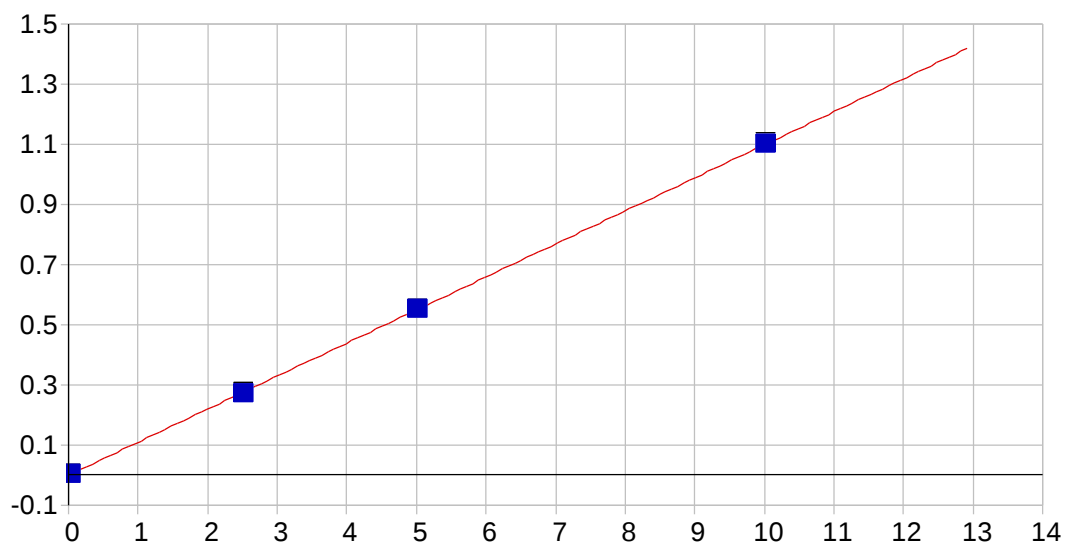




As 189.042 {478}

Date of Fit: 9/13/2018 12:36:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000146

Re-Slope: 1.000000

A1 (Gain): 0.109819

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

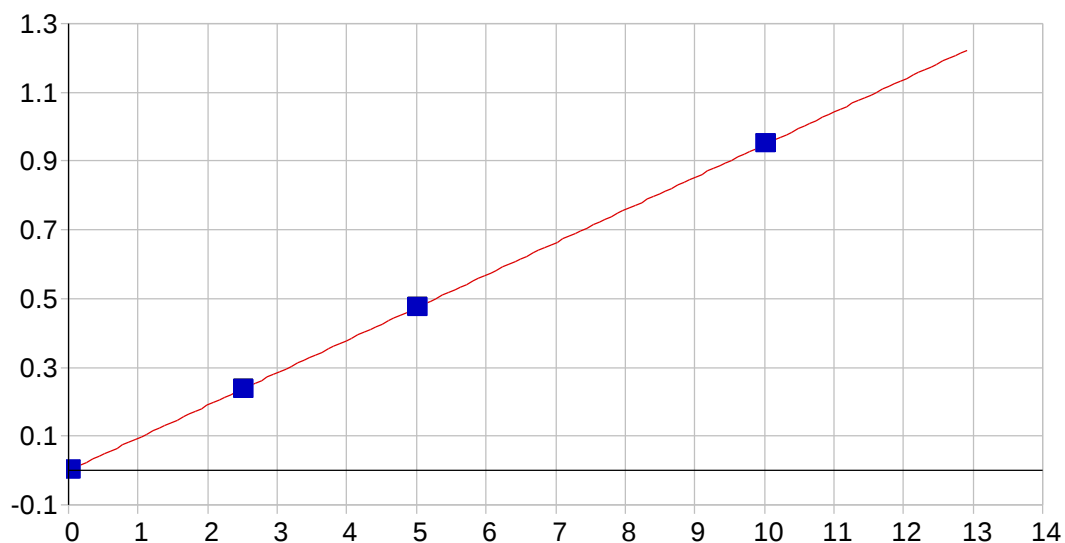
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.003245

Predicted MQL: 0.010817

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00015 | .000    | 1        |
| S1        | .02000       | .01980      | .000       | -.992   | .00232 | .000    | 1        |
| S3        | 2.5000       | 2.4733      | -.027      | -1.07   | .27174 | .001    | 1        |
| S4        | 5.0000       | 5.0110      | .011       | .219    | .55041 | .002    | 1        |
| S5        | 10.000       | 10.016      | .016       | .160    | 1.1000 | .005    | 1        |



As 189.042 {479}

Date of Fit: 9/13/2018 12:36:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000323

Re-Slope: 1.000000

A1 (Gain): 0.094771

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999990

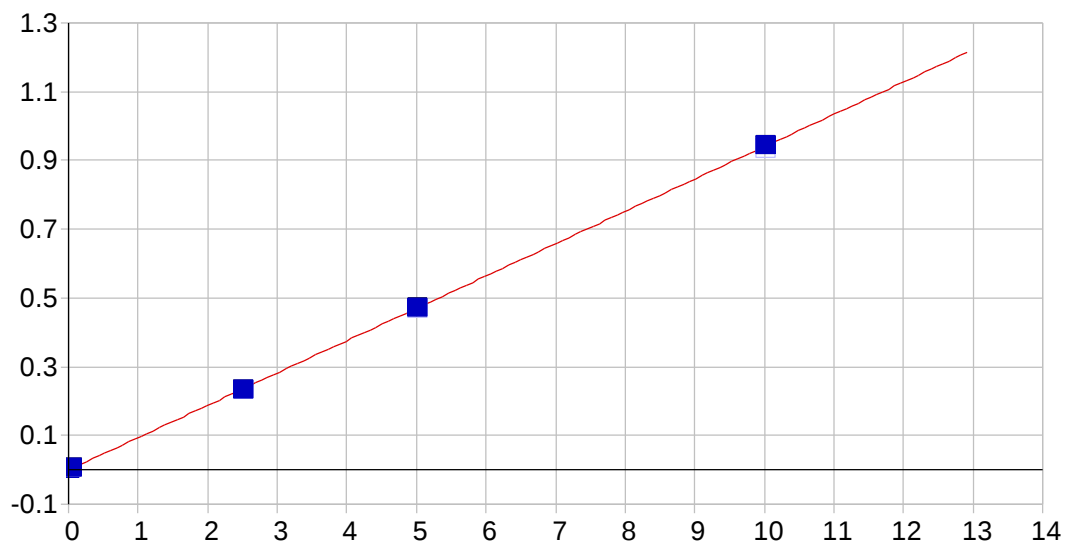
Status: OK.

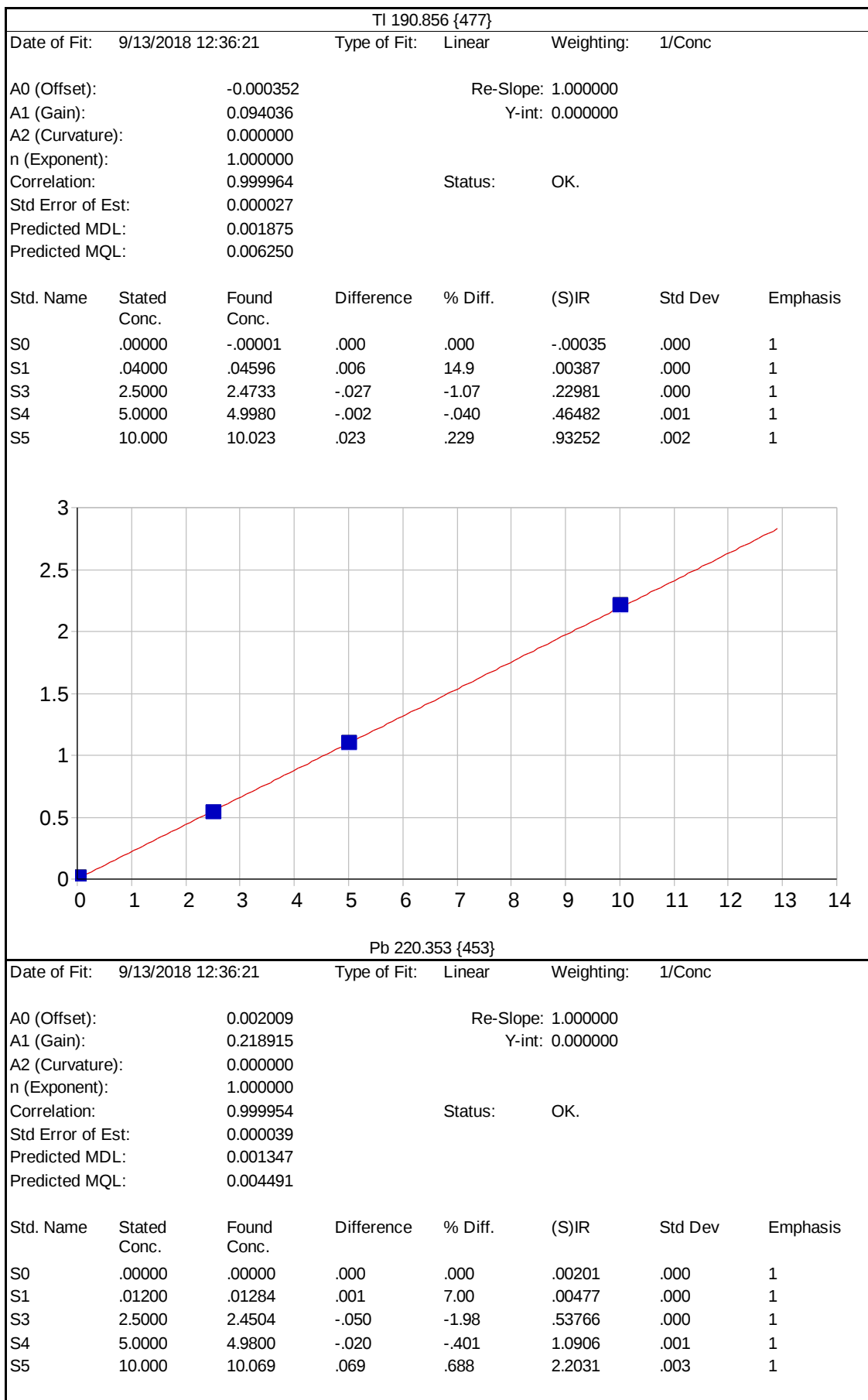
Std Error of Est: 0.000010

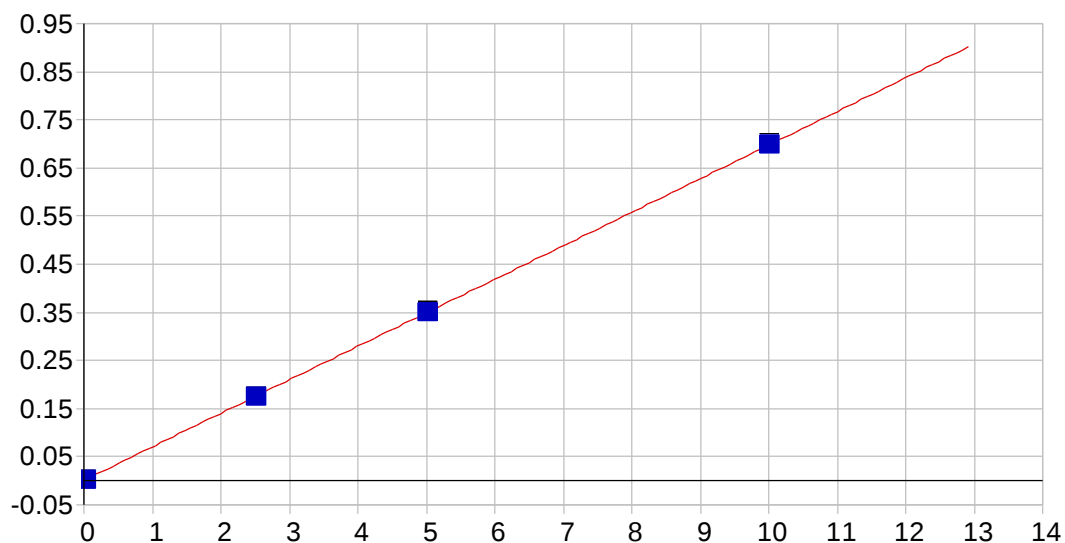
Predicted MDL: 0.002764

Predicted MQL: 0.009213

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00032 | .000    | 1        |
| S1        | .02000       | .02184      | .002       | 9.21    | .00175  | .000    | 1        |
| S3        | 2.5000       | 2.4802      | -.020      | -.793   | .23471  | .000    | 1        |
| S4        | 5.0000       | 5.0030      | .003       | .059    | .47378  | .001    | 1        |
| S5        | 10.000       | 10.015      | .015       | .150    | .94874  | .003    | 1        |





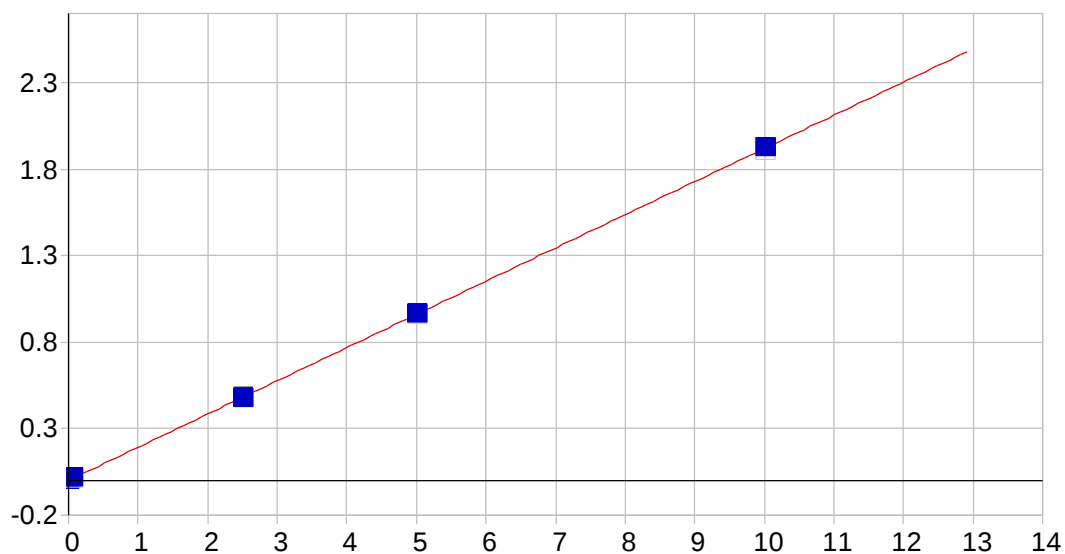


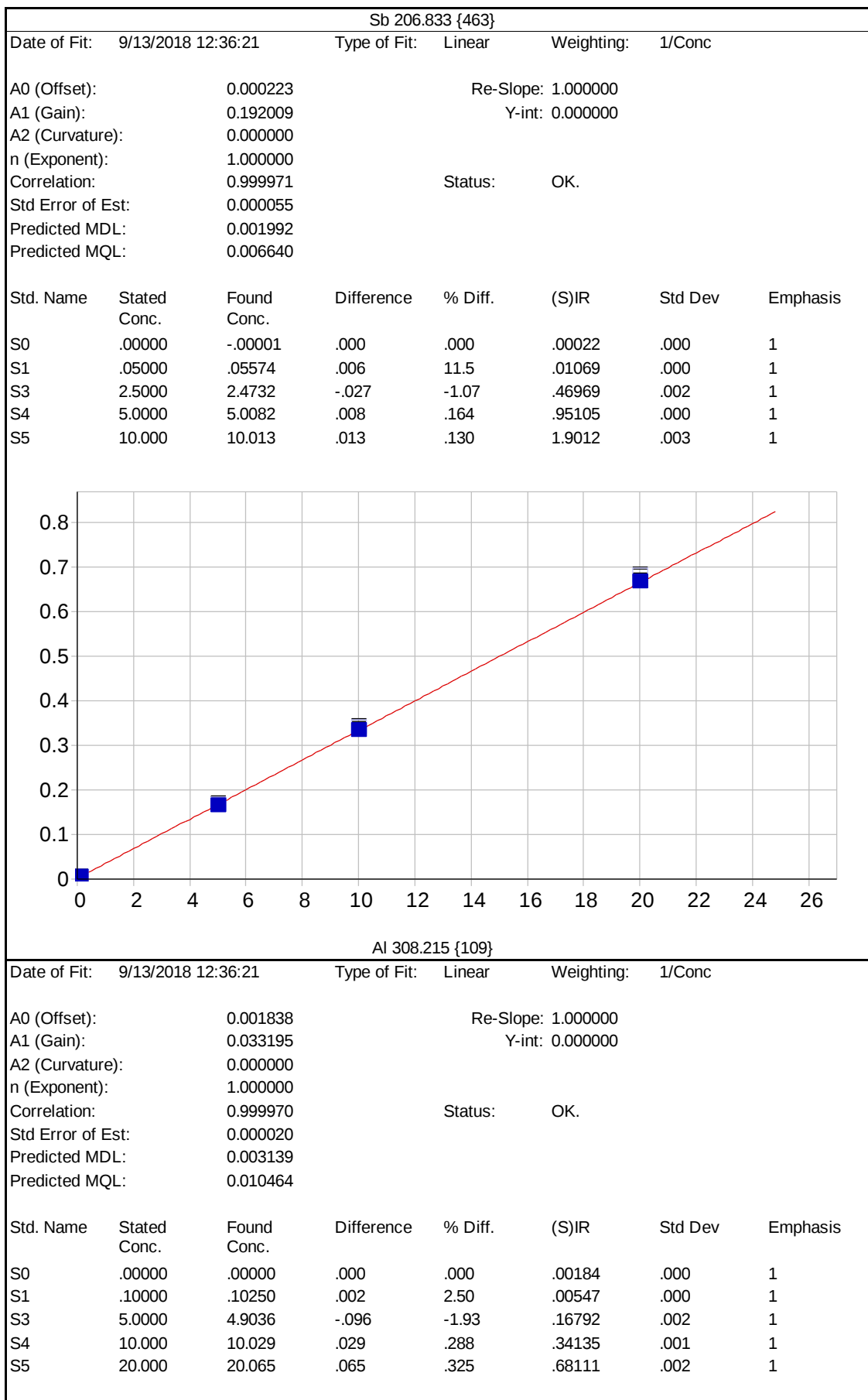
Se 196.090 {472}

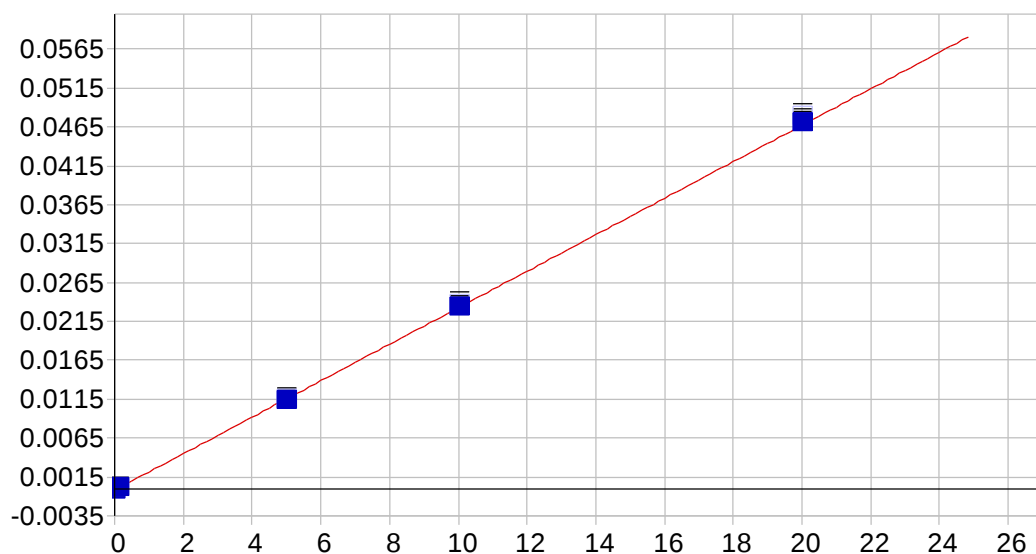
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000090 Re-Slope: 1.000000  
 A1 (Gain): 0.070473 Y-int: 0.000000  
 A2 (Curvature): 0.000089  
 n (Exponent): 0.990000  
 Correlation: 0.999994 Status: Warning Positive Curvature  
 Std Error of Est: 0.000010  
 Predicted MDL: 0.004038  
 Predicted MQL: 0.013462

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .02000       | .02112      | .001       | 5.62    | .00164 | .000    | 1        |
| S3        | 2.5000       | 2.4868      | -.013      | -.530   | .17430 | .000    | 1        |
| S4        | 5.0000       | 5.0176      | .018       | .351    | .35023 | .001    | 1        |
| S5        | 10.000       | 9.9945      | -.005      | -.055   | .69695 | .003    | 1        |



