882 | .0069917 | -.001327 |
| #3 | .001082  | .002205  | .000878  | -.001499 | -.000932 | .0022720 | -.002179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000095 | .0000151 | .0140440 | .0008390 | .0000923 | .0026853 | -.004022 |
| Stddev | .000037  | .0000785 | .0110324 | .0002520 | .0004017 | .0012349 | .004208  |
| %RSD   | 39.47632 | 518.4132 | 78.55597 | 30.03489 | 435.1669 | 45.98622 | 104.6218 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000137 | -.000072 | .0209018 | .0007163 | .0004064 | .0020204 | -.002629 |
| #2 | -.000080 | .000080  | .0199125 | .0011289 | -.000360 | .0019253 | -.008750 |
| #3 | -.000067 | .000037  | .0013177 | .0006719 | .000231  | .0041101 | -.000687 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004364 | .0071370 | .0002345 | .0008196 | -.021994 | .0001153 | -.000016 |
| Stddev | .0001062 | .0168687 | .0002951 | .0001273 | .242655  | .0022708 | .000507  |
| %RSD   | 24.32450 | 236.3549 | 125.8693 | 15.53465 | 1103.271 | 1969.702 | 3073.253 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0005105 | -.008494 | -.000017 | .0009666 | -.116246 | -.001457 | .000331  |
| #2 | .0004839 | .025018  | .000161  | .0007425 | -.203383 | .002719  | .000218  |
| #3 | .0003148 | .004887  | .000559  | .0007497 | .253647  | -.000916 | -.000598 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1767693 | -.001224 | .0062788 | .0006651 | -.002038 | -.013511 | -.001938 |
| Stddev | .0413658 | .001732  | .0010164 | .0004071 | .005883  | .001165  | .000524  |
| %RSD   | 23.40101 | 141.5195 | 16.18801 | 61.20983 | 288.5807 | 8.623774 | 27.02503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1341247 | -.001032 | .0054476 | .0010113 | .000441  | -.013598 | -.001340 |
| #2 | .2167251 | -.003043 | .0074120 | .0007674 | -.008755 | -.012305 | -.002158 |
| #3 | .1794581 | .000405  | .0059767 | .0002166 | .002198  | -.014630 | -.002316 |

Sample Name: CCB06      Acquired: 12/07/2019 17:59:07      Type: Unk  
Method: NON EPA-6010-200.7(v189)      Mode: CONC      Corr. Factor: 1.000000  
User: BIN      Custom ID1: 33RD-ST-7TH-      Custom ID2:      Custom ID3:  
Comment:

|        |                 |                 |                 |
|--------|-----------------|-----------------|-----------------|
| Elem   | Ti3361          | Li6707          | Sr4077          |
| Units  | ppm             | ppm             | ppm             |
| Avg    | <b>-.001135</b> | <b>-.002524</b> | <b>.0000806</b> |
| Stddev | .000385         | .000699         | .0000942        |
| %RSD   | 33.95480        | 27.69677        | 116.8758        |

|    |                 |                 |                 |
|----|-----------------|-----------------|-----------------|
| #1 | <b>-.000690</b> | <b>-.002522</b> | <b>.0001821</b> |
| #2 | <b>-.001349</b> | <b>-.003224</b> | <b>.0000640</b> |
| #3 | <b>-.001365</b> | <b>-.001826</b> | <b>-.000004</b> |

|           |                 |                 |                 |                 |                 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Int. Std. | Y_2243          | Y_2243          | Y_3600          | Y_3710          | In2306          |
| Units     | Cts/S           | Cts/S           | Cts/S           | Cts/S           | Cts/S           |
| Avg       | <b>1586.640</b> | <b>3165.046</b> | <b>37492.76</b> | <b>7718.980</b> | <b>3633.825</b> |
| Stddev    | 11.510          | 6.174           | 109.57          | 202.504         | 7.384           |
| %RSD      | .7254630        | .1950703        | .2922367        | 2.623454        | .2031944        |

|    |                 |                 |                 |                 |                 |
|----|-----------------|-----------------|-----------------|-----------------|-----------------|
| #1 | <b>1573.857</b> | <b>3167.966</b> | <b>37366.24</b> | <b>7841.653</b> | <b>3637.349</b> |
| #2 | <b>1589.878</b> | <b>3169.219</b> | <b>37556.08</b> | <b>7485.245</b> | <b>3638.786</b> |
| #3 | <b>1596.184</b> | <b>3157.954</b> | <b>37555.95</b> | <b>7830.043</b> | <b>3625.340</b> |