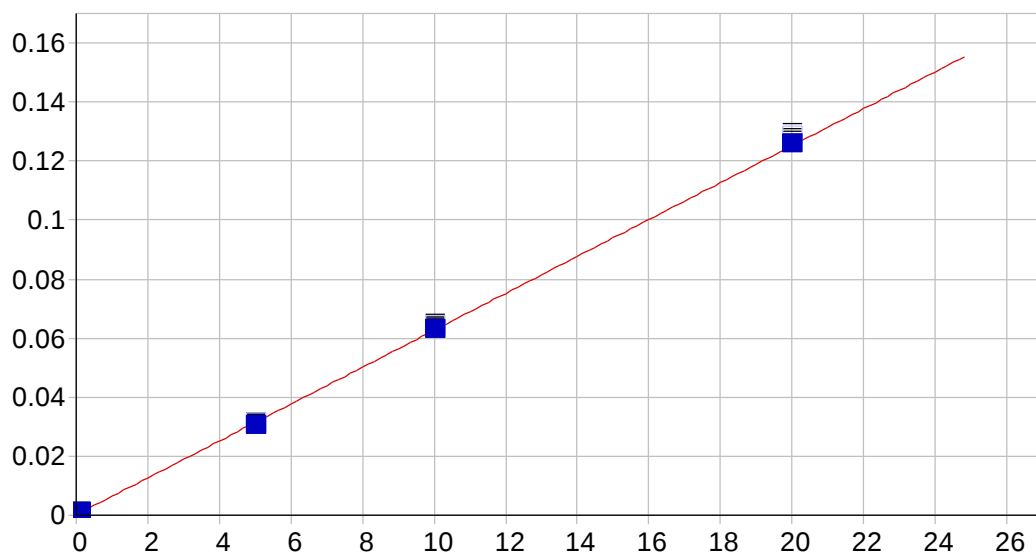


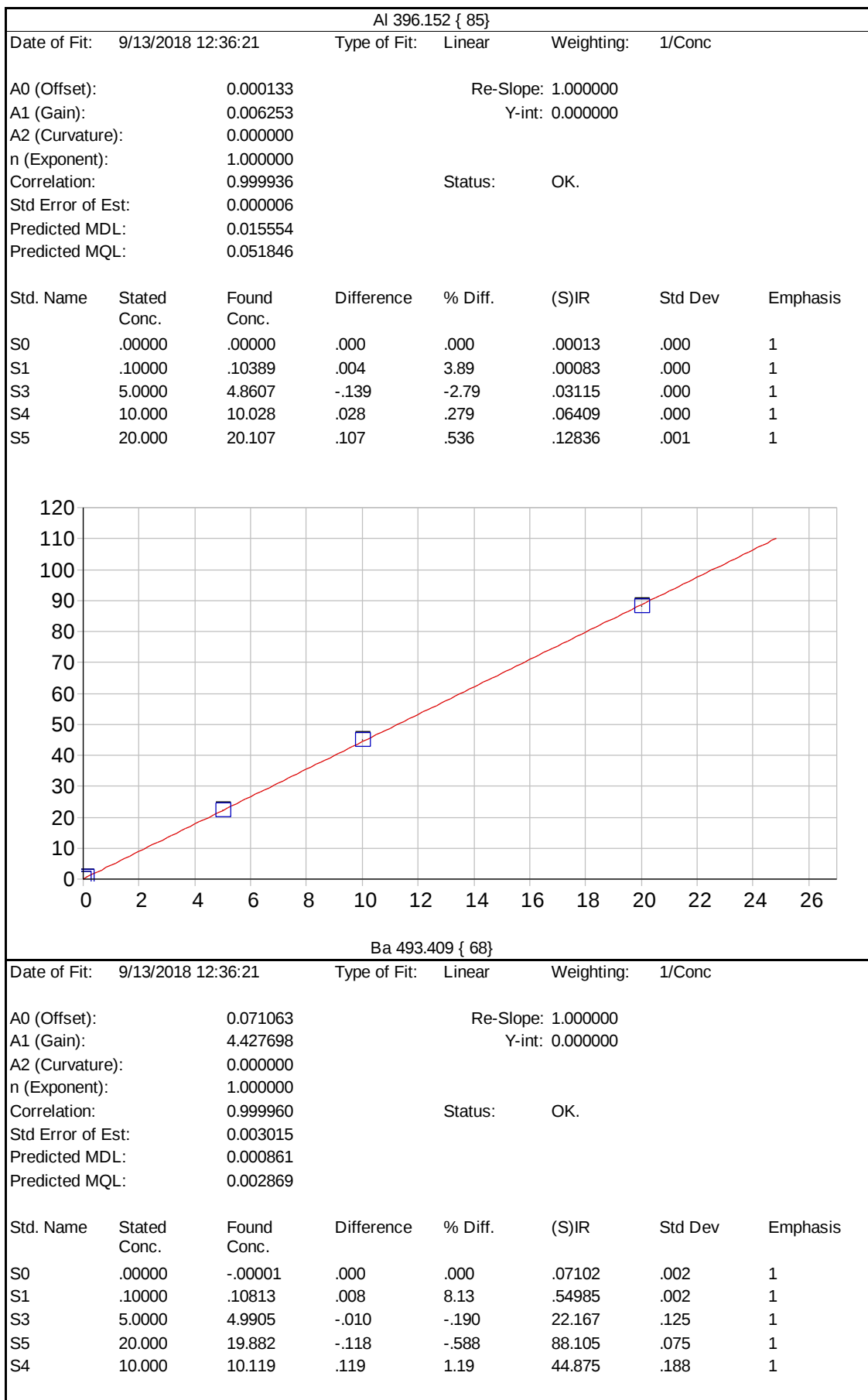


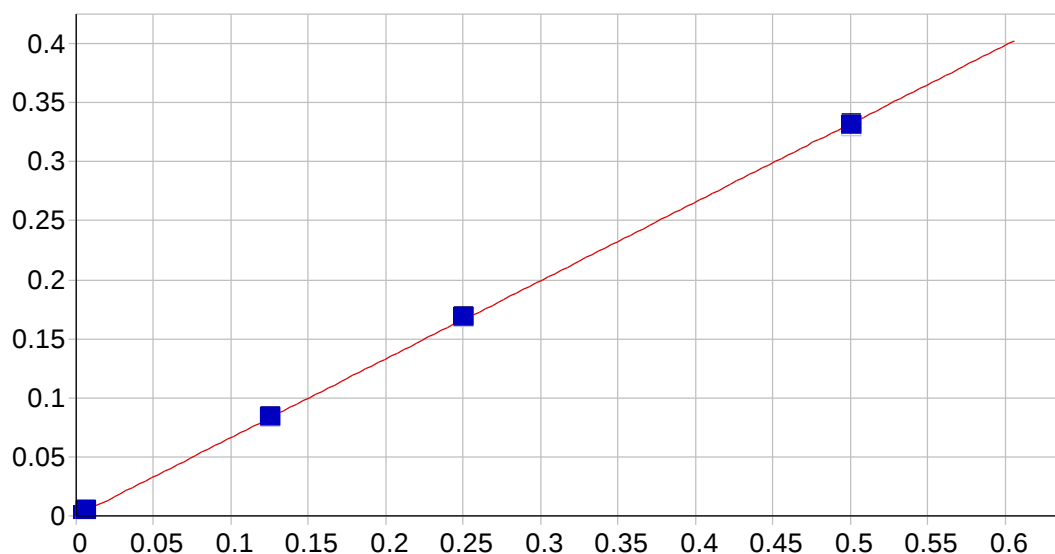
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000201 Re-Slope: 1.000000  
 A1 (Gain): 0.002345 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999920 Status: OK.  
 Std Error of Est: 0.000002  
 Predicted MDL: 0.028788  
 Predicted MQL: 0.095961

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00020 | .000    | 1        |
| S1        | .10000       | .11673      | .017       | 16.7    | .00009  | .000    | 1        |
| S3        | 5.0000       | 4.8871      | -.113      | -2.26   | .01150  | .000    | 1        |
| S4        | 10.000       | 9.9976      | -.002      | -.024   | .02372  | .000    | 1        |
| S5        | 20.000       | 20.098      | .098       | .489    | .04787  | .000    | 1        |





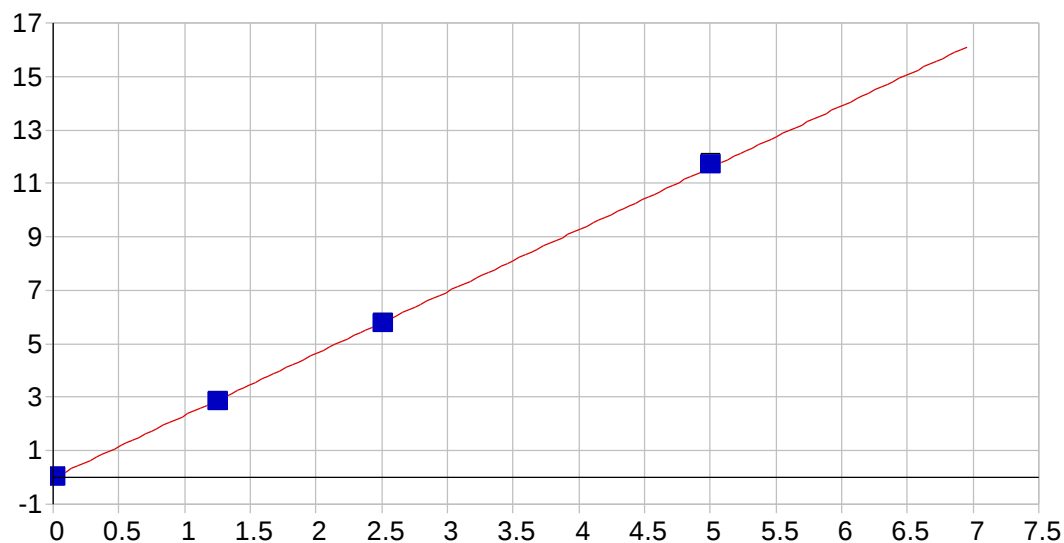


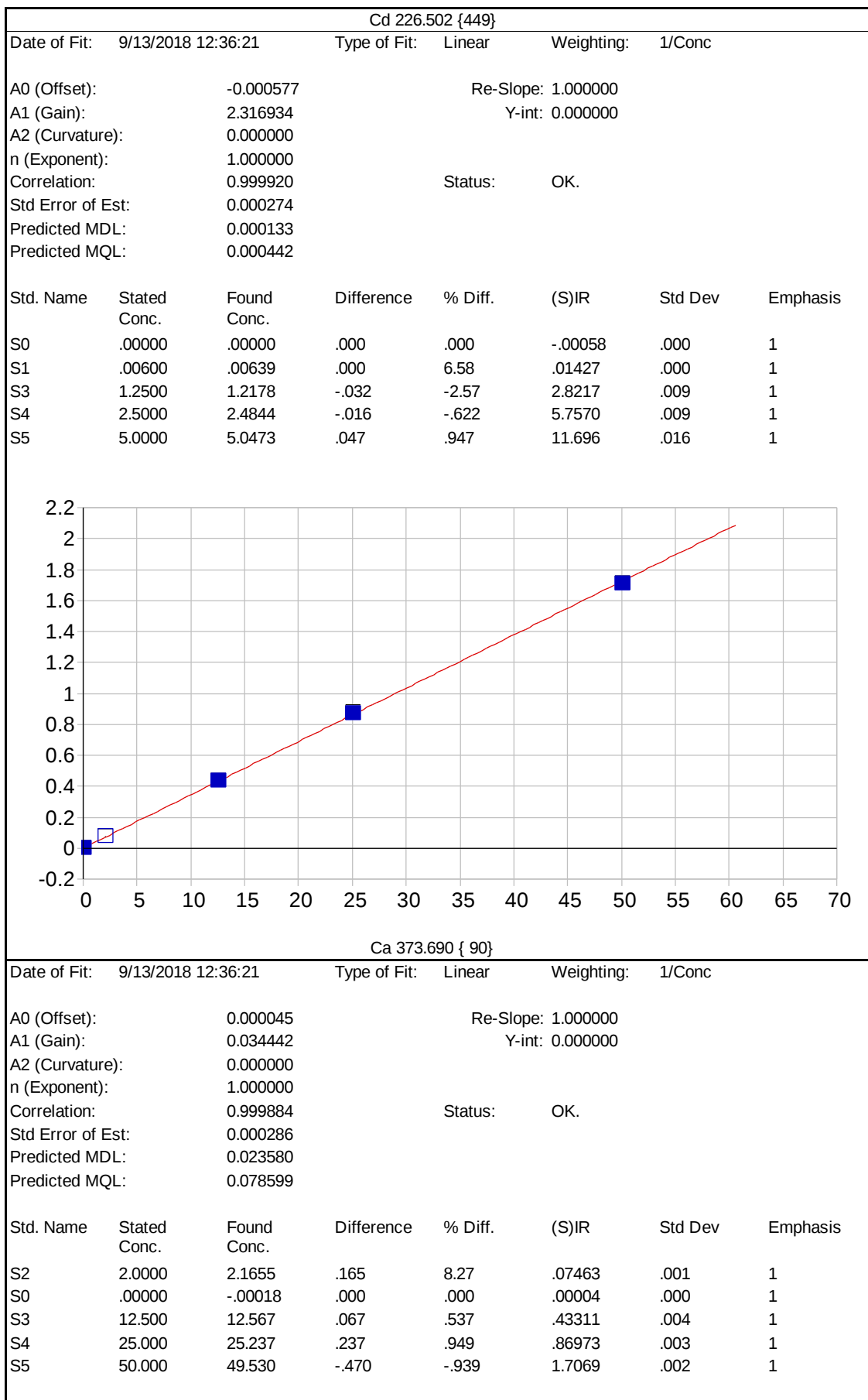
Be 234.861 {144}

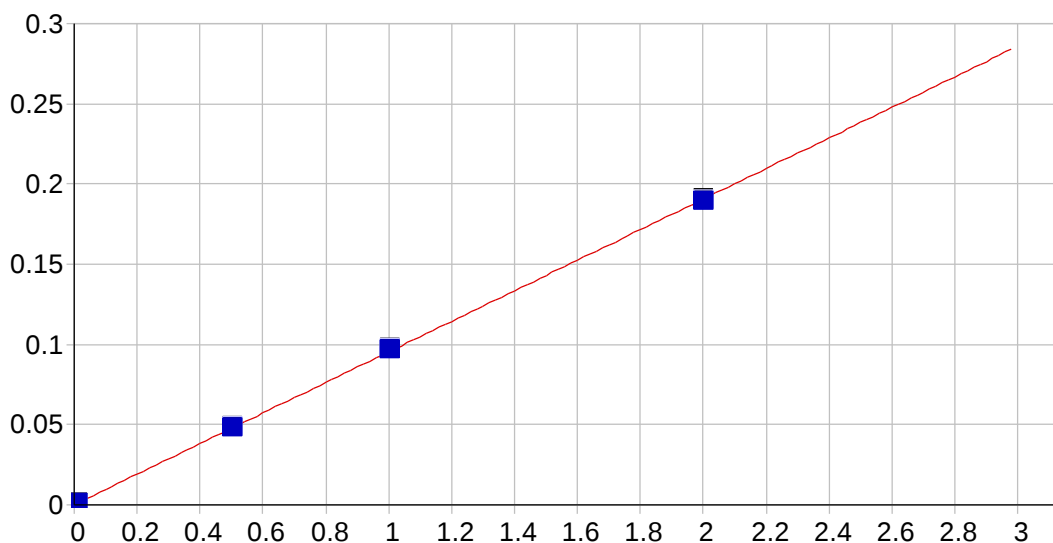
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000044 Re-Slope: 1.000000  
 A1 (Gain): 0.664140 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999969 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.000083  
 Predicted MQL: 0.000278

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .00600       | .00622      | .000       | 3.64    | .00413 | .000    | 1        |
| S3        | .12500       | .12488      | .000       | -.095   | .08246 | .000    | 1        |
| S4        | .25000       | .25274      | .003       | 1.10    | .16686 | .000    | 1        |
| S5        | .50000       | .49716      | -.003      | -.569   | .32814 | .001    | 1        |





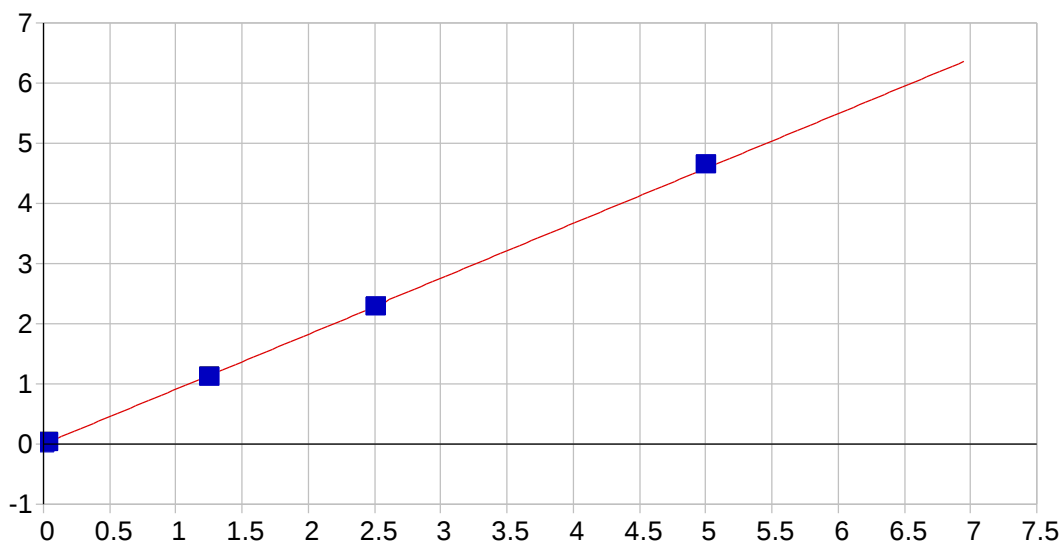


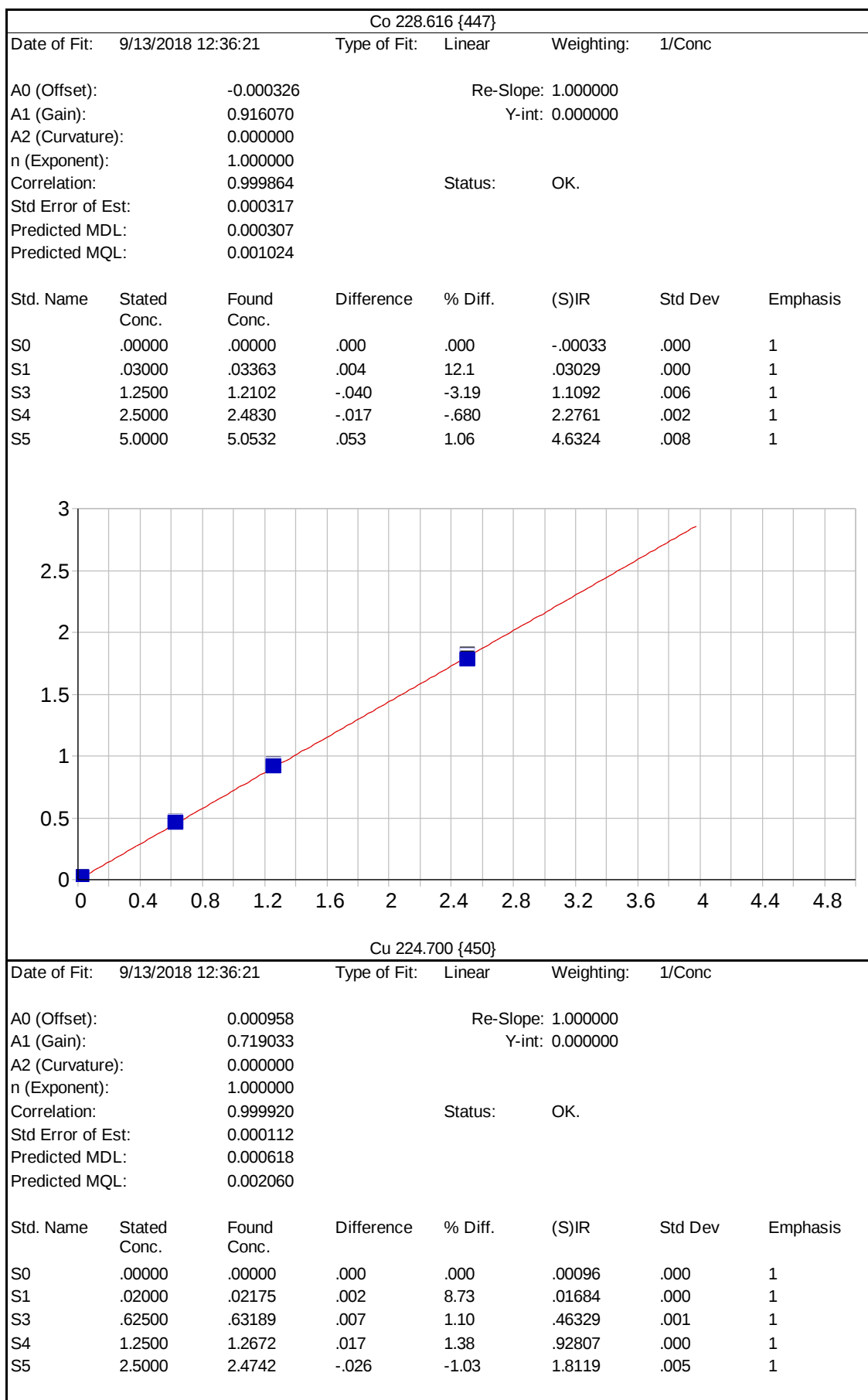
Cr 267.716 {126}

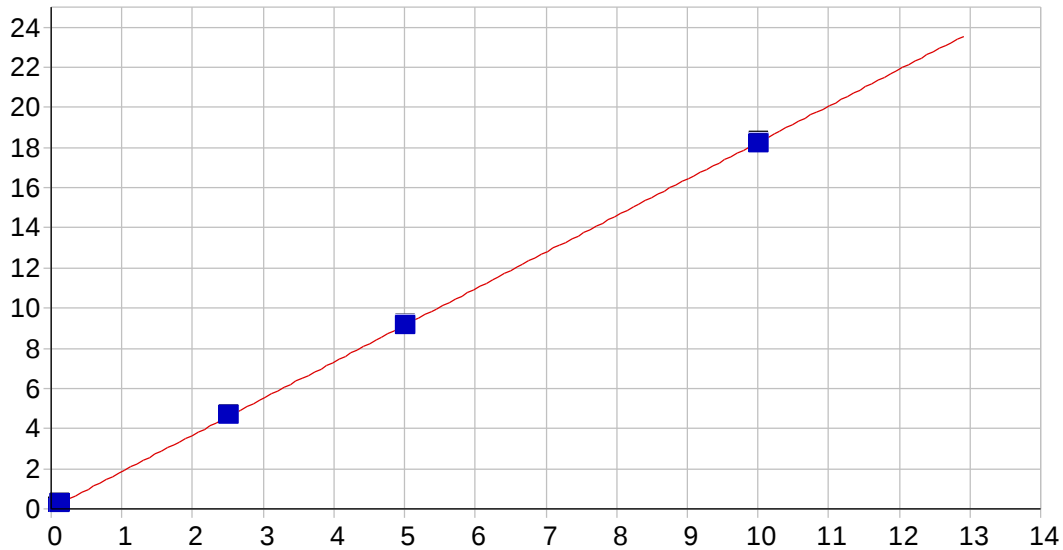
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000068 Re-Slope: 1.000000  
 A1 (Gain): 0.095267 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.000009  
 Predicted MDL: 0.000672  
 Predicted MQL: 0.002241

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00007 | .000    | 1        |
| S1        | .01000       | .01073      | .001       | 7.30    | .00110 | .000    | 1        |
| S3        | .50000       | .50386      | .004       | .772    | .04842 | .000    | 1        |
| S4        | 1.0000       | 1.0154      | .015       | 1.54    | .09751 | .000    | 1        |
| S5        | 2.0000       | 1.9800      | -.020      | -9.99   | .19012 | .001    | 1        |







Fe 240.488 {140}

Date of Fit: 9/13/2018 12:36:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.029969

Re-Slope: 1.000000

A1 (Gain): 1.822103

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999896

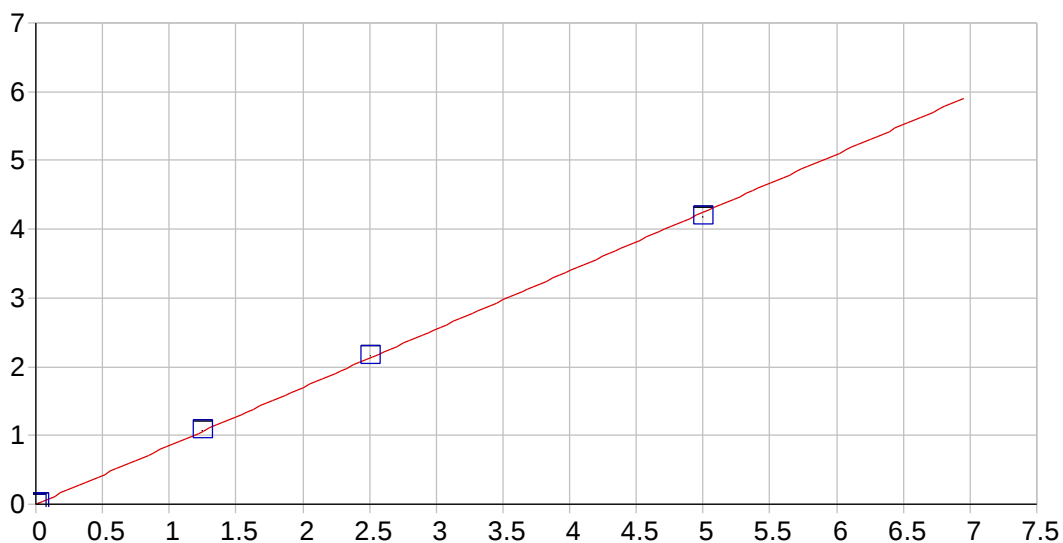
Status: OK.

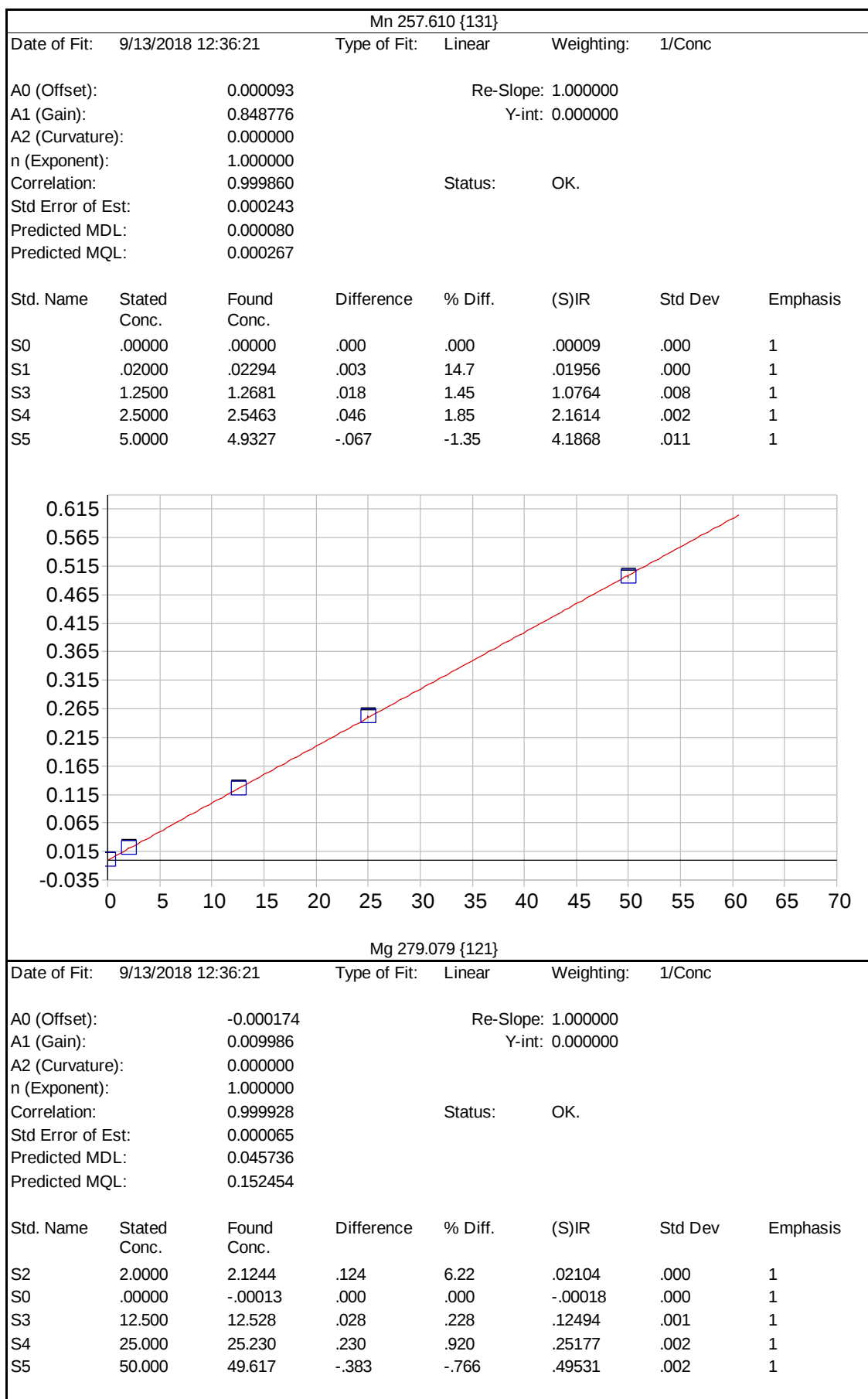
Std Error of Est: 0.001433

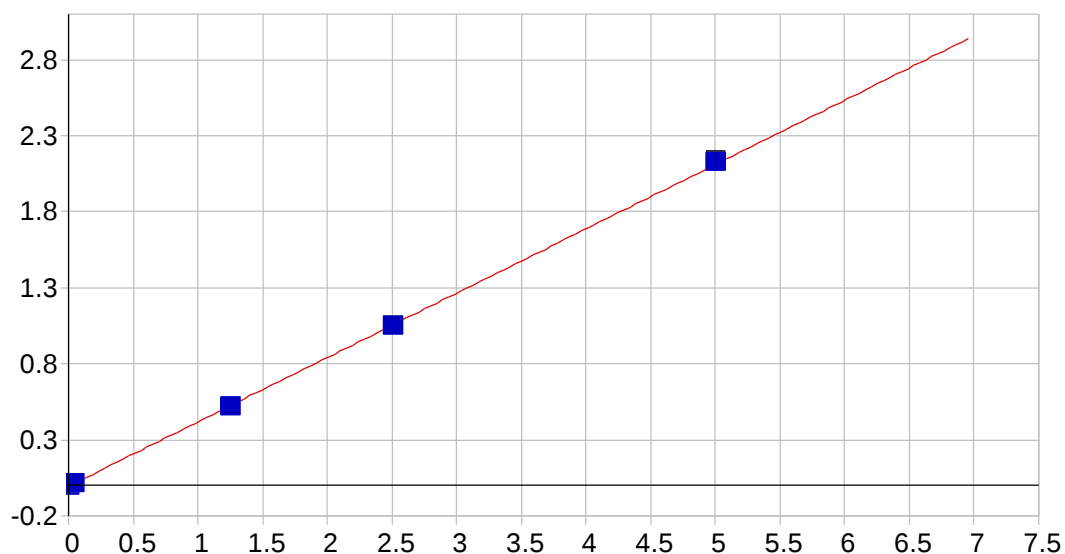
Predicted MDL: 0.007526

Predicted MQL: 0.025085

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00002     | .000       | .000    | .02994 | .015    | 1        |
| S1        | .10000       | .11750      | .017       | 17.5    | .24495 | .004    | 1        |
| S3        | 2.5000       | 2.5340      | .034       | 1.36    | 4.6701 | .004    | 1        |
| S4        | 5.0000       | 4.9886      | -.011      | -.229   | 9.1654 | .046    | 1        |
| S5        | 10.000       | 9.9599      | -.040      | -.401   | 18.270 | .005    | 1        |





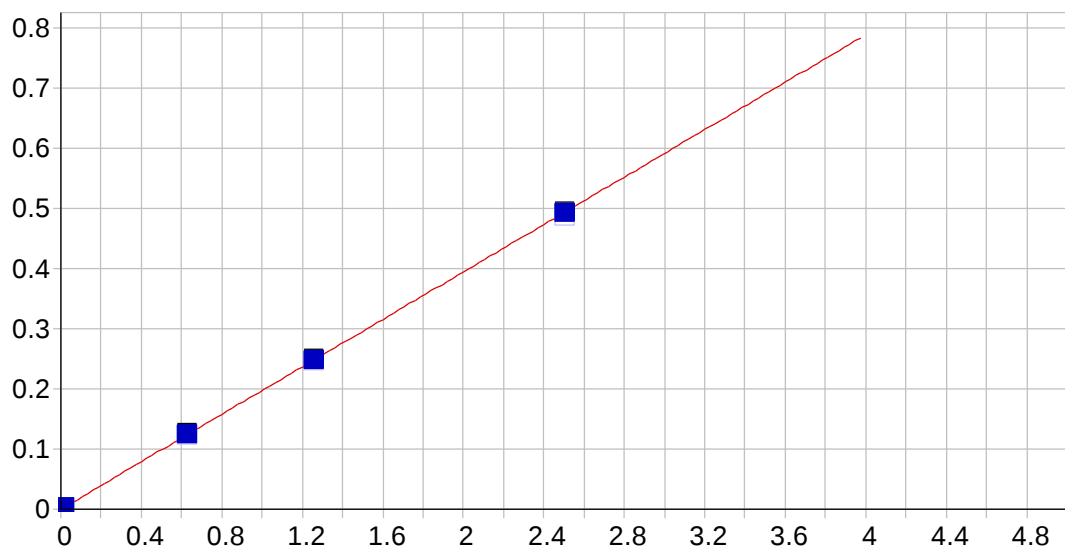


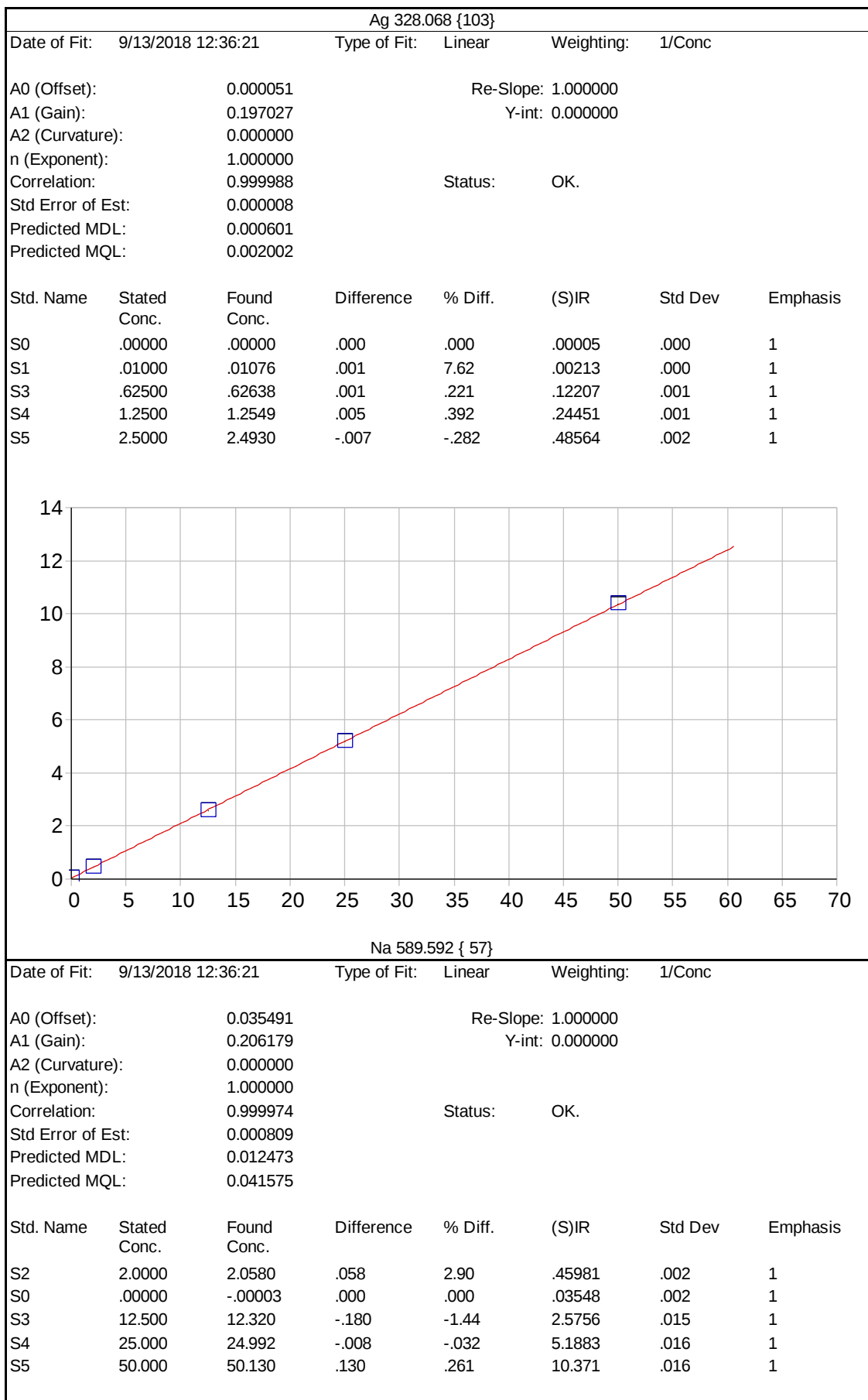
Ni 231.604 {445}

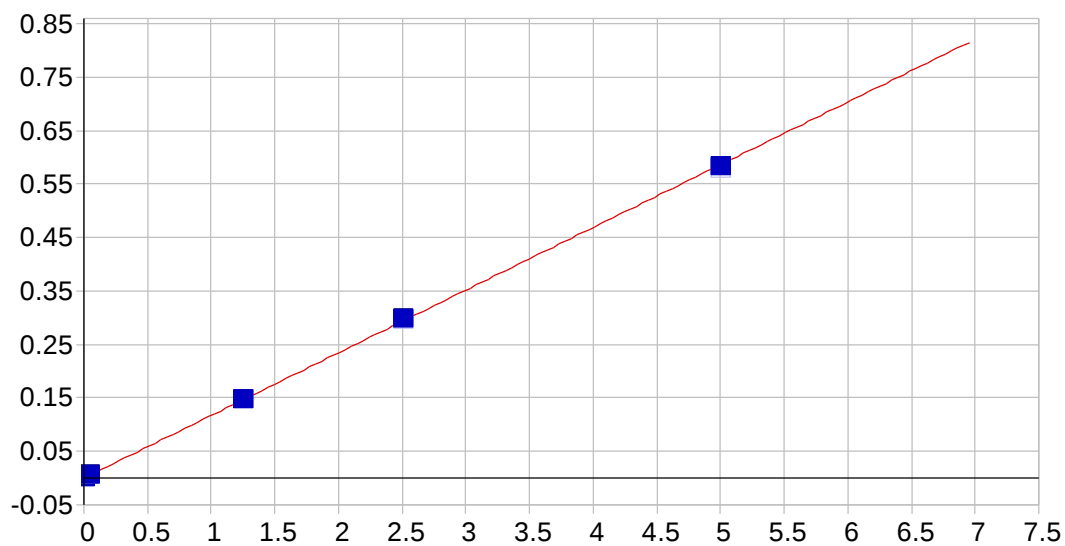
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005480 Re-Slope: 1.000000  
 A1 (Gain): 0.423293 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999927 Status: OK.  
 Std Error of Est: 0.000124  
 Predicted MDL: 0.000632  
 Predicted MQL: 0.002107

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00548 | .000    | 1        |
| S1        | .04000       | .04436      | .004       | 10.9    | .01331  | .000    | 1        |
| S3        | 1.2500       | 1.2235      | -.026      | -2.12   | .51301  | .002    | 1        |
| S4        | 2.5000       | 2.4896      | -.010      | -.418   | 1.0495  | .000    | 1        |
| S5        | 5.0000       | 5.0326      | .033       | .651    | 2.1271  | .008    | 1        |





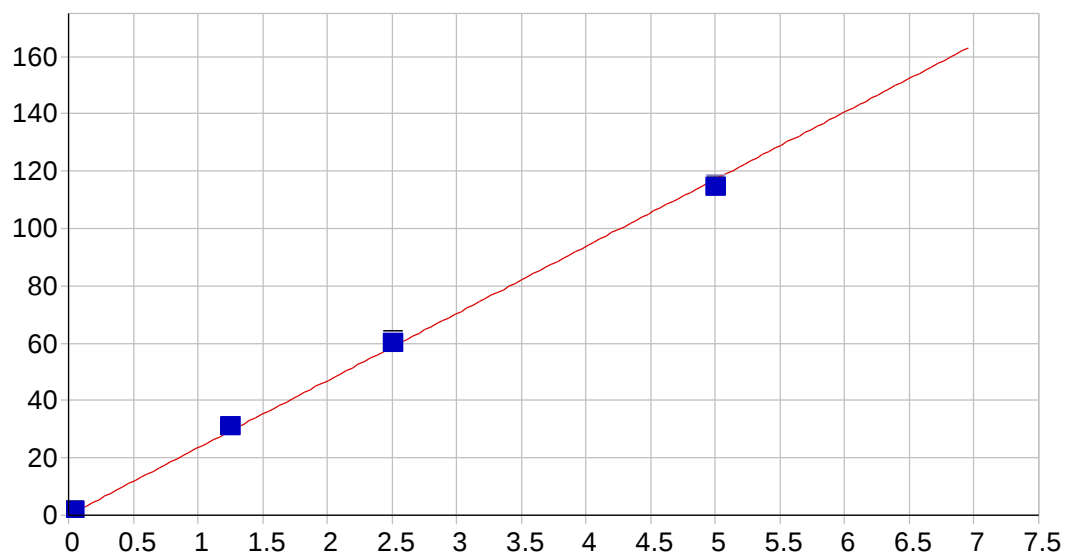


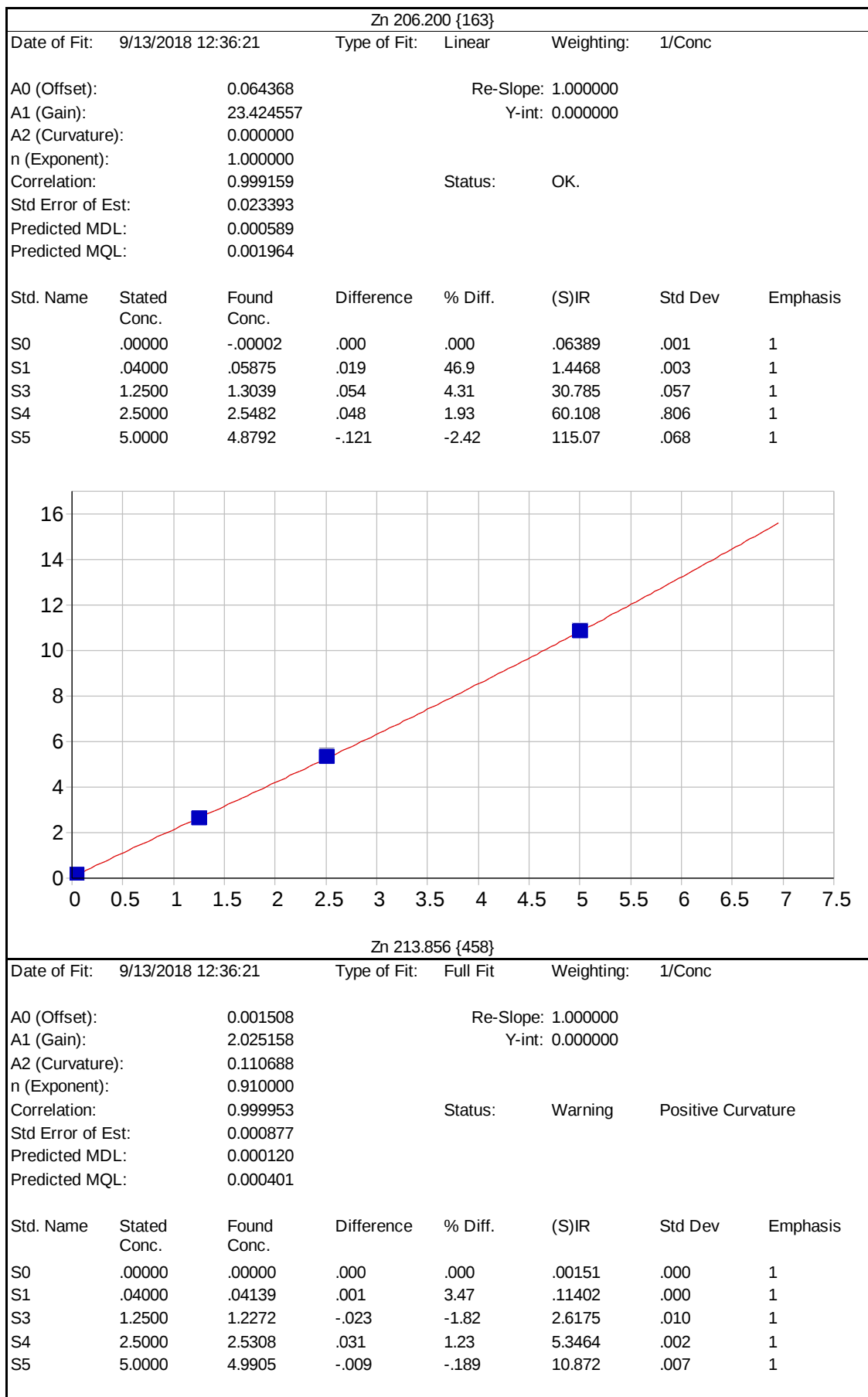
V 292.402 {115}

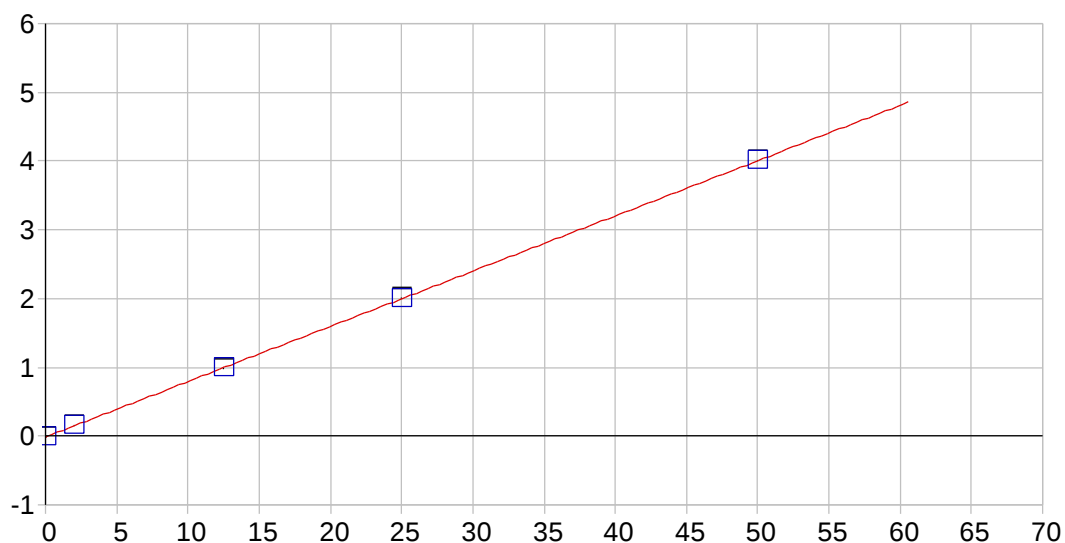
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000115 Re-Slope: 1.000000  
 A1 (Gain): 0.117283 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999924 Status: OK.  
 Std Error of Est: 0.000035  
 Predicted MDL: 0.000673  
 Predicted MQL: 0.002244

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00012 | .000    | 1        |
| S1        | .04000       | .04564      | .006       | 14.1    | .00517  | .000    | 1        |
| S3        | 1.2500       | 1.2525      | .003       | .200    | .14582  | .001    | 1        |
| S4        | 2.5000       | 2.5262      | .026       | 1.05    | .29425  | .001    | 1        |
| S5        | 5.0000       | 4.9657      | -.034      | -.687   | .57844  | .001    | 1        |





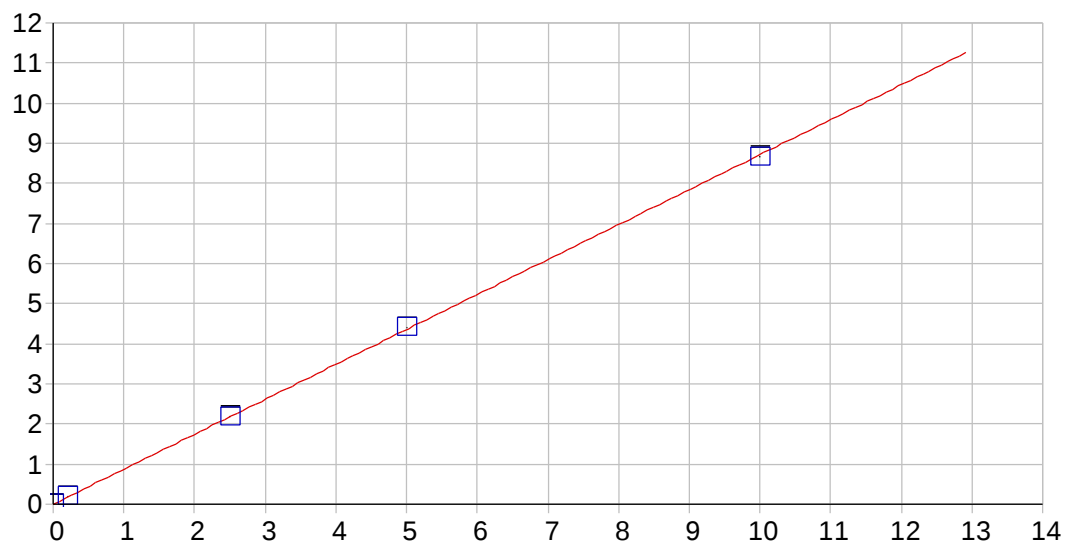


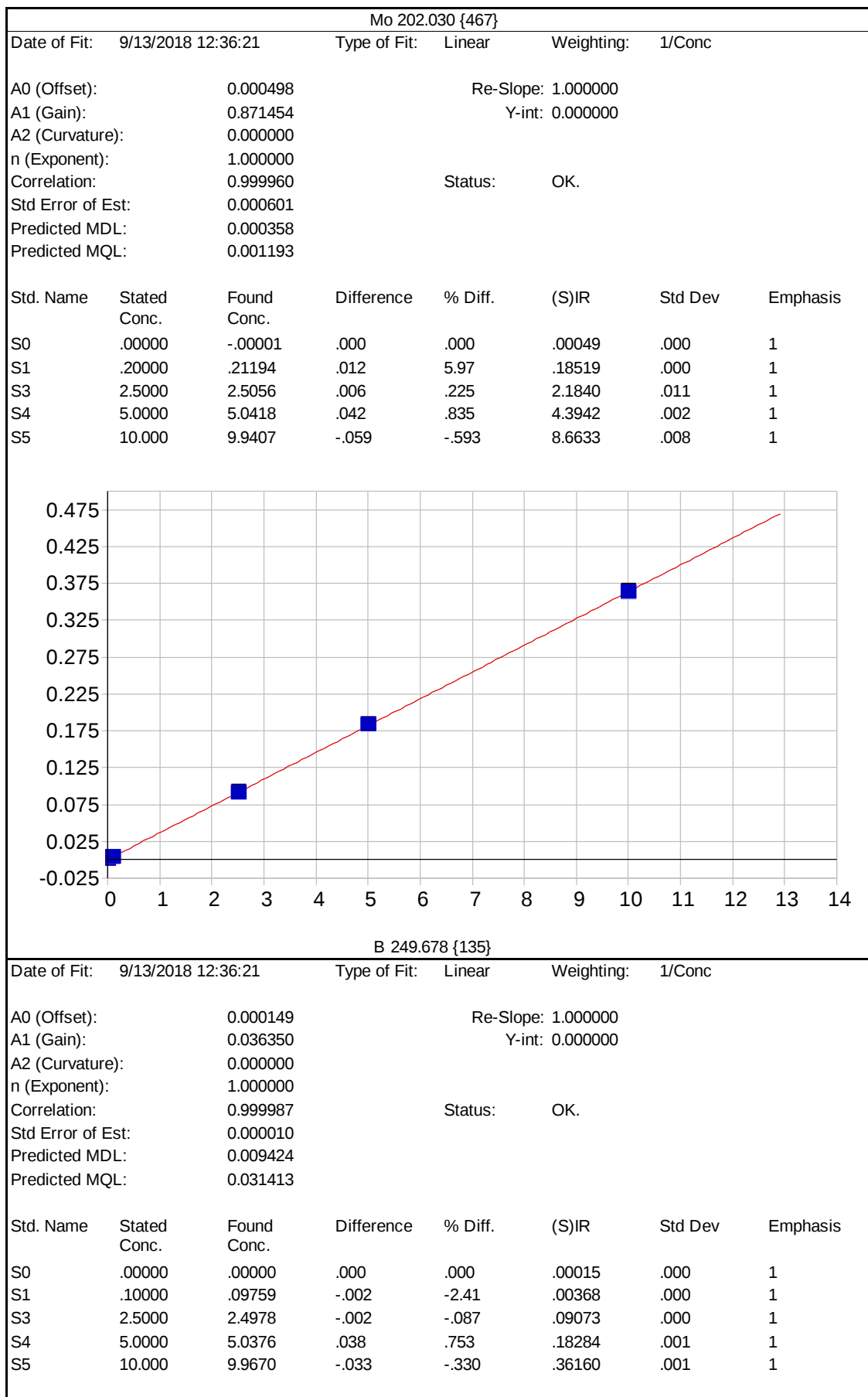
K 766.490 { 44}

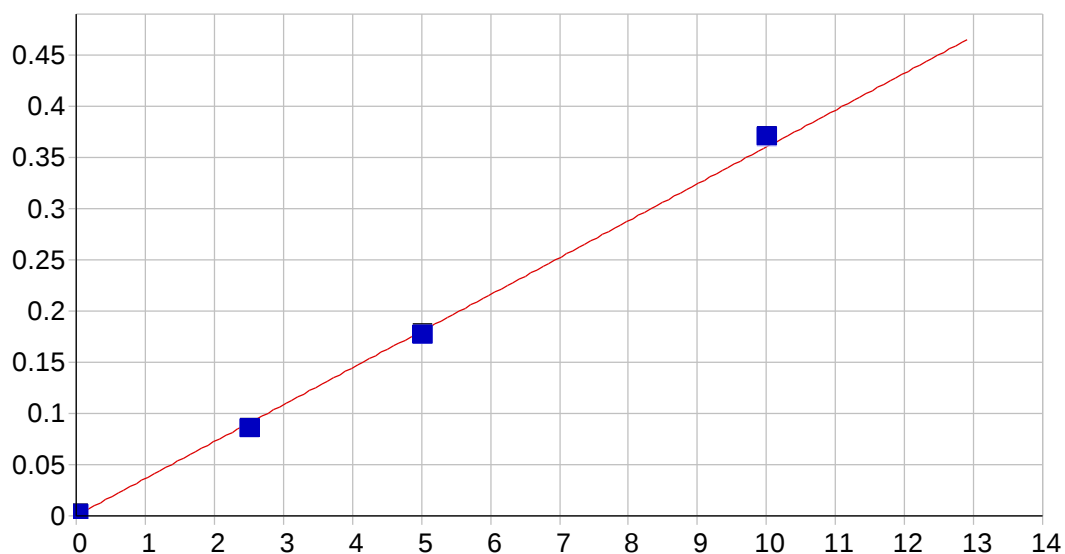
Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.010318 Re-Slope: 1.000000  
 A1 (Gain): 0.080326 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999981 Status: OK.  
 Std Error of Est: 0.000269  
 Predicted MDL: 0.040253  
 Predicted MQL: 0.134175

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0578      | .058       | 2.89    | .15497  | .004    | 1        |
| S0        | .00000       | -.00004     | .000       | .000    | -.01032 | .003    | 1        |
| S3        | 12.500       | 12.370      | -.130      | -1.04   | .98333  | .004    | 1        |
| S4        | 25.000       | 25.093      | .093       | .373    | 2.0053  | .005    | 1        |
| S5        | 50.000       | 49.979      | -.021      | -.042   | 4.0043  | .002    | 1        |







S 182.034 {485}

Date of Fit: 9/13/2018 12:36:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000289

Re-Slope: 1.000000

A1 (Gain): 0.035997

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999481

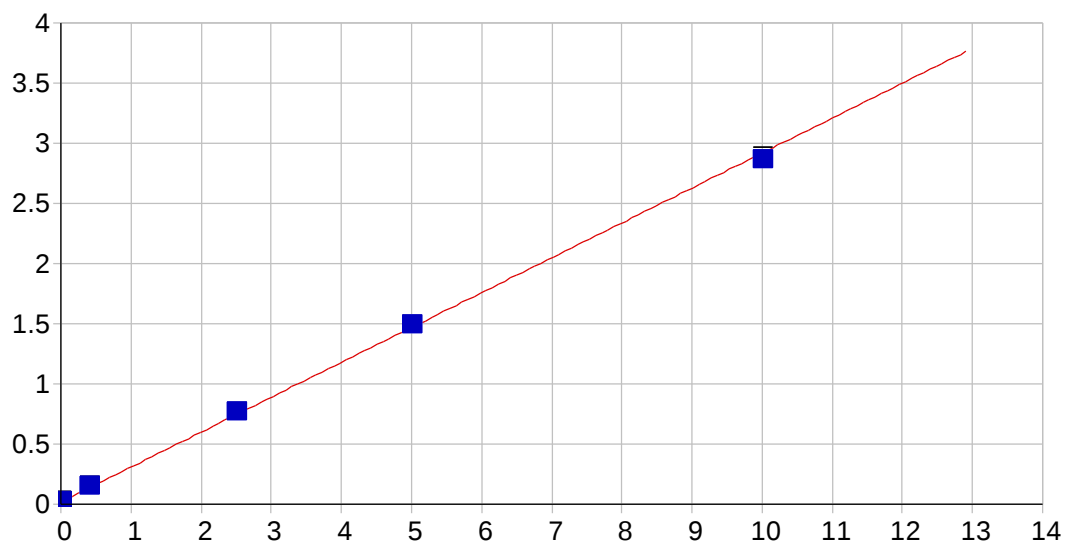
Status: OK.

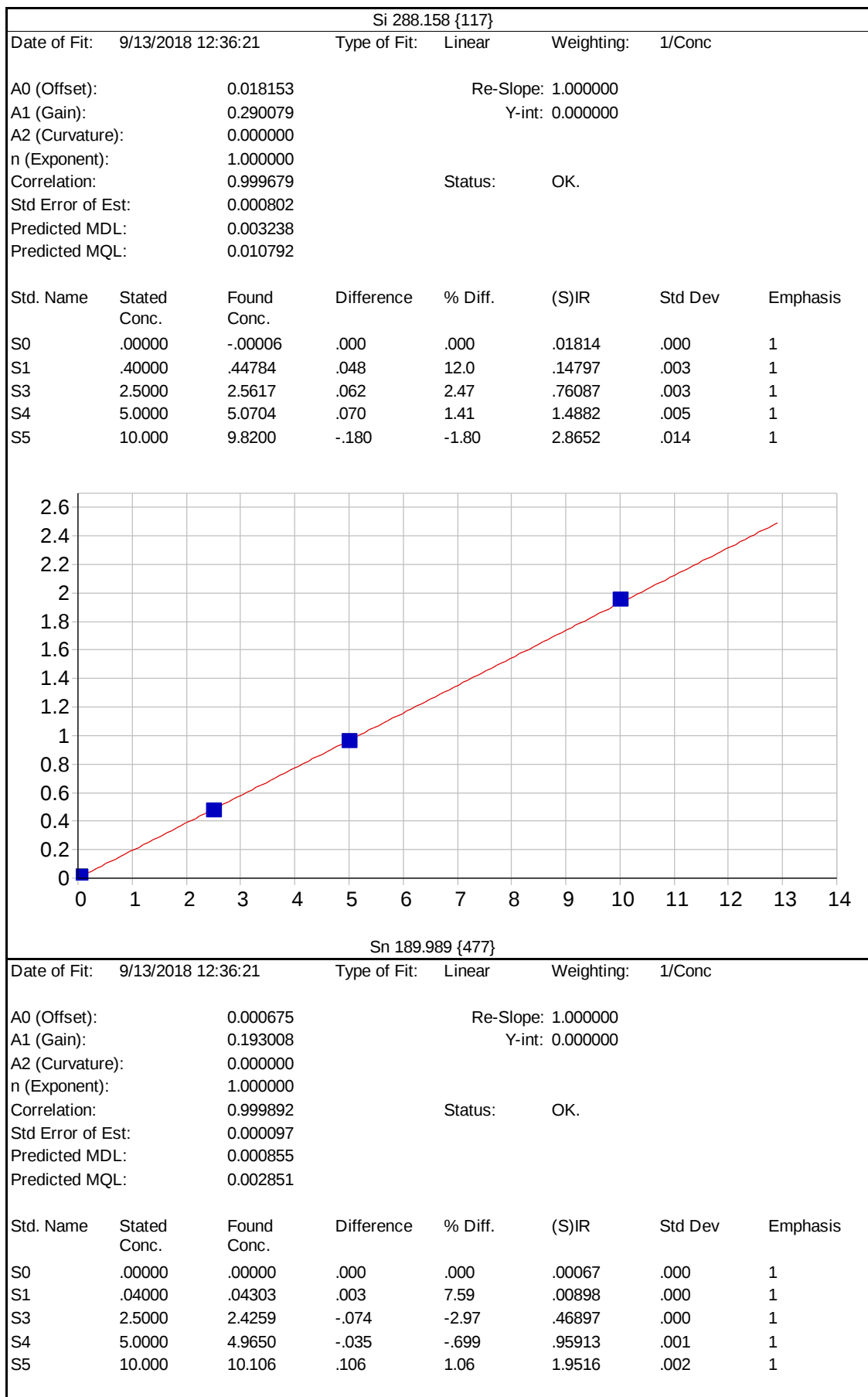
Std Error of Est: 0.000028

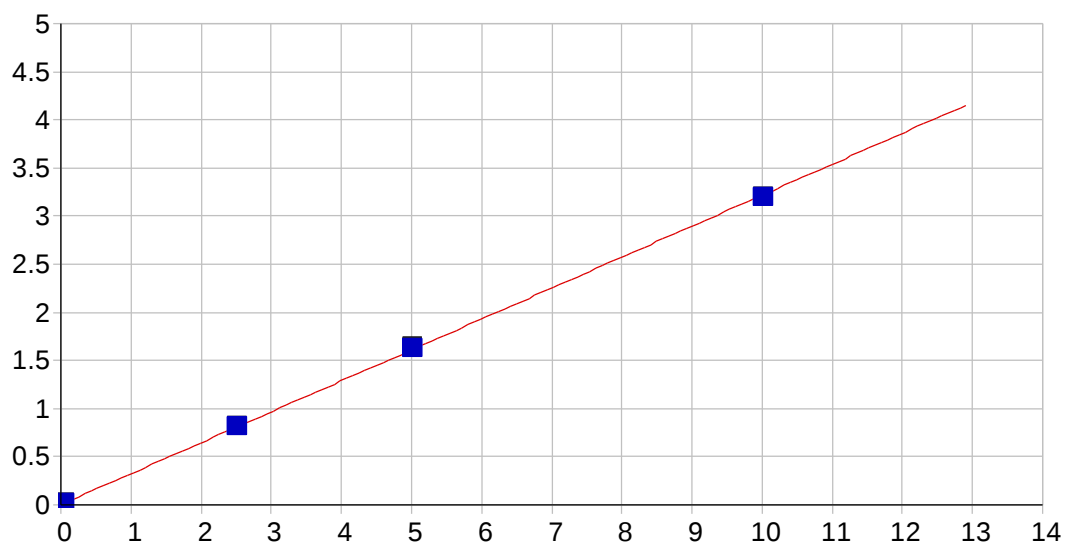
Predicted MDL: 0.003990

Predicted MQL: 0.013302

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00029 | .000    | 1        |
| S1        | .02000       | .01859      | -.001      | -7.03   | .00094 | .000    | 1        |
| S3        | 2.5000       | 2.3454      | -.155      | -6.18   | .08462 | .000    | 1        |
| S4        | 5.0000       | 4.9006      | -.099      | -1.99   | .17649 | .000    | 1        |
| S5        | 10.000       | 10.255      | .255       | 2.55    | .36904 | .000    | 1        |





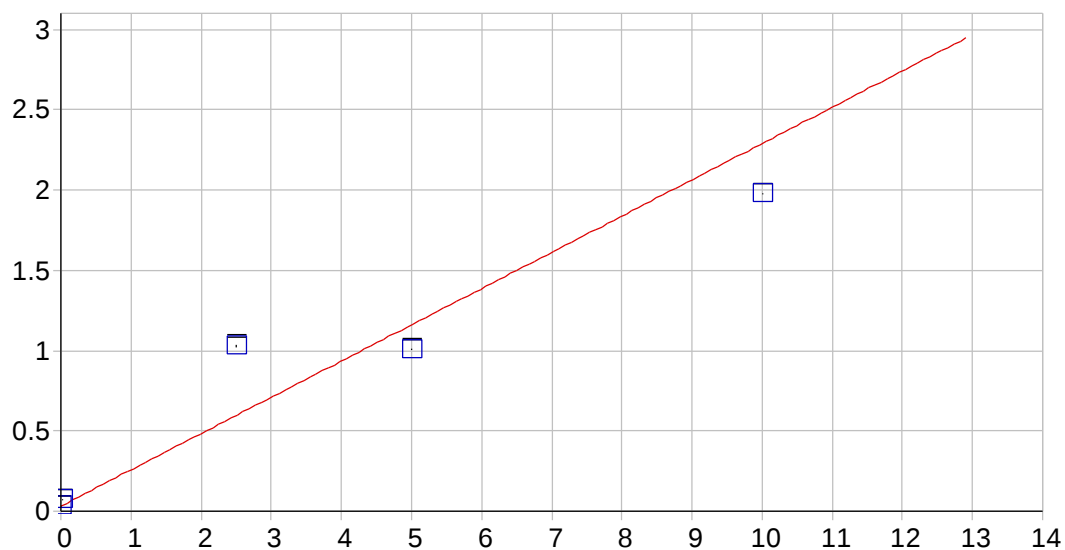


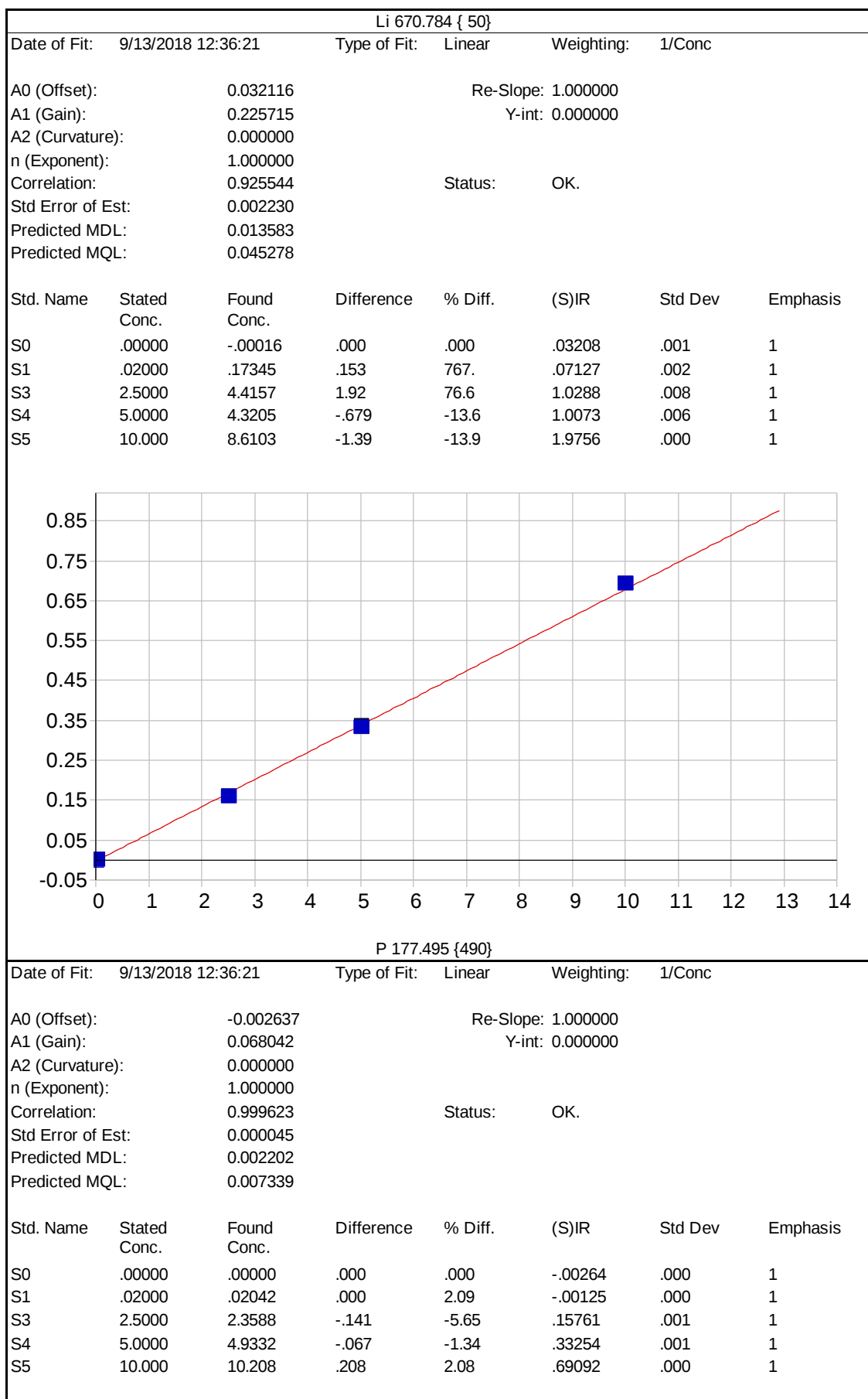
Ti 336.121 {100}

Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001743 Re-Slope: 1.000000  
 A1 (Gain): 0.321557 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999948 Status: OK.  
 Std Error of Est: 0.000112  
 Predicted MDL: 0.002076  
 Predicted MQL: 0.006921

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00174 | .000    | 1        |
| S1        | .04000       | .04482      | .005       | 12.1    | .01615 | .000    | 1        |
| S3        | 2.5000       | 2.5228      | .023       | .913    | .81287 | .004    | 1        |
| S4        | 5.0000       | 5.0480      | .048       | .959    | 1.6247 | .008    | 1        |
| S5        | 10.000       | 9.9244      | -.076      | -.756   | 3.1926 | .003    | 1        |



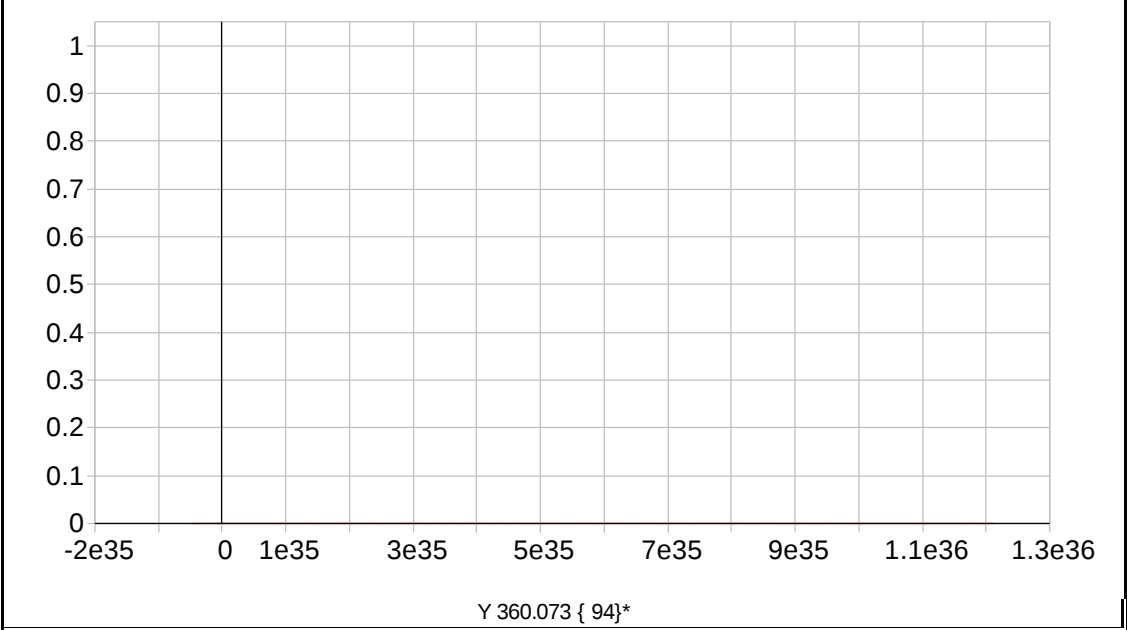




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

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



Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

Status:      Warning      Zero Gain

The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10 major squares along the x-axis and 10 major squares along the y-axis.

|              |           |              |        |            |        |
|--------------|-----------|--------------|--------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear | Weighting: | 1/Conc |
|--------------|-----------|--------------|--------|------------|--------|

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

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



Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

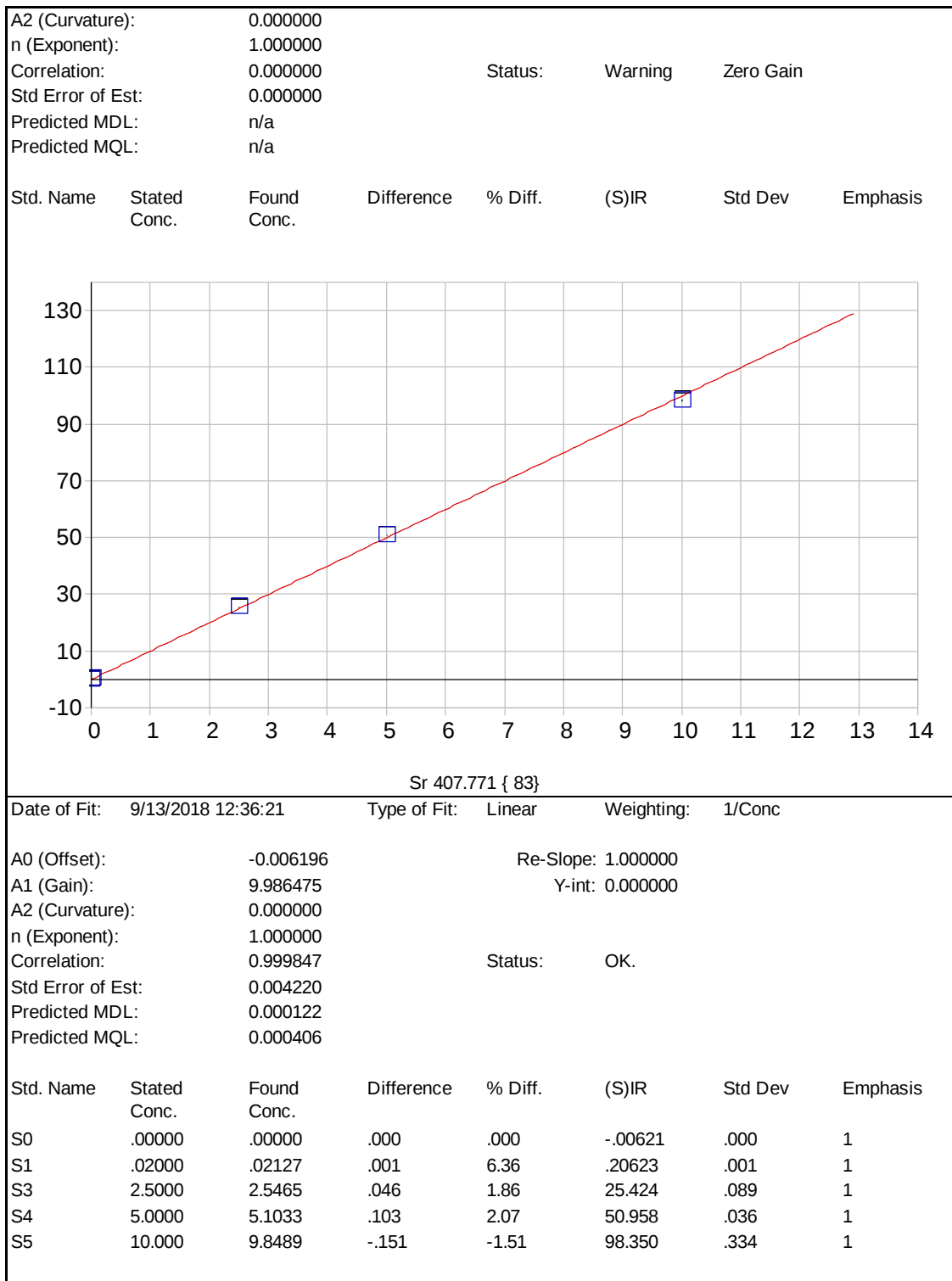
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

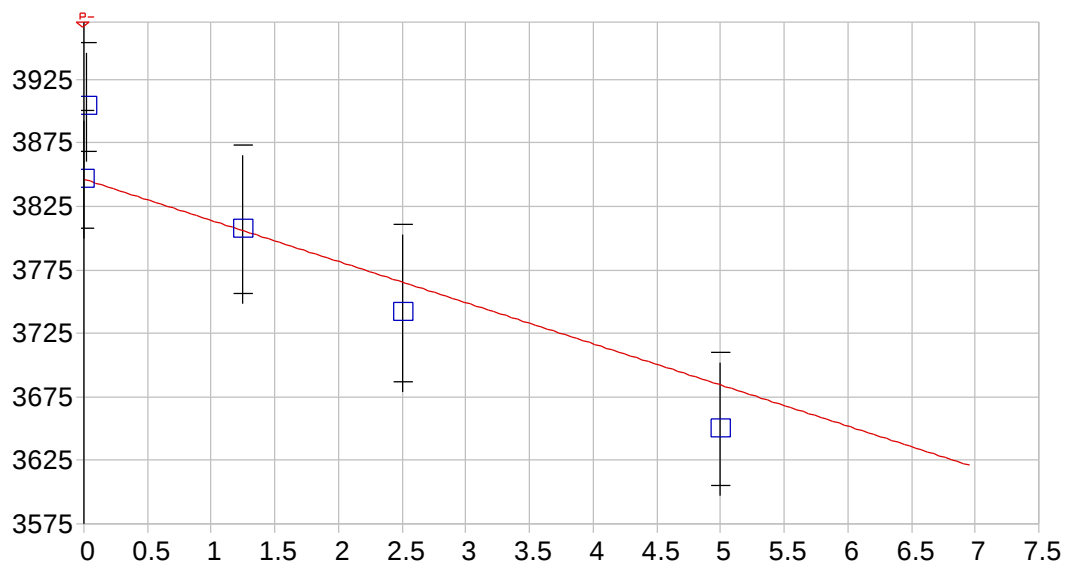
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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



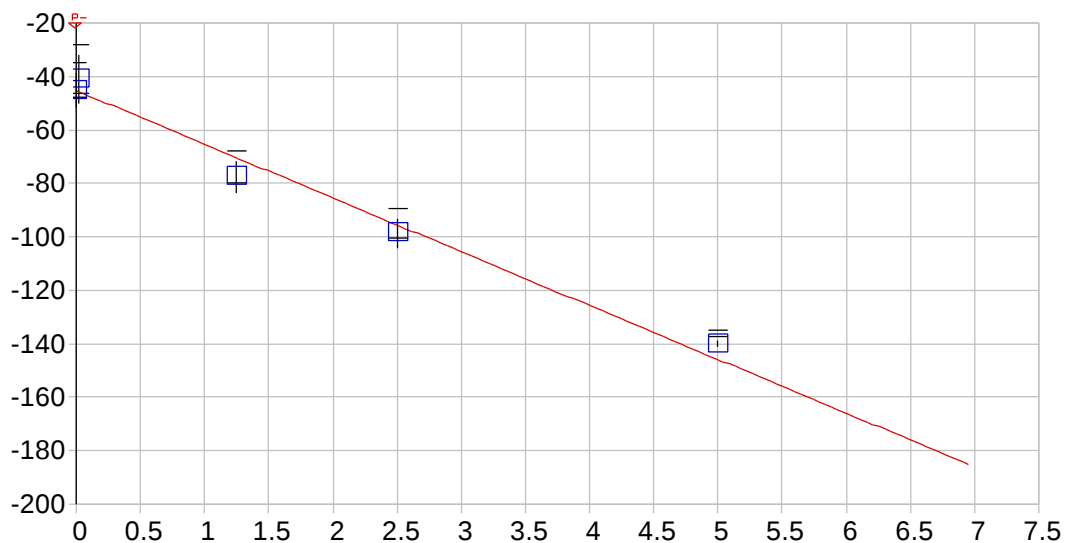


U 367.007 { 92}

Date of Fit: 9/13/2018 12:36:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 3846.096031 Re-Slope: 1.000000  
 A1 (Gain): -32.381335 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.228547 Status: Warning Negative Gain  
 Std Error of Est: 2.357099  
 Predicted MDL: n/a  
 Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00177      | .002       | .000    | 3846.0 | 46.2    | 1        |
| S1        | .02000       | -1.7605     | -1.78      | -8900.  | 3903.1 | 42.5    | 1        |
| S3        | 1.2500       | 1.2084      | -.042      | -3.33   | 3807.0 | 58.4    | 1        |
| S4        | 2.5000       | 3.2530      | .753       | 30.1    | 3740.8 | 62.3    | 1        |
| S5        | 5.0000       | 6.0691      | 1.07       | 21.4    | 3649.6 | 52.3    | 1        |



| U 385.958 { 87}   |              |                    |            |                    |         |               |          |
|-------------------|--------------|--------------------|------------|--------------------|---------|---------------|----------|
| Date of Fit:      |              | 9/13/2018 12:36:21 |            | Type of Fit:       | Linear  | Weighting:    | 1/Conc   |
| A0 (Offset):      |              | -45.232313         |            | Re-Slope: 1.000000 |         |               |          |
| A1 (Gain):        |              | -20.117662         |            | Y-int: 0.000000    |         |               |          |
| A2 (Curvature):   |              | 0.000000           |            |                    |         |               |          |
| n (Exponent):     |              | 1.000000           |            |                    |         |               |          |
| Correlation:      |              | 0.873509           |            | Status:            | Warning | Negative Gain |          |
| Std Error of Est: |              | 0.191591           |            |                    |         |               |          |
| Predicted MDL:    |              | n/a                |            |                    |         |               |          |
| Predicted MQL:    |              | n/a                |            |                    |         |               |          |
|                   |              |                    |            |                    |         |               |          |
| Std. Name         | Stated Conc. | Found Conc.        | Difference | % Diff.            | (S)IR   | Std Dev       | Emphasis |
| S0                | .00000       | .00022             | .000       | .000               | -45.237 | 6.43          | 1        |
| S1                | .02000       | -.20775            | -.228      | -1140.             | -41.053 | 8.89          | 1        |
| S3                | 1.2500       | 1.6072             | .357       | 28.6               | -77.565 | 5.89          | 1        |
| S4                | 2.5000       | 2.6543             | .154       | 6.17               | -98.630 | 5.41          | 1        |
| S5                | 5.0000       | 4.7163             | -.284      | -5.67              | -140.11 | 1.17          | 1        |

Sample Name: S0      Acquired: 9/13/2018 11:40:54      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .00032 | .00035 | .00201 | .00009 | .00022 | .00013 | .07102 | .00004 |
| Stddev | .00011 | .00004 | .00001 | .00012 | .00046 | .00001 | .00180 | .00003 |
| %RSD   | 32.986 | 10.633 | .32951 | 138.98 | 206.42 | 3.9703 | 2.5334 | 71.296 |

|    |         |         |        |        |         |        |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00025 | -.00033 | .00200 | .00018 | .00055  | .00013 | .06975 | .00007 |
| #2 | -.00040 | -.00038 | .00201 | .00000 | -.00010 | .00014 | .07230 | .00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00058 | .00004 | .00007 | .00033 | .00096 | .02994 | .00009 | .00018 |
| Stddev | .00018 | .00021 | .00003 | .00006 | .00040 | .01541 | .00003 | .00039 |
| %RSD   | 31.049 | 543.37 | 49.292 | 17.511 | 41.379 | 51.481 | 28.179 | 222.55 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00045 | .00019  | .00004 | -.00029 | .00124 | .04083 | .00011 | .00010  |
| #2 | -.00070 | -.00011 | .00009 | -.00037 | .00068 | .01904 | .00007 | -.00045 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00548 | .00005 | .03548 | .00012  | .00151 | .01032  | .00049 | .00015  |
| Stddev | .00007 | .00002 | .00165 | .00000  | .00001 | .00276  | .00016 | .00019  |
| %RSD   | 1.2162 | 45.824 | 4.6486 | 1.9645  | .48617 | 26.764  | 31.869 | 126.99  |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00553 | .00003 | .03432 | -.00011 | .00151 | -.00837 | .00038 | .00002 |
| #2 | -.00543 | .00007 | .03665 | -.00012 | .00150 | -.01228 | .00060 | .00028 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00029  | .01814 | .00067 | .00174 | .03208 | .0026   | .00621 | 3846.0  |
| Stddev | .00004  | .00047 | .00018 | .00011 | .00147 | .0001   | .00033 | 46.2    |
| %RSD   | 15.578  | 2.5976 | 26.742 | 6.3100 | 4.5832 | 4.810   | 5.3506 | 1.2016  |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00032 | .01780 | .00080 | .00166 | .03312 | -.0025 | -.00598 | 3813.4 |
| #2 | .00026 | .01847 | .00055 | .00182 | .03104 | -.0027 | -.00645 | 3878.7 |

Sample Name: S0      Acquired: 9/13/2018 11:40:54      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | -45.237 |
| Stddev | 6.426   |
| %RSD   | 14.205  |

|    |         |
|----|---------|
| #1 | -40.693 |
| #2 | -49.781 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2131.3  | 54520.  | 4356.6  | 106.77 | 3503.2 |
| Stddev    | 18.0    | 388.    | 36.8    | 1.28   | 28.1   |
| %RSD      | .84525  | .71198  | .84445  | 1.2011 | .80305 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2118.5 | 54245. | 4382.6 | 105.86 | 3483.3 |
| #2 | 2144.0 | 54794. | 4330.5 | 107.68 | 3523.1 |

Sample Name: S1      Acquired: 9/13/2018 11:45:00      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .00175 | .00387 | .00477 | .00164 | .01069 | .00083 | .54985 | .00413 |
| Stddev | .00029 | .00012 | .00014 | .00013 | .00028 | .00000 | .00201 | .00001 |
| %RSD   | 16.642 | 3.0169 | 2.9115 | 7.9550 | 2.6662 | .50902 | .36534 | .22830 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00154 | .00379 | .00467 | .00173 | .01049 | .00082 | .55127 | .00414 |
| #2 | .00195 | .00395 | .00487 | .00155 | .01089 | .00083 | .54843 | .00413 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .01427 | .00110 | .03029 | .01684 | .24495 | .01956 | .01331 | .00213 |
| Stddev | .00023 | .00004 | .00018 | .00008 | .00438 | .00004 | .00019 | .00011 |
| %RSD   | 1.6184 | 4.0566 | .60462 | .46113 | 1.7884 | .17939 | 1.4571 | 5.0158 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01443 | .00113 | .03042 | .01690 | .24186 | .01954 | .01317 | .00206 |
| #2 | .01410 | .00106 | .03016 | .01679 | .24805 | .01959 | .01345 | .00221 |

|        |         |        |        |         |         |        |        |        |
|--------|---------|--------|--------|---------|---------|--------|--------|--------|
| Elem   | V_ 2924 | Zn2138 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00517  | .11402 | .18519 | .00368  | .00094  | .14797 | .00898 | .01615 |
| Stddev | .00009  | .00037 | .00009 | .00001  | .00004  | .00344 | .00001 | .00032 |
| %RSD   | 1.7624  | .32676 | .04615 | .35731  | 4.2440  | 2.3229 | .15767 | 1.9643 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00523 | .11428 | .18513 | .00369 | .00091 | .15040 | .00897 | .01637 |
| #2 | .00510 | .11375 | .18525 | .00367 | .00096 | .14554 | .00899 | .01593 |

|        |        |         |        |         |         |
|--------|--------|---------|--------|---------|---------|
| Elem   | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |
| Avg    | .07127 | .0013   | .20623 | 3903.1  | 41.053  |
| Stddev | .00168 | .0001   | .00114 | 42.5    | 8.890   |
| %RSD   | 2.3616 | 10.33   | .55243 | 1.0888  | 21.655  |

|    |        |        |        |        |         |
|----|--------|--------|--------|--------|---------|
| #1 | .07246 | -.0013 | .20704 | 3933.2 | -47.339 |
| #2 | .07008 | -.0012 | .20543 | 3873.1 | -34.767 |

Sample Name: S1      Acquired: 9/13/2018 11:45:00      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2161.4  | 55129.  | 4361.9  | 106.25 | 3540.2 |
| Stddev    | 8.0     | 54.     | 58.8    | 1.16   | 12.9   |
| %RSD      | .37051  | .09764  | 1.3483  | 1.0890 | .36530 |
| #1        | 2155.7  | 55091.  | 4320.4  | 105.43 | 3531.1 |
| #2        | 2167.0  | 55167.  | 4403.5  | 107.07 | 3549.4 |

Sample Name: S2      Acquired: 9/13/2018 11:49:08      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .07463 | .02104 | .45981 | .15497  |
| Stddev | .00076 | .00048 | .00165 | .00408  |
| %RSD   | 1.0172 | 2.2956 | .35966 | 2.6355  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .07409 | .02070 | .45864 | .15786 |
| #2 | .07517 | .02138 | .46098 | .15209 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 4380.8  |
| Stddev    | 10.9    |
| %RSD      | .24939  |

|    |        |
|----|--------|
| #1 | 4373.1 |
| #2 | 4388.6 |

Sample Name: S3      Acquired: 9/13/2018 11:53:08      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .23471 | .22981 | .53766 | .17430 | .46969 | .03115 | .22.167 | .08246 |
| Stddev | .00024 | .00014 | .00022 | .00013 | .00212 | .00015 | .125    | .00014 |
| %RSD   | .10183 | .06263 | .04119 | .07310 | .45047 | .47575 | .56257  | .17342 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23454 | .22992 | .53750 | .17439 | .46820 | .03126 | 22.256 | .08256 |
| #2 | .23488 | .22971 | .53781 | .17421 | .47119 | .03105 | 22.079 | .08236 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.8217 | .43311 | .04842 | 1.1092 | .46329 | 1.6701 | 1.0764 | .12494 |
| Stddev | .0093  | .00364 | .00046 | .0056  | .00086 | .0044  | .0075  | .00082 |
| %RSD   | .33036 | .84029 | .95554 | .50701 | .18640 | .09411 | .69846 | .65966 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8151 | .43569 | .04875 | 1.1052 | .46268 | 4.6670 | 1.0817 | .12435 |
| #2 | 2.8283 | .43054 | .04810 | 1.1131 | .46390 | 4.6732 | 1.0711 | .12552 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .51301 | .12207 | 2.5756 | .14582  | 2.6175 | .98333  | 2.1840 | .09073  |
| Stddev | .00215 | .00135 | .0155  | .00077  | .0100  | .00423  | .0113  | .00031  |
| %RSD   | .41866 | 1.1097 | .60177 | .52546  | .38235 | .42980  | .51823 | .34029  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51149 | .12303 | 2.5865 | .14637 | 2.6104 | .98632 | 2.1760 | .09095 |
| #2 | .51453 | .12111 | 2.5646 | .14528 | 2.6245 | .98034 | 2.1920 | .09051 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .08462  | .76087 | .46897 | .81287 | 1.0288 | .1576   | 25.424 | 3807.0  |
| Stddev | .00020  | .00310 | .00003 | .00383 | .0081  | .0007   | .089   | 58.4    |
| %RSD   | .23435  | .40744 | .00726 | .47145 | .78860 | .4272   | .34948 | 1.5340  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .08448 | .76307 | .46895 | .81558 | 1.0345 | .1571 | 25.487 | 3765.7 |
| #2 | .08476 | .75868 | .46899 | .81016 | 1.0231 | .1581 | 25.361 | 3848.3 |

Sample Name: S3      Acquired: 9/13/2018 11:53:08      Type: Cal  
 Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | -77.565 |
| Stddev | 5.895   |
| %RSD   | 7.5997  |

|    |         |
|----|---------|
| #1 | -81.734 |
| #2 | -73.397 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2131.9  | 54211.  | 4365.6  | 106.00 | 3363.4 |
| Stddev    | 3.6     | 389.    | 17.4    | .03    | 4.1    |
| %RSD      | .16775  | .71847  | .39835  | .02609 | .12298 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2134.5 | 53936. | 4353.3 | 105.98 | 3366.3 |
| #2 | 2129.4 | 54487. | 4377.9 | 106.02 | 3360.4 |

Sample Name: S4      Acquired: 9/13/2018 11:57:01      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .47378 | .46482 | 1.0906 | .35023 | .95105 | .06409 | 14.875 | .16686 |
| Stddev | .00064 | .00109 | .0012  | .00141 | .00016 | .00035 | .188   | .00018 |
| %RSD   | .13531 | .23388 | .11325 | .40127 | .01707 | .54446 | .41855 | .10538 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .47333 | .46405 | 1.0897 | .34923 | .95094 | .06384 | 45.007 | .16698 |
| #2 | .47423 | .46559 | 1.0915 | .35122 | .95117 | .06433 | 44.742 | .16673 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.7570 | .86973 | .09751 | 2.2761 | .92807 | 9.1654 | 2.1614 | .25177 |
| Stddev | .0089  | .00264 | .00021 | .0019  | .00046 | .0462  | .0019  | .00162 |
| %RSD   | .15394 | .30306 | .21546 | .08385 | .04909 | .50375 | .08687 | .64371 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.7508 | .87159 | .09766 | 2.2747 | .92840 | 9.1981 | 2.1627 | .25063 |
| #2 | 5.7633 | .86786 | .09736 | 2.2774 | .92775 | 9.1328 | 2.1600 | .25292 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | 1.0495 | .24451 | 5.1883 | .29425  | 5.3464 | 2.0053  | 4.3942 | .18284  |
| Stddev | .0004  | .00068 | .0160  | .00057  | .0023  | .0050   | .0017  | .00050  |
| %RSD   | .03491 | .27723 | .30866 | .19291  | .04263 | .24727  | .03895 | .27573  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0492 | .24499 | 5.1996 | .29385 | 5.3448 | 2.0088 | 4.3954 | .18249 |
| #2 | 1.0497 | .24403 | 5.1770 | .29465 | 5.3480 | 2.0018 | 4.3930 | .18320 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .17649  | 1.4882 | .95913 | 1.6247 | 1.0073 | .3325   | 50.958 | 3740.8  |
| Stddev | .00026  | .0052  | .00059 | .0083  | .0064  | .0011   | .036   | 62.3    |
| %RSD   | .14911  | .35062 | .06145 | .51320 | .63272 | .3423   | .07056 | 1.6656  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .17631 | 1.4919 | .95872 | 1.6188 | 1.0028 | .3317 | 50.984 | 3696.7 |
| #2 | .17668 | 1.4845 | .95955 | 1.6306 | 1.0118 | .3333 | 50.933 | 3784.8 |

Sample Name: S4      Acquired: 9/13/2018 11:57:01      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 98.630  |
| Stddev | 5.409   |
| %RSD   | 5.4837  |

|    |         |
|----|---------|
| #1 | -102.45 |
| #2 | -94.805 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2099.5  | 53383.  | 4381.4  | 107.02 | 3231.7 |
| Stddev    | 6.4     | 327.    | 42.5    | 2.00   | 8.9    |
| %RSD      | .30249  | .61274  | .97019  | 1.8718 | .27400 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2095.0 | 53152. | 4351.3 | 105.60 | 3225.5 |
| #2 | 2104.0 | 53615. | 4411.5 | 108.44 | 3238.0 |

Sample Name: S5      Acquired: 9/13/2018 12:00:52      Type: Cal  
Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
User: admin      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    | .94874 | .93252 | 2.2031 | .69695 | 1.9012 | .12836 | 38.105 | .32814 |
| Stddev | .00272 | .00202 | .0029  | .00251 | .0027  | .00095 | .075   | .00136 |
| %RSD   | .28647 | .21691 | .13127 | .36030 | .14143 | .73798 | .08474 | .41370 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .95066 | .93108 | 2.2010 | .69873 | 1.9031 | .12903 | 88.052 | .32910 |
| #2 | .94682 | .93395 | 2.2051 | .69517 | 1.8993 | .12769 | 88.157 | .32718 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.696 | 1.7069 | .19012 | 4.6324 | 1.8119 | 18.270 | 4.1868 | .49531 |
| Stddev | .016   | .0023  | .00095 | .0075  | .0054  | .005   | .0107  | .00169 |
| %RSD   | .13876 | .13328 | .49733 | .16215 | .29812 | .02821 | .25596 | .34068 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.685 | 1.7053 | .19079 | 4.6271 | 1.8157 | 18.266 | 4.1944 | .49650 |
| #2 | 11.708 | 1.7085 | .18945 | 4.6377 | 1.8081 | 18.273 | 4.1792 | .49411 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | 2.1271 | .48564 | 10.371 | .57844  | 10.872 | 4.0043  | 3.6633 | .36160  |
| Stddev | .0076  | .00201 | .016   | .00061  | .007   | .0021   | .0079  | .00141  |
| %RSD   | .35596 | .41381 | .15176 | .10475  | .06564 | .05194  | .09083 | .38933  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1217 | .48706 | 10.382 | .57887 | 10.867 | 4.0058 | 8.6689 | .36060 |
| #2 | 2.1324 | .48422 | 10.360 | .57801 | 10.877 | 4.0028 | 8.6578 | .36259 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .36904  | 2.8652 | 1.9516 | 3.1926 | 1.9756 | .6909   | 98.350 | 3649.6  |
| Stddev | .00029  | .0141  | .0022  | .0031  | .0002  | .0001   | .334   | 52.3    |
| %RSD   | .07838  | .49383 | .11367 | .09809 | .01196 | .0144   | .33953 | 1.4340  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .36884 | 2.8552 | 1.9500 | 3.1904 | 1.9754 | .6910 | 98.114 | 3612.6 |
| #2 | .36925 | 2.8752 | 1.9531 | 3.1948 | 1.9758 | .6908 | 98.586 | 3686.6 |

Sample Name: S5      Acquired: 9/13/2018 12:00:52      Type: Cal  
 Method: P4-ICP2(v2414)      Mode: IR      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | -140.11 |
| Stddev | 1.17    |
| %RSD   | .83813  |

|    |         |
|----|---------|
| #1 | -139.28 |
| #2 | -140.94 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2046.6  | 52545.  | 4368.4  | 105.16 | 3036.0 |
| Stddev    | 5.6     | 361.    | 1.8     | .17    | .3     |
| %RSD      | .27406  | .68617  | .04155  | .16467 | .00832 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2042.6 | 52290. | 4369.7 | 105.04 | 3035.8 |
| #2 | 2050.5 | 52800. | 4367.1 | 105.29 | 3036.2 |

Sample Name: ICV01      Acquired: 9/13/2018 12:43:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |          |          |          |        |        |          |
|--------|--------|----------|----------|----------|--------|--------|----------|
| Elem   | As1890 | Tl1908   | Pb2203   | Se1960   | Sb2068 | Al3961 | Ba4934   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    | ppm      |
| Avg    | 1.0269 | F 1.0834 | 1.0396   | 1.0420   | .99608 | 2.5604 | .51207   |
| Stddev | .0005  | .0066    | .0042    | .0006    | .00221 | .0203  | .00161   |
| %RSD   | .04946 | .61086   | .39894   | .05673   | .22175 | .79427 | .31352   |
| #1     | 1.0273 | 1.0787   | 1.0367   | 1.0424   | .99764 | 2.5461 | .51320   |
| #2     | 1.0266 | 1.0880   | 1.0425   | 1.0416   | .99452 | 2.5748 | .51093   |
| Elem   | Be2348 | Cd2265   | Ca3736   | Cr2677   | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    | ppm      |
| Avg    | .48631 | .50561   | 10.444   | .50732   | .49292 | .50810 | 5.1485   |
| Stddev | .00420 | .00053   | .060     | .00277   | .00005 | .00061 | .0192    |
| %RSD   | .86288 | .10463   | .57475   | .54575   | .01030 | .12060 | .37228   |
| #1     | .48334 | .50523   | 10.486   | .50536   | .49288 | .50853 | 5.1350   |
| #2     | .48927 | .50598   | 10.401   | .50928   | .49295 | .50766 | 5.1621   |
| Elem   | Mn2576 | Mg2790   | Ni2316   | Ag3280   | Na5895 | V_2924 | Zn2138   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    | ppm      |
| Avg    | .51794 | 3.0889   | .49781   | F .46918 | 10.008 | .50834 | .97704   |
| Stddev | .00340 | .0108    | .00091   | .00293   | .058   | .00580 | .00076   |
| %RSD   | .65735 | .17784   | .18199   | .62548   | .57872 | 1.1403 | .07821   |
| #1     | .51553 | 6.0965   | .49717   | .46710   | 10.049 | .50424 | .97650   |
| #2     | .52034 | 6.0812   | .49845   | .47125   | 9.9674 | .51244 | .97758   |
| Elem   | K_7664 | Mo2020   | B_2496   | S_1820   | Si2881 | Sn1899 | Ti3361   |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    | ppm      |
| Avg    | 9.9864 | 2.5522   | F 2.6261 | F .00549 | 2.4852 | 2.5006 | F 2.6463 |
| Stddev | .0910  | .0014    | .0159    | .00131   | .0285  | .0057  | .0091    |
| %RSD   | .91157 | .05566   | .60501   | 23.796   | 1.1452 | .22957 | .34458   |
| #1     | 10.051 | 2.5532   | 2.6148   | .00642   | 2.5053 | 2.4965 | 2.6399   |
| #2     | 9.9221 | 2.5512   | 2.6373   | .00457   | 2.4651 | 2.5046 | 2.6528   |

Sample Name: ICV01      Acquired: 9/13/2018 12:43:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Li6707   | P_1774  | Sr4077   | U_3670     | U_3859   |
|-----------|----------|---------|----------|------------|----------|
| Units     | ppm      | ppm     | ppm      | ppm        | ppm      |
| Avg       | F .02595 | F .0013 | F .01218 | F < .00000 | F 2.4063 |
| Stddev    | .00166   | .0005   | .00008   | 1.3717     | .3697    |
| %RSD      | 6.3912   | 41.06   | .64102   | 30.039     | 15.365   |
| #1        | -.02478  | -.0017  | .01212   | -3.5966    | 2.1449   |
| #2        | -.02713  | -.0009  | .01223   | -5.5365    | 2.6677   |
| Int. Std. | Y_ 2243  | Y_ 3600 | Y_ 3710  | ln2306     | ln2306   |
| Units     | Cts/S    | Cts/S   | Cts/S    | Cts/S      | Cts/S    |
| Avg       | 2138.3   | 54528.  | 4395.7   | 108.51     | 3404.9   |
| Stddev    | 8.4      | 218.    | 30.3     | 1.08       | 6.2      |
| %RSD      | .39400   | .40038  | .68851   | .99650     | .18224   |
| #1        | 2132.3   | 54682.  | 4374.3   | 107.74     | 3400.5   |
| #2        | 2144.2   | 54373.  | 4417.1   | 109.27     | 3409.3   |

Sample Name: LLICV01      Acquired: 9/13/2018 12:47:22      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02128 | .04550 | .01134 | .02095 | .05480 | .10354 | .10754 |
| Stddev | .00057 | .00108 | .00116 | .00067 | .00207 | .00810 | .00031 |
| %RSD   | 2.6565 | 2.3674 | 10.202 | 3.2150 | 3.7777 | 7.8257 | .28498 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02088 | .04474 | .01052 | .02143 | .05626 | .10927 | .10775 |
| #2 | .02168 | .04626 | .01216 | .02047 | .05333 | .09781 | .10732 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00640 | .00658 | 2.2699 | .01028 | .03162 | .02366 | .10365 |
| Stddev | .00003 | .00005 | .0022  | .00048 | .00007 | .00013 | .01319 |
| %RSD   | .44279 | .72107 | .09551 | 4.6777 | .21059 | .54846 | 12.720 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00642 | .00654 | 2.2683 | .00994 | .03167 | .02375 | .09433 |
| #2 | .00638 | .00661 | 2.2714 | .01062 | .03157 | .02356 | .11298 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02307 | 2.1850 | .04198 | .01113 | 2.1646 | .04404 | .03247 |
| Stddev | .00004 | .0234  | .00009 | .00034 | .0046  | .00080 | .00002 |
| %RSD   | .15337 | 1.0714 | .20561 | 3.0601 | .21394 | 1.8236 | .05714 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02309 | 2.1684 | .04205 | .01089 | 2.1613 | .04461 | .03246 |
| #2 | .02304 | 2.2015 | .04192 | .01137 | 2.1679 | .04347 | .03248 |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881  | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | 1.9527 | .21698 | .11227 | .01980 | F.61873 | .04030 | .04528 |
| Stddev | .0459  | .00096 | .01376 | .00056 | .00070  | .00032 | .00084 |
| %RSD   | 2.3502 | .44223 | 12.259 | 2.8260 | .11378  | .79459 | 1.8639 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9851 | .21630 | .10254 | .02020 | .61922 | .04052 | .04469 |
| #2 | 1.9202 | .21765 | .12200 | .01941 | .61823 | .04007 | .04588 |

Sample Name: LLICV01      Acquired: 9/13/2018 12:47:22      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | F.15325 | .0223   | .02247  | F<00000 | F.80406 |
| Stddev    | .00533  | .0005   | .00008  | 1.9113  | .02416  |
| %RSD      | 3.4756  | 2.178   | .34408  | 20.949  | 3.0044  |
| #1        | .14948  | .0220   | .02253  | -10.475 | .78698  |
| #2        | .15702  | .0227   | .02242  | -7.7720 | .82114  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2176.3  | 56154.  | 4466.8  | 115.44  | 3554.4  |
| Stddev    | 3.7     | 187.    | 27.5    | 1.85    | 14.0    |
| %RSD      | .16955  | .33317  | .61465  | 1.5991  | .39449  |
| #1        | 2173.7  | 56287.  | 4486.2  | 116.75  | 3544.5  |
| #2        | 2178.9  | 56022.  | 4447.4  | 114.13  | 3564.3  |

Sample Name: ICB01      Acquired: 9/13/2018 12:52:02      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00055 | .00229 | .00089 | .00015 | .00717 | .00151 |
| Stddev | .00084 | .00045 | .00130 | .00059 | .00159 | .00126 | .00027 |
| %RSD   | 1182.2 | 81.195 | 56.965 | 66.165 | 1088.0 | 17.601 | 18.140 |

|    |         |         |        |         |         |        |         |
|----|---------|---------|--------|---------|---------|--------|---------|
| #1 | .00067  | -.00087 | .00321 | -.00048 | -.00098 | .00806 | -.00170 |
| #2 | -.00052 | -.00023 | .00137 | -.00131 | .00127  | .00628 | -.00131 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00003 | .02047 | .00074 | .00009 | .00037 | .00307 |
| Stddev | .00004 | .00006 | .00890 | .00004 | .00008 | .00035 | .00534 |
| %RSD   | 65.081 | 240.84 | 43.495 | 5.8719 | 88.292 | 95.342 | 173.84 |

|    |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00004 | -.00002 | -.02676 | -.00071 | .00003 | .00012 | .00685  |
| #2 | -.00010 | .00007  | -.01417 | -.00077 | .00015 | .00061 | -.00070 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .03839 | .00044 | .00017 | .04475 | .00005 | .00001 |
| Stddev | .00001 | .02072 | .00008 | .00045 | .00670 | .00091 | .00002 |
| %RSD   | 66.328 | 53.973 | 17.157 | 258.20 | 14.975 | 1944.9 | 174.60 |

|    |         |        |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|
| #1 | -.00002 | .05304 | -.00049 | -.00014 | -.04949 | .00060  | -.00003 |
| #2 | -.00001 | .02374 | -.00038 | .00049  | -.04001 | -.00069 | .00000  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21506 | .00015 | .00191 | .00311 | .00346 | .00055 | .00324 |
| Stddev | .02450 | .00005 | .00078 | .00145 | .00098 | .00077 | .00045 |
| %RSD   | 11.393 | 30.745 | 41.020 | 46.716 | 28.305 | 139.43 | 13.872 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | -.23239 | -.00019 | -.00135 | .00414 | .00277 | .00001 | .00356 |
| #2 | -.19774 | -.00012 | -.00246 | .00209 | .00415 | .00110 | .00293 |

Sample Name: ICB01      Acquired: 9/13/2018 12:52:02      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                                           |        |        |                                            |                                           |
|--------|-------------------------------------------|--------|--------|--------------------------------------------|-------------------------------------------|
| Elem   | Li6707                                    | P_1774 | Sr4077 | U_3670                                     | U_3859                                    |
| Units  | ppm                                       | ppm    | ppm    | ppm                                        | ppm                                       |
| Avg    | <span style="color: red;">F</span> .02287 | .0006  | .00019 | <span style="color: red;">F</span> <.00000 | <span style="color: red;">F</span> .18020 |
| Stddev | .00217                                    | .0013  | .00018 | .38490                                     | .05785                                    |
| %RSD   | 9.4942                                    | 199.8  | 92.695 | 5.1054                                     | 32.100                                    |

|    |         |        |        |         |        |
|----|---------|--------|--------|---------|--------|
| #1 | -.02133 | -.0016 | .00032 | -7.2670 | .22111 |
| #2 | -.02440 | .0003  | .00007 | -7.8113 | .13930 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2169.9  | 55298.  | 4343.6  | 111.02 | 3546.2 |
| Stddev    | 3.1     | 239.    | 21.2    | .02    | 2.9    |
| %RSD      | .14467  | .43250  | .48787  | .01592 | .08086 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2167.7 | 55129. | 4358.5 | 111.00 | 3544.2 |
| #2 | 2172.2 | 55467. | 4328.6 | 111.03 | 3548.2 |

Sample Name: CRI01      Acquired: 9/13/2018 13:06:41      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02289 | .04843 | .01227 | .01941 | .05988 | .12518 | .10916 |
| Stddev | .00249 | .00056 | .00004 | .00054 | .00051 | .01454 | .00003 |
| %RSD   | 10.864 | 1.1629 | .31543 | 2.7931 | .84493 | 11.611 | .02885 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02114 | .04883 | .01225 | .01902 | .05952 | .13546 | .10914 |
| #2 | .02465 | .04804 | .01230 | .01979 | .06024 | .11491 | .10918 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00644 | .00641 | 2.2187 | .01126 | .03404 | .02268 | .10190 |
| Stddev | .00004 | .00001 | .0042  | .00048 | .00006 | .00061 | .00758 |
| %RSD   | .56569 | .12946 | .18733 | 4.2623 | .17154 | 2.6909 | 7.4434 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00642 | .00641 | 2.2158 | .01160 | .03400 | .02311 | .09653 |
| #2 | .00647 | .00642 | 2.2217 | .01092 | .03409 | .02225 | .10726 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02372 | 2.2657 | .04426 | .01134 | 2.1533 | .04689 | .03349 |
| Stddev | .00010 | .0290  | .00057 | .00007 | .0053  | .00034 | .00003 |
| %RSD   | .43711 | 1.2796 | 1.2954 | .59385 | .24475 | .73359 | .09463 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02365 | 2.2452 | .04386 | .01139 | 2.1570 | .04713 | .03347 |
| #2 | .02380 | 2.2862 | .04467 | .01129 | 2.1496 | .04665 | .03351 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9119 | .21496 | .11622 | .02168 | .43817 | .04435 | .04610 |
| Stddev | .0374  | .00055 | .00211 | .00322 | .00056 | .00055 | .00139 |
| %RSD   | 1.9569 | .25766 | 1.8186 | 14.835 | .12880 | 1.2346 | 3.0163 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9384 | .21535 | .11473 | .01940 | .43777 | .04396 | .04511 |
| #2 | 1.8855 | .21457 | .11772 | .02395 | .43857 | .04474 | .04708 |

Sample Name: CRI01      Acquired: 9/13/2018 13:06:41      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
|-----------|---------|---------|---------|---------|---------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | F.15177 | .0207   | .02203  | F<00000 | F<00000 |
| Stddev    | .00311  | .0005   | .00010  | .16280  | .49186  |
| %RSD      | 2.0475  | 2.413   | .46193  | 2.4327  | 618.41  |
| #1        | .15397  | .0210   | .02196  | -6.8075 | .26826  |
| #2        | .14957  | .0203   | .02210  | -6.5773 | -.42733 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2168.8  | 54931.  | 4339.7  | 111.86  | 3516.9  |
| Stddev    | 8.6     | 51.     | 22.0    | 1.36    | 7.7     |
| %RSD      | .39756  | .09193  | .50770  | 1.2145  | .21847  |
| #1        | 2162.7  | 54967.  | 4355.3  | 112.82  | 3511.4  |
| #2        | 2174.9  | 54895.  | 4324.1  | 110.90  | 3522.3  |

Sample Name: IC5A01      Acquired: 9/13/2018 13:09:40      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00723 | .00987 | .00012 | .01374 | .00510 | 273.64 | .00220 | .00075 |
| Stddev | .00076 | .00147 | .00076 | .00349 | .00027 | 1.41   | .00051 | .00005 |
| %RSD   | 10.507 | 14.925 | 648.17 | 25.401 | 5.3037 | .51349 | 23.280 | 6.9047 |

|    |         |         |         |         |        |        |        |        |
|----|---------|---------|---------|---------|--------|--------|--------|--------|
| #1 | -.00776 | -.01091 | .00065  | -.01127 | .00529 | 272.65 | .00184 | .00072 |
| #2 | -.00669 | -.00882 | -.00042 | -.01621 | .00491 | 274.64 | .00256 | .00079 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00460 | 251.98 | .06007 | .00011 | .00294 | 39.778 | .01347 | 269.22 |
| Stddev | .00021 | 1.07   | .00078 | .00002 | .00027 | 1.737  | .00003 | .47    |
| %RSD   | 4.5696 | .42506 | 1.2981 | 15.127 | 9.2554 | 1.7409 | .24153 | .17588 |

|    |        |        |        |         |         |        |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|--------|
| #1 | .00445 | 251.22 | .05952 | -.00012 | -.00313 | 101.01 | .01350 | 268.88 |
| #2 | .00475 | 252.74 | .06062 | -.00010 | -.00275 | 98.549 | .01345 | 269.55 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00177 | .00266 | .00107 | .00185 | .01744 | .23616 | .00256 | .01396 |
| Stddev | .00038 | .00010 | .00464 | .00025 | .00014 | .02628 | .00005 | .00080 |
| %RSD   | 21.498 | 3.9277 | 435.38 | 13.251 | .80857 | 11.128 | 2.1144 | 5.7616 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00204 | .00259 | .00222  | .00202 | .01734 | -.25475 | .00252 | .01452 |
| #2 | -.00150 | .00274 | -.00435 | .00168 | .01754 | -.21758 | .00260 | .01339 |

|        |          |        |        |        |          |        |          |          |
|--------|----------|--------|--------|--------|----------|--------|----------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774 | Sr4077   | U_3670   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm    | ppm      | ppm      |
| Avg    | F .03119 | .00134 | .01159 | .00170 | F .03829 | .0002  | F .10447 | F 1.5628 |
| Stddev | .01509   | .00522 | .00090 | .00044 | .00286   | .0007  | .00023   | .0492    |
| %RSD   | 48.362   | 389.04 | 7.7448 | 25.936 | 7.4797   | 297.4  | .22481   | 3.1494   |

|    |        |         |        |         |        |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|--------|
| #1 | .04186 | .00235  | .01222 | -.00139 | .03627 | -.0007 | .10430 | 1.5976 |
| #2 | .02053 | -.00504 | .01095 | -.00201 | .04032 | .0003  | .10464 | 1.5280 |

Sample Name: IC5A01      Acquired: 9/13/2018 13:09:40      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |
|--------|----------|
| Elem   | U_3859   |
| Units  | ppm      |
| Avg    | F 22.587 |
| Stddev | .012     |
| %RSD   | .05432   |

|    |        |
|----|--------|
| #1 | 22.578 |
| #2 | 22.595 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2030.2  | 50469.  | 4287.0  | 103.40 | 2879.9 |
| Stddev    | 10.0    | 26.     | .5      | 2.15   | 8.6    |
| %RSD      | .49494  | .05247  | .01078  | 2.0792 | .30031 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2037.3 | 50488. | 4287.3 | 101.88 | 2886.0 |
| #2 | 2023.1 | 50450. | 4286.7 | 104.92 | 2873.8 |

Sample Name: ICSAB01      Acquired: 9/13/2018 13:18:36      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10225 | .09689 | .05863 | .03006 | .60716 | 274.24 | .51505 | .55066 |
| Stddev | .00282 | .00204 | .00132 | .00641 | .00091 | .38    | .00297 | .00151 |
| %RSD   | 2.7550 | 2.1031 | 2.2556 | 21.337 | .14975 | .13967 | .57694 | .27506 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10026 | .09545 | .05956 | .03459 | .60781 | 274.51 | .51715 | .54959 |
| #2 | .10424 | .09833 | .05769 | .02552 | .60652 | 273.97 | .51295 | .55173 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0596 | 246.92 | .57878 | .50837 | .48664 | 98.752 | .52706 | 262.79 |
| Stddev | .0021  | .98    | .00074 | .00058 | .00225 | .688   | .00143 | .68    |
| %RSD   | .19898 | .39605 | .12704 | .11359 | .46247 | .69678 | .27170 | .25932 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0581 | 247.61 | .57826 | .50797 | .48505 | 98.266 | .52604 | 263.27 |
| #2 | 1.0611 | 246.23 | .57930 | .50878 | .48823 | 99.239 | .52807 | 262.31 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0069 | .16518 | .00256 | .50680 | 1.0899 | .23507 | .00306 | .00837 |
| Stddev | .0003  | .00049 | .00207 | .00221 | .0031  | .01846 | .00038 | .00439 |
| %RSD   | .02814 | .29518 | 80.829 | .43705 | .28300 | 7.8537 | 12.471 | 52.455 |

|    |        |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|--------|---------|--------|--------|
| #1 | 1.0071 | .16553 | .00110 | .50523 | 1.0877 | -.24812 | .00333 | .01147 |
| #2 | 1.0067 | .16484 | .00403 | .50836 | 1.0921 | -.22202 | .00279 | .00526 |

|        |          |        |        |        |          |         |        |          |
|--------|----------|--------|--------|--------|----------|---------|--------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774  | Sr4077 | U_3670   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm     | ppm    | ppm      |
| Avg    | F .02433 | .00156 | .01274 | .00051 | F .03154 | F .0006 | .10336 | F 1.8837 |
| Stddev | .00480   | .00117 | .00171 | .00069 | .00252   | .0002   | .00016 | .4462    |
| %RSD   | 19.736   | 75.108 | 13.456 | 135.68 | 7.9846   | 30.14   | .15004 | 9.1360   |

|    |        |         |        |         |        |       |        |        |
|----|--------|---------|--------|---------|--------|-------|--------|--------|
| #1 | .02094 | -.00073 | .01153 | -.00002 | .02976 | .0005 | .10347 | 4.5682 |
| #2 | .02773 | -.00240 | .01395 | -.00099 | .03332 | .0008 | .10325 | 5.1992 |

Sample Name: ICSAB01      Acquired: 9/13/2018 13:18:36      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |
|--------|----------|
| Elem   | U_3859   |
| Units  | ppm      |
| Avg    | F 22.235 |
| Stddev | .072     |
| %RSD   | .32295   |

|    |        |
|----|--------|
| #1 | 22.184 |
| #2 | 22.286 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2009.5  | 49836.  | 4324.2  | 103.86 | 2865.5 |
| Stddev    | 4.6     | 58.     | 2.0     | .74    | 4.6    |
| %RSD      | .22656  | .11683  | .04593  | .71461 | .16085 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2012.8 | 49877. | 4322.8 | 104.38 | 2868.7 |
| #2 | 2006.3 | 49795. | 4325.6 | 103.33 | 2862.2 |

Sample Name: CCV01      Acquired: 9/13/2018 13:22:40      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9699 | 5.0728 | 5.1586 | 4.9935 | 5.0121 | 10.263 | 10.227 | .25576 |
| Stddev | .0136  | .0185  | .0007  | .0136  | .0099  | .083   | .017   | .00032 |
| %RSD   | .27289 | .36494 | .01300 | .27251 | .19714 | .80725 | .16670 | .12365 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9795 | 5.0859 | 5.1582 | 5.0031 | 5.0191 | 10.204 | 10.239 | .25554 |
| #2 | 4.9603 | 5.0597 | 5.1591 | 4.9839 | 5.0051 | 10.322 | 10.215 | .25599 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4882 | 25.844 | 1.0276 | 2.5015 | 1.2716 | 4.9542 | 2.5678 | 25.468 |
| Stddev | .0034  | .049   | .0043  | .0048  | .0027  | .0423  | .0025  | .139   |
| %RSD   | .13732 | .18909 | .41659 | .19263 | .21366 | .85311 | .09860 | .54599 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4906 | 25.810 | 1.0246 | 2.5049 | 1.2735 | 4.9244 | 2.5660 | 25.370 |
| #2 | 2.4858 | 25.879 | 1.0307 | 2.4981 | 1.2696 | 4.9841 | 2.5696 | 25.567 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5041 | 1.2735 | 25.206 | 2.5426 | 2.5587 | 24.818 | 5.0330 | 5.1178 |
| Stddev | .0074  | .0025  | .054   | .0030  | .0034  | .096   | .0185  | .0457  |
| %RSD   | .29420 | .19341 | .21325 | .11877 | .13269 | .38776 | .36689 | .89261 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5093 | 1.2717 | 25.244 | 2.5405 | 2.5611 | 24.886 | 5.0460 | 5.0855 |
| #2 | 2.4989 | 1.2752 | 25.168 | 2.5448 | 2.5562 | 24.750 | 5.0199 | 5.1501 |

|        |        |        |        |        |          |        |        |          |
|--------|--------|--------|--------|--------|----------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm      |
| Avg    | 4.9846 | 5.0698 | 5.0515 | 5.1449 | F 4.3546 | 4.959  | 5.1276 | F .89755 |
| Stddev | .0111  | .0324  | .0000  | .0130  | .0268    | .012   | .0066  | .81831   |
| %RSD   | .22345 | .63974 | .00054 | .25334 | .61596   | .2492  | .12870 | 91.172   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9767 | 5.0927 | 5.0515 | 5.1357 | 4.3356 | 4.968 | 5.1230 | .31891 |
| #2 | 4.9924 | 5.0469 | 5.0515 | 5.1542 | 4.3735 | 4.951 | 5.1323 | 1.4762 |

Sample Name: CCV01      Acquired: 9/13/2018 13:22:40      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F1.9724 |
| Stddev | .0397   |
| %RSD   | 2.0118  |

|    |        |
|----|--------|
| #1 | 1.9443 |
| #2 | 2.0004 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2110.1  | 53145.  | 4370.2  | 110.28 | 3203.2 |
| Stddev    | 11.3    | 25.     | 25.6    | 1.13   | 12.8   |
| %RSD      | .53370  | .04675  | .58664  | 1.0206 | .40028 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2102.1 | 53163. | 4352.1 | 109.48 | 3194.1 |
| #2 | 2118.0 | 53128. | 4388.3 | 111.08 | 3212.2 |

Sample Name: CCB01      Acquired: 9/13/2018 13:26:28      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00248 | .00091 | .00290 | .00041 | .00082 | .00244 | .00363 |
| Stddev | .00001 | .00006 | .00109 | .00306 | .00040 | .00336 | .00004 |
| %RSD   | .33782 | 6.3915 | 37.579 | 749.59 | 49.058 | 137.50 | 1.2137 |

|    |         |         |        |         |        |        |         |
|----|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00249 | -.00086 | .00367 | -.00257 | .00054 | .00007 | -.00367 |
| #2 | -.00248 | -.00095 | .00213 | .00175  | .00110 | .00482 | -.00360 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .00002 | .00403 | .00114 | .00005 | .00043 | .00689 |
| Stddev | .00004 | .00004 | .00927 | .00020 | .00007 | .00039 | .00962 |
| %RSD   | 29.546 | 200.76 | 229.79 | 17.965 | 161.93 | 89.919 | 139.55 |

|    |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00010 | .00005  | -.01059 | -.00099 | .00010  | .00071 | .01369 |
| #2 | -.00015 | -.00001 | .00252  | -.00128 | -.00001 | .00016 | .00009 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .03409 | .00043 | .00040 | .04977 | .00014 | .00002 |
| Stddev | .00002 | .01262 | .00039 | .00005 | .00950 | .00014 | .00011 |
| %RSD   | 83.034 | 37.007 | 92.100 | 13.730 | 19.086 | 104.47 | 719.28 |

|    |         |        |         |        |         |         |         |
|----|---------|--------|---------|--------|---------|---------|---------|
| #1 | -.00004 | .04301 | -.00015 | .00044 | -.05649 | -.00004 | -.00006 |
| #2 | -.00001 | .02517 | -.00070 | .00036 | -.04305 | -.00024 | .00009  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25306 | .00013 | .00179 | .00305 | .00515 | .00090 | .00229 |
| Stddev | .02022 | .00011 | .00647 | .00137 | .00029 | .00062 | .00129 |
| %RSD   | 7.9897 | 80.387 | 360.63 | 45.047 | 5.6277 | 68.784 | 56.343 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | -.26736 | -.00021 | .00637  | .00401 | .00495 | .00046 | .00138 |
| #2 | -.23876 | -.00006 | -.00278 | .00208 | .00536 | .00134 | .00321 |

Sample Name: CCB01      Acquired: 9/13/2018 13:26:28      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707                                    | P_1774  | Sr4077  | U_3670                                    | U_3859                                    |
|-----------|-------------------------------------------|---------|---------|-------------------------------------------|-------------------------------------------|
| Units     | ppm                                       | ppm     | ppm     | ppm                                       | ppm                                       |
| Avg       | <span style="color: red;">F</span> .02190 | .0005   | .00025  | <span style="color: red;">F</span> <00000 | <span style="color: red;">F</span> <00000 |
| Stddev    | .01913                                    | .0017   | .00004  | .66689                                    | .02945                                    |
| %RSD      | 87.353                                    | 326.0   | 15.134  | 9.7757                                    | 9.1629                                    |
| #1        | -.00837                                   | -.0007  | .00027  | -6.3503                                   | -.34229                                   |
| #2        | -.03542                                   | .0017   | .00022  | -7.2934                                   | -.30063                                   |
| Int. Std. | Y_ 2243                                   | Y_ 3600 | Y_ 3710 | ln2306                                    | ln2306                                    |
| Units     | Cts/S                                     | Cts/S   | Cts/S   | Cts/S                                     | Cts/S                                     |
| Avg       | 2157.1                                    | 54768.  | 4337.2  | 111.08                                    | 3511.8                                    |
| Stddev    | 3.4                                       | 135.    | 19.5    | .20                                       | 7.6                                       |
| %RSD      | .15725                                    | .24629  | .44953  | .18085                                    | .21714                                    |
| #1        | 2154.7                                    | 54673.  | 4323.4  | 110.94                                    | 3506.4                                    |
| #2        | 2159.5                                    | 54864.  | 4351.0  | 111.22                                    | 3517.2                                    |

Sample Name: PB112786BL      Acquired: 9/13/2018 13:30:37      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00226 | .00108 | .00291 | .00108 | .00290 | .00195 | .00365 |
| Stddev | .00118 | .00234 | .00103 | .00048 | .00067 | .00462 | .00022 |
| %RSD   | 52.147 | 216.21 | 35.301 | 44.832 | 23.245 | 236.95 | 5.9827 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00309 | -.00274 | .00363 | -.00074 | .00242 | .00521  | -.00349 |
| #2 | -.00142 | .00057  | .00218 | -.00142 | .00337 | -.00132 | -.00380 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00004 | .00367 | .00102 | .00006 | .00059 | .00026 |
| Stddev | .00007 | .00013 | .01387 | .00062 | .00012 | .00004 | .00156 |
| %RSD   | 66.357 | 296.01 | 377.85 | 60.731 | 207.59 | 7.3836 | 591.54 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00006 | -.00005 | -.01347 | -.00058 | .00003  | .00062 | -.00084 |
| #2 | -.00016 | .00013  | .00613  | -.00146 | -.00014 | .00056 | .00137  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .01234 | .00039 | .00048 | .04547 | .00030 | .00001 |
| Stddev | .00004 | .00794 | .00011 | .00019 | .00108 | .00001 | .00002 |
| %RSD   | 1256.6 | 64.290 | 26.985 | 39.206 | 2.3771 | 4.8573 | 217.81 |

|    |         |        |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|
| #1 | -.00002 | .00673 | -.00032 | -.00061 | -.04624 | -.00031 | -.00003 |
| #2 | .00003  | .01796 | -.00046 | -.00035 | -.04471 | -.00029 | .00001  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28979 | .00012 | .00471 | .00073 | .00335 | .00039 | .00084 |
| Stddev | .01104 | .00024 | .00162 | .00130 | .00303 | .00010 | .00068 |
| %RSD   | 3.8099 | 194.86 | 34.433 | 178.06 | 90.225 | 26.608 | 80.424 |

|    |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.28198 | .00029  | -.00586 | .00165  | .00549 | .00047 | .00132 |
| #2 | -.29760 | -.00005 | -.00356 | -.00019 | .00121 | .00032 | .00036 |

Sample Name: PB112786BL      Acquired: 9/13/2018 13:30:37      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                                           |        |        |                                           |                                           |
|--------|-------------------------------------------|--------|--------|-------------------------------------------|-------------------------------------------|
| Elem   | Li6707                                    | P_1774 | Sr4077 | U_3670                                    | U_3859                                    |
| Units  | ppm                                       | ppm    | ppm    | ppm                                       | ppm                                       |
| Avg    | <span style="color: red;">F</span> .01664 | .0007  | .00008 | <span style="color: red;">F</span> <00000 | <span style="color: red;">F</span> <00000 |
| Stddev | .00064                                    | .0009  | .00004 | .05352                                    | .17331                                    |
| %RSD   | 3.8611                                    | 134.2  | 52.303 | .77580                                    | 69.628                                    |

|    |         |        |        |         |         |
|----|---------|--------|--------|---------|---------|
| #1 | -.01710 | -.0013 | .00005 | -6.8607 | -.12636 |
| #2 | -.01619 | .0000  | .00011 | -6.9364 | -.37146 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2163.8  | 54603.  | 4307.3  | 111.57 | 3518.9 |
| Stddev    | 2.5     | 4.      | 13.1    | .12    | 7.1    |
| %RSD      | .11701  | .00651  | .30430  | .10467 | .20206 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2162.0 | 54600. | 4298.0 | 111.48 | 3513.9 |
| #2 | 2165.6 | 54605. | 4316.5 | 111.65 | 3523.9 |

Sample Name: PB112786BS      Acquired: 9/13/2018 13:33:36      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .80139 | 2.0517 | 1.0339 | 1.9850 | .80501 | 2.0361 | .20984 |
| Stddev | .00715 | .0049  | .0023  | .0080  | .00510 | .0097  | .00034 |
| %RSD   | .89268 | .23782 | .21848 | .40105 | .63393 | .47391 | .16297 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80645 | 2.0482 | 1.0355 | 1.9906 | .80862 | 2.0292 | .21008 |
| #2 | .79633 | 2.0551 | 1.0323 | 1.9794 | .80140 | 2.0429 | .20960 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19487 | .19741 | 1.1250 | .42856 | .19624 | .32780 | 3.1382 |
| Stddev | .00008 | .00115 | .0221  | .00187 | .00062 | .00184 | .0333  |
| %RSD   | .04093 | .58319 | 1.9639 | .43565 | .31574 | .56086 | 1.0607 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19493 | .19659 | 1.1093 | .42724 | .19581 | .32910 | 3.1617 |
| #2 | .19482 | .19822 | 1.1406 | .42988 | .19668 | .32650 | 3.1146 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21770 | 2.1148 | .49001 | .07369 | 3.0932 | .32033 | .18586 |
| Stddev | .00086 | .0600  | .00015 | .00050 | .0181  | .00015 | .00055 |
| %RSD   | .39614 | 2.8376 | .03010 | .67414 | .58664 | .04586 | .29461 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21709 | 2.0724 | .48990 | .07334 | 3.0804 | .32044 | .18548 |
| #2 | .21831 | 2.1573 | .49011 | .07404 | 3.1060 | .32023 | .18625 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.117 | .42758 | .31060 | F .00571 | .95566 | .68560 | .21534 |
| Stddev | .015   | .00041 | .00368 | .00005   | .00344 | .00169 | .00197 |
| %RSD   | .14357 | .09619 | 1.1856 | .90707   | .36019 | .24617 | .91541 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.107 | .42729 | .31320 | .00567 | .95809 | .68680 | .21674 |
| #2 | 10.127 | .42787 | .30799 | .00574 | .95322 | .68441 | .21395 |

Sample Name: PB112786BS      Acquired: 9/13/2018 13:33:36      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |                   |                   |                   |                       |                       |
|-----------|-------------------|-------------------|-------------------|-----------------------|-----------------------|
| Elem      | Li6707            | P_1774            | Sr4077            | U_3670                | U_3859                |
| Units     | ppm               | ppm               | ppm               | ppm                   | ppm                   |
| Avg       | <del>1.7402</del> | <del>5.147</del>  | <del>.21292</del> | <del>F&lt;00000</del> | <del>F&lt;00000</del> |
| Stddev    | .0080             | .002              | .00024            | 1.1272                | .01404                |
| %RSD      | .46061            | .0360             | .11373            | 27.277                | 2.6671                |
| #1        | 1.7345            | 5.146             | .21274            | -4.9294               | -.51637               |
| #2        | 1.7459            | 5.148             | .21309            | -3.3353               | -.53622               |
| Int. Std. | Y_ 2243           | Y_ 3600           | Y_ 3710           | ln2306                | ln2306                |
| Units     | Cts/S             | Cts/S             | Cts/S             | Cts/S                 | Cts/S                 |
| Avg       | <del>2105.7</del> | <del>53953.</del> | <del>4301.3</del> | <del>108.65</del>     | <del>3424.7</del>     |
| Stddev    | 26.6              | 105.              | 6.5               | 1.72                  | 31.2                  |
| %RSD      | 1.2616            | .19515            | .14997            | 1.5801                | .91099                |
| #1        | 2086.9            | 54027.            | 4296.7            | 107.44                | 3402.6                |
| #2        | 2124.5            | 53878.            | 4305.8            | 109.87                | 3446.8                |

Sample Name: J4274-18      Acquired: 9/13/2018 13:37:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03361 | .00812 | .92021 | .00343 | .00453 | 56.155 | .26344 |
| Stddev | .00027 | .00093 | .00450 | .00351 | .00019 | .136   | .00133 |
| %RSD   | .79833 | 11.455 | .48891 | 102.49 | 4.2332 | .24149 | .50344 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .03342 | -.00747 | .92339 | -.00591 | .00439 | 56.059 | .26438 |
| #2 | .03380 | -.00878 | .91703 | -.00094 | .00466 | 56.251 | .26250 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00451 | .00650 | 3.8095 | .17004 | .05590 | .33850 | 119.35 |
| Stddev | .00010 | .00002 | .0228  | .00089 | .00016 | .00005 | .08    |
| %RSD   | 2.2854 | .34225 | .33540 | .52094 | .28928 | .01450 | .07099 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00444 | .00651 | 6.8256 | .16941 | .05602 | .33854 | 119.41 |
| #2 | .00458 | .00648 | 6.7933 | .17066 | .05579 | .33847 | 119.29 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9355 | 34.126 | .40729 | .01072 | .90400 | .17436 | .46130 |
| Stddev | .0023  | .078   | .00006 | .00057 | .00710 | .00247 | .00001 |
| %RSD   | .11950 | .22821 | .01566 | 5.3314 | .78549 | 1.4139 | .00195 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9339 | 34.071 | .40733 | .01112 | .90902 | .17262 | .46129 |
| #2 | 1.9371 | 34.181 | .40724 | .01031 | .89898 | .17611 | .46131 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.7759 | .00213 | .03812 | 5.9391 | .74828 | .03068 | 1.7934 |
| Stddev | .0027  | .00027 | .00534 | .0124  | .01302 | .00022 | .0065  |
| %RSD   | .04696 | 12.815 | 14.002 | .20890 | 1.7399 | .70431 | .36003 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.7778 | .00232 | .04190 | 5.9479 | .73907 | .03083 | 1.7888 |
| #2 | 5.7740 | .00193 | .03435 | 5.9304 | .75748 | .03052 | 1.7979 |

Sample Name: J4274-18      Acquired: 9/13/2018 13:37:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .59022  | 3.408   | .04485  | F<00000 | 19.609 |
| Stddev    | .00314  | .008    | .00006  | .32014  | .320   |
| %RSD      | .53171  | .2456   | .14467  | 1.2137  | 1.6296 |
| #1        | .59244  | 3.414   | .04489  | -26.151 | 19.834 |
| #2        | .58800  | 3.402   | .04480  | -26.604 | 19.383 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2359.6  | 59757.  | 4914.3  | 110.76  | 3316.5 |
| Stddev    | 1.1     | 59.     | 36.9    | .81     | .3     |
| %RSD      | .04871  | .09912  | .75056  | .73456  | .01018 |
| #1        | 2358.8  | 59715.  | 4888.2  | 110.18  | 3316.7 |
| #2        | 2360.5  | 59799.  | 4940.3  | 111.33  | 3316.2 |

Sample Name: J4724-18DUP      Acquired: 9/13/2018 13:41:28      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03296 | .01067 | .91413 | .00382 | .00153 | 56.205 | .26483 |
| Stddev | .00318 | .00291 | .00006 | .00333 | .00024 | .115   | .00016 |
| %RSD   | 9.6434 | 27.245 | .00628 | 87.310 | 15.819 | .20392 | .06051 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .03071 | -.01272 | .91417 | -.00617 | .00171 | 56.124 | .26494 |
| #2 | .03520 | -.00861 | .91409 | -.00146 | .00136 | 56.286 | .26472 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00467 | .00672 | 3.7983 | .16990 | .05600 | .33981 | 116.37 |
| Stddev | .00001 | .00005 | .0154  | .00010 | .00004 | .00013 | .43    |
| %RSD   | .14898 | .76589 | .22626 | .05745 | .06717 | .03869 | .36965 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00467 | .00676 | 6.8091 | .16996 | .05597 | .33990 | 116.07 |
| #2 | .00468 | .00668 | 6.7874 | .16983 | .05602 | .33971 | 116.68 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9467 | 33.674 | .40574 | .01060 | .90369 | .17533 | .46104 |
| Stddev | .0032  | .156   | .00164 | .00039 | .00180 | .00009 | .00017 |
| %RSD   | .16189 | .46311 | .40333 | 3.6371 | .19970 | .05185 | .03631 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9445 | 33.564 | .40458 | .01087 | .90497 | .17540 | .46116 |
| #2 | 1.9489 | 33.784 | .40690 | .01033 | .90241 | .17527 | .46093 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.7890 | .00196 | .02267 | 5.9273 | .73935 | .03151 | 1.7921 |
| Stddev | .0232  | .00033 | .00276 | .0230  | .02056 | .00095 | .0087  |
| %RSD   | .40006 | 17.006 | 12.171 | .38831 | 2.7801 | 3.0037 | .48628 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.8053 | .00172 | .02462 | 5.9111 | .72482 | .03218 | 1.7983 |
| #2 | 5.7726 | .00219 | .02072 | 5.9436 | .75389 | .03084 | 1.7860 |

Sample Name: J4724-18DUP      Acquired: 9/13/2018 13:41:28      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |         |        |
|-----------|--------|--------|--------|---------|--------|
| Elem      | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg       | .58638 | 3.400  | .04425 | F<00000 | 18.919 |
| Stddev    | .00113 | .001   | .00001 | .15313  | .044   |
| %RSD      | .19239 | .0168  | .02920 | .62945  | .23153 |
| #1        | .58559 | 3.401  | .04424 | -24.219 | 18.950 |
| #2        | .58718 | 3.400  | .04426 | -24.435 | 18.888 |
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | ln2306  | ln2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg       | 2355.4 | 59365. | 4897.0 | 112.56  | 3312.7 |
| Stddev    | 3.2    | 119.   | 16.3   | .37     | 3.4    |
| %RSD      | .13764 | .20128 | .33264 | .32868  | .10309 |
| #1        | 2353.1 | 59450. | 4885.5 | 112.82  | 3310.2 |
| #2        | 2357.7 | 59281. | 4908.6 | 112.30  | 3315.1 |

Sample Name: J4724-18LX5      Acquired: 9/13/2018 13:45:25      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00731 | .00725 | .17936 | .00195 | .00151 | 11.166 | .04989 |
| Stddev | .00099 | .01521 | .00404 | .00134 | .00009 | .003   | .00049 |
| %RSD   | 13.497 | 209.74 | 2.2510 | 68.470 | 6.0362 | .02930 | .97977 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00801 | .01801  | .17650 | -.00101 | .00145 | 11.168 | .04954 |
| #2 | .00661 | -.00350 | .18221 | -.00290 | .00158 | 11.163 | .05023 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00107 | 1.3738 | .03711 | .01089 | .07456 | 22.431 |
| Stddev | .00007 | .00007 | .0310  | .00009 | .00016 | .00049 | .108   |
| %RSD   | 8.7101 | 6.5451 | 2.2574 | .25183 | 1.4555 | .65517 | .47972 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00080 | .00102 | 1.3518 | .03704 | .01078 | .07421 | 22.355 |
| #2 | .00091 | .00112 | 1.3957 | .03718 | .01100 | .07490 | 22.507 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .40846 | 3.8346 | .07766 | .00224 | .14549 | .03548 | .07570 |
| Stddev | .00363 | .0384  | .00059 | .00022 | .01409 | .00048 | .00090 |
| %RSD   | .88814 | .56109 | .76071 | 9.8868 | 9.6834 | 1.3435 | 1.1879 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .40590 | 6.8075 | .07724 | .00209 | .13553 | .03514 | .07507 |
| #2 | .41103 | 6.8617 | .07808 | .00240 | .15546 | .03581 | .07634 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .90917 | .00028 | .00114 | 1.1096 | .15995 | .00557 | .36543 |
| Stddev | .02758 | .00014 | .00121 | .0117  | .00371 | .00049 | .00255 |
| %RSD   | 3.0338 | 50.132 | 106.05 | 1.0575 | 2.3165 | 8.7867 | .69871 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | .88967 | .00018 | -.00029 | 1.1013 | .15733 | .00522 | .36363 |
| #2 | .92868 | .00038 | -.00200 | 1.1179 | .16257 | .00591 | .36724 |

Sample Name: J4724-18LX5      Acquired: 9/13/2018 13:45:25      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |
|--------|--------|--------|--------|----------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | .09912 | .6432  | .00911 | F<.00000 | 3.6564 |
| Stddev | .01232 | .0108  | .00009 | 1.1607   | .0502  |
| %RSD   | 12.434 | 1.677  | 1.0320 | 10.271   | .75357 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .10784 | .6356 | .00904 | -10.480 | 6.6209 |
| #2 | .09041 | .6509 | .00918 | -12.122 | 6.6918 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2206.2 | 55181. | 4455.4 | 110.06 | 3446.0 |
| Stddev    | 16.0   | 24.    | 15.1   | .05    | 21.1   |
| %RSD      | .72738 | .04261 | .33999 | .04575 | .61209 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2194.9 | 55164. | 4466.1 | 110.03 | 3431.1 |
| #2 | 2217.6 | 55198. | 4444.7 | 110.10 | 3460.9 |

Sample Name: J4724-18MS      Acquired: 9/13/2018 13:49:27      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81682 | 2.1972 | 2.0243 | 1.9625 | .76362 | 57.501 | .46296 |
| Stddev | .00004 | .0131  | .0007  | .0003  | .00307 | .102   | .00054 |
| %RSD   | .00457 | .59449 | .03262 | .01356 | .40184 | .17799 | .11607 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81685 | 2.1879 | 2.0247 | 1.9627 | .76579 | 57.429 | .46334 |
| #2 | .81679 | 2.2064 | 2.0238 | 1.9623 | .76145 | 57.574 | .46258 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20586 | .22313 | 7.7771 | .58105 | .26658 | .62703 | 119.01 |
| Stddev | .00042 | .00037 | .0158  | .00139 | .00004 | .00117 | .16    |
| %RSD   | .20508 | .16644 | .20317 | .23964 | .01675 | .18678 | .13691 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20616 | .22287 | 7.7660 | .58203 | .26654 | .62620 | 119.13 |
| #2 | .20556 | .22339 | 7.7883 | .58006 | .26661 | .62786 | 118.90 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1218 | 35.479 | .93073 | .08378 | 3.9060 | .47332 | .66933 |
| Stddev | .0013  | .153   | .00035 | .00041 | .0100  | .00109 | .00052 |
| %RSD   | .06169 | .43103 | .03784 | .48601 | .25579 | .23012 | .07800 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1227 | 35.371 | .93098 | .08406 | 3.8989 | .47255 | .66896 |
| #2 | 2.1209 | 35.588 | .93048 | .08349 | 3.9130 | .47409 | .66970 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.652 | .39187 | .32887 | 5.8599 | 1.6075 | .76436 | 1.9797 |
| Stddev | .013   | .00000 | .00865 | .0198  | .0010  | .00278 | .0047  |
| %RSD   | .08408 | .00099 | 2.6295 | .33798 | .06268 | .36344 | .23676 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.662 | .39187 | .32275 | 5.8739 | 1.6068 | .76240 | 1.9764 |
| #2 | 15.643 | .39187 | .33498 | 5.8459 | 1.6082 | .76633 | 1.9830 |

Sample Name: J4724-18MS      Acquired: 9/13/2018 13:49:27      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |         |        |
|-----------|--------|--------|--------|---------|--------|
| Elem      | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg       | 2.2369 | 3.207  | .24305 | F<00000 | 18.362 |
| Stddev    | .0010  | .012   | .00179 | .55407  | .221   |
| %RSD      | .04310 | .1280  | .73603 | 2.4838  | 1.2053 |
| #1        | 2.2376 | 9.198  | .24431 | -21.916 | 18.519 |
| #2        | 2.2363 | 9.215  | .24178 | -22.700 | 18.206 |
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306  | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg       | 2324.7 | 58573. | 4808.8 | 110.65  | 3256.7 |
| Stddev    | 2.6    | 35.    | 36.2   | .26     | 6.5    |
| %RSD      | .11095 | .06041 | .75204 | .23840  | .19914 |
| #1        | 2326.6 | 58547. | 4783.2 | 110.46  | 3261.3 |
| #2        | 2322.9 | 58598. | 4834.4 | 110.84  | 3252.1 |

Sample Name: J4724-18MSD      Acquired: 9/13/2018 13:53:15      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82129 | 2.1990 | 2.0245 | 1.9627 | .76540 | 57.839 | .46099 |
| Stddev | .00219 | .0086  | .0018  | .0080  | .00157 | .315   | .00110 |
| %RSD   | .26677 | .38915 | .08999 | .40651 | .20473 | .54375 | .23907 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82284 | 2.2050 | 2.0258 | 1.9571 | .76429 | 57.617 | .46177 |
| #2 | .81974 | 2.1929 | 2.0232 | 1.9684 | .76651 | 58.061 | .46021 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20579 | .22249 | 7.7266 | .58011 | .26554 | .62882 | 119.26 |
| Stddev | .00051 | .00013 | .0132  | .00035 | .00016 | .00266 | 1.63   |
| %RSD   | .24822 | .05634 | .17075 | .06008 | .06209 | .42361 | 1.3680 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20615 | .22240 | 7.7359 | .57986 | .26566 | .62694 | 120.41 |
| #2 | .20543 | .22258 | 7.7172 | .58036 | .26542 | .63071 | 118.10 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1240 | 35.547 | .93373 | .08370 | 3.8906 | .47352 | .66448 |
| Stddev | .0013  | .091   | .00207 | .00054 | .0123  | .00055 | .00094 |
| %RSD   | .06118 | .25569 | .22199 | .64068 | .31514 | .11593 | .14152 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1249 | 35.612 | .93520 | .08408 | 3.8993 | .47313 | .66514 |
| #2 | 2.1231 | 35.483 | .93227 | .08333 | 3.8819 | .47391 | .66381 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.665 | .39309 | .32702 | 5.8762 | 1.6028 | .76982 | 1.9880 |
| Stddev | .045   | .00132 | .00039 | .0175  | .0266  | .00643 | .0117  |
| %RSD   | .28986 | .33560 | .12074 | .29784 | 1.6602 | .83505 | .58811 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.697 | .39216 | .32730 | 5.8885 | 1.6216 | .77437 | 1.9797 |
| #2 | 15.633 | .39403 | .32674 | 5.8638 | 1.5840 | .76528 | 1.9962 |

Sample Name: J4724-18MSD      Acquired: 9/13/2018 13:53:15      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |         |        |
|-----------|--------|--------|--------|---------|--------|
| Elem      | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg       | 2.2314 | 3.193  | .24274 | F<00000 | 17.118 |
| Stddev    | .0106  | .033   | .00103 | 1.4194  | .018   |
| %RSD      | .47623 | .3541  | .42481 | 6.5119  | .10391 |
| #1        | 2.2389 | 9.216  | .24201 | -20.793 | 17.131 |
| #2        | 2.2239 | 9.170  | .24347 | -22.800 | 17.105 |
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306  | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg       | 2327.3 | 58320. | 4833.6 | 110.48  | 3272.1 |
| Stddev    | 2.5    | 161.   | 14.1   | 2.28    | 4.8    |
| %RSD      | .10726 | .27601 | .29127 | 2.0603  | .14684 |
| #1        | 2329.1 | 58434. | 4823.6 | 108.88  | 3268.7 |
| #2        | 2325.6 | 58206. | 4843.5 | 112.09  | 3275.5 |

Sample Name: J4724-18A      Acquired: 9/13/2018 13:57:03      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81403 | 2.1931 | 2.0225 | 1.9607 | .76171 | 57.948 | .46014 |
| Stddev | .00044 | .0040  | .0007  | .0012  | .00153 | .091   | .00125 |
| %RSD   | .05394 | .18327 | .03435 | .06111 | .20059 | .15627 | .27163 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81372 | 2.1960 | 2.0230 | 1.9616 | .76063 | 57.884 | .46103 |
| #2 | .81434 | 2.1903 | 2.0220 | 1.9599 | .76279 | 58.012 | .45926 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20701 | .22278 | 7.7407 | .58235 | .26619 | .62606 | 118.07 |
| Stddev | .00004 | .00049 | .0413  | .00009 | .00044 | .00200 | 1.10   |
| %RSD   | .01968 | .21830 | .53390 | .01509 | .16342 | .31882 | .93113 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20704 | .22312 | 7.7115 | .58241 | .26650 | .62748 | 117.29 |
| #2 | .20698 | .22243 | 7.7700 | .58229 | .26588 | .62465 | 118.85 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.1304 | 35.337 | .92988 | .08347 | 3.8848 | .47583 | .66509 |
| Stddev | .0036  | .046   | .00232 | .00032 | .0155  | .00181 | .00199 |
| %RSD   | .16876 | .12955 | .24945 | .38676 | .39858 | .38136 | .29895 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.1278 | 35.304 | .93152 | .08370 | 3.8738 | .47455 | .66650 |
| #2 | 2.1329 | 35.369 | .92824 | .08324 | 3.8957 | .47711 | .66369 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.626 | .39257 | .32833 | 5.8714 | 1.5943 | .77020 | 1.9792 |
| Stddev | .052   | .00097 | .00985 | .0164  | .0028  | .00323 | .0066  |
| %RSD   | .33011 | .24622 | 2.9988 | .27963 | .17696 | .41878 | .33485 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.662 | .39325 | .32137 | 5.8830 | 1.5963 | .77248 | 1.9745 |
| #2 | 15.589 | .39189 | .33530 | 5.8598 | 1.5923 | .76792 | 1.9839 |

Sample Name: J4724-18A      Acquired: 9/13/2018 13:57:03      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |         |        |
|-----------|--------|--------|--------|---------|--------|
| Elem      | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg       | 2.2359 | 9.207  | 24144  | F<00000 | 17.147 |
| Stddev    | .0143  | .004   | .00035 | .07971  | .789   |
| %RSD      | .63954 | .0489  | .14529 | .36870  | 4.5990 |
| #1        | 2.2460 | 9.210  | .24119 | -21.675 | 16.589 |
| #2        | 2.2257 | 9.204  | .24169 | -21.563 | 17.704 |
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | ln2306  | ln2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg       | 2328.9 | 58194. | 4842.6 | 111.70  | 3261.9 |
| Stddev    | 15.3   | 73.    | 13.5   | .64     | 19.7   |
| %RSD      | .65676 | .12501 | .27855 | .57098  | .60492 |
| #1        | 2318.1 | 58143. | 4833.0 | 112.16  | 3247.9 |
| #2        | 2339.7 | 58245. | 4852.1 | 111.25  | 3275.8 |

Sample Name: J4838-07      Acquired: 9/13/2018 14:00:50      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04679 | .02649 | 2.5328 | .01198 | .00242 | 139.41 | .89256 |
| Stddev | .00203 | .00148 | .0011  | .00877 | .00061 | .27    | .00580 |
| %RSD   | 4.3393 | 5.5766 | .04462 | 73.208 | 25.069 | .19081 | .65030 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .04535 | -.02545 | 2.5336 | -.00578 | .00199 | 139.22 | .89667 |
| #2 | .04822 | -.02754 | 2.5320 | -.01818 | .00284 | 139.59 | .88846 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00714 | .00916 | 30.520 | .27998 | .14869 | .41089 | .294.29 |
| Stddev | .00002 | .00042 | .086   | .00353 | .00014 | .00422 | 4.81    |
| %RSD   | .25950 | 4.5751 | .28246 | 1.2617 | .09280 | 1.0282 | 1.6336  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00713 | .00886 | 30.581 | .27748 | .14859 | .40790 | 297.69 |
| #2 | .00715 | .00946 | 30.459 | .28247 | .14878 | .41387 | 290.89 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.6850 | 55.192 | .22382 | .01283 | 10.678 | .46265 | 3.2997 |
| Stddev | .0133  | .225   | .00053 | .00051 | .071   | .00127 | .0075  |
| %RSD   | .23392 | .40702 | .23466 | 3.9912 | .66372 | .27374 | .22811 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.6756 | 55.351 | .22419 | .01320 | 10.728 | .46176 | 3.2944 |
| #2 | 5.6944 | 55.033 | .22345 | .01247 | 10.628 | .46355 | 3.3050 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 15.857 | .00234 | .11665 | 1.6007 | 1.1724 | .02903 | 4.2534 |
| Stddev | .099   | .00027 | .01331 | .0028  | .0067  | .00153 | .0288  |
| %RSD   | .62365 | 11.726 | 11.408 | .17547 | .57115 | 5.2635 | .67603 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.927 | .00254 | .12606 | 1.6027 | 1.1676 | .02795 | 4.2330 |
| #2 | 15.787 | .00215 | .10724 | 1.5988 | 1.1771 | .03011 | 4.2737 |

Sample Name: J4838-07      Acquired: 9/13/2018 14:00:50      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | 1.3984  | 10.36   | .17891  | F<00000 | 28.991 |
| Stddev    | .0039   | .00     | .00049  | 1.9715  | .533   |
| %RSD      | .28153  | .0260   | .27556  | 4.6854  | 1.8379 |
| #1        | 1.3956  | 10.36   | .17926  | -43.472 | 28.614 |
| #2        | 1.4012  | 10.35   | .17856  | -40.683 | 29.368 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2442.3  | 30711.  | 5190.9  | 109.70  | 3062.8 |
| Stddev    | 13.7    | 30.     | 10.7    | 2.60    | 11.3   |
| %RSD      | .55907  | .04901  | .20595  | 2.3689  | .36893 |
| #1        | 2452.0  | 60690.  | 5183.3  | 107.87  | 3070.8 |
| #2        | 2432.7  | 60733.  | 5198.4  | 111.54  | 3054.8 |

Sample Name: J4838-08      Acquired: 9/13/2018 14:04:55      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06583 | .02753 | 3.4684 | .01225 | .00131 | 200.21 | 1.7837 |
| Stddev | .00233 | .00115 | .0759  | .00104 | .00183 | .10    | .0333  |
| %RSD   | 3.5326 | 4.1749 | 2.1884 | 8.5001 | 140.07 | .05202 | 1.8682 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .06748 | -.02672 | 3.5221 | -.01298 | .00001 | 200.28 | 1.8073 |
| #2 | .06419 | -.02835 | 3.4148 | -.01151 | .00260 | 200.13 | 1.7601 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00914 | .01285 | 41.281 | .27927 | .16411 | .47789 | 324.57 |
| Stddev | .00004 | .00075 | .544   | .00398 | .00444 | .00786 | 6.76   |
| %RSD   | .47382 | 5.8561 | 1.3175 | 1.4239 | 2.7079 | 1.6444 | 2.0836 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00911 | .01338 | 41.666 | .27645 | .16725 | .48345 | 329.35 |
| #2 | .00917 | .01232 | 40.897 | .28208 | .16097 | .47233 | 319.78 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.3432 | 57.215 | .27808 | .01571 | 4.4482 | .48549 | 2.3161 |
| Stddev | .0482  | .553   | .00555 | .00091 | .0719  | .00112 | .0542  |
| %RSD   | .65653 | .96597 | 1.9965 | 5.7689 | 1.6169 | .23104 | 2.3395 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.3091 | 57.606 | .28200 | .01635 | 4.4991 | .48470 | 2.3544 |
| #2 | 7.3773 | 56.824 | .27415 | .01506 | 4.3974 | .48629 | 2.2778 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.861 | .00105 | .15484 | 1.7130 | 1.6561 | .06814 | 3.4168 |
| Stddev | .212   | .00002 | .01262 | .0428  | .0293  | .00095 | .0670  |
| %RSD   | 1.4236 | 1.8939 | 8.1478 | 2.4967 | 1.7681 | 1.3955 | 1.9608 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.010 | .00104 | .14592 | 1.7433 | 1.6769 | .06882 | 3.4642 |
| #2 | 14.711 | .00107 | .16376 | 1.6828 | 1.6354 | .06747 | 3.3694 |

Sample Name: J4838-08      Acquired: 9/13/2018 14:04:55      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | 1.6536  | 11.03   | .21815  | F<00000 | 29.683 |
| Stddev    | .0372   | .25     | .00417  | 2.0265  | .457   |
| %RSD      | 2.2477  | 2.247   | 1.9122  | 4.2818  | 1.5393 |
| #1        | 1.6799  | 11.21   | .22110  | -48.762 | 29.360 |
| #2        | 1.6273  | 10.86   | .21520  | -45.896 | 30.006 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2516.2  | 32531.  | 5410.5  | 106.95  | 2972.2 |
| Stddev    | 30.2    | 327.    | 56.7    | 1.71    | 62.1   |
| %RSD      | 1.1999  | .52357  | 1.0476  | 1.5981  | 2.0884 |
| #1        | 2494.8  | 62762.  | 5370.4  | 105.74  | 2928.3 |
| #2        | 2537.5  | 62299.  | 5450.6  | 108.16  | 3016.1 |

Sample Name: CCV02      Acquired: 9/13/2018 14:08:59      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9892 | 5.1306 | 5.2518 | 5.0573 | 5.0726 | 10.539 | 10.439 | .26692 |
| Stddev | .0026  | .0056  | .0225  | .0106  | .0103  | .059   | .079   | .00053 |
| %RSD   | .05116 | .10912 | .42764 | .20990 | .20315 | .55700 | .75392 | .20015 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9874 | 5.1346 | 5.2676 | 5.0649 | 5.0799 | 10.581 | 10.383 | .26654 |
| #2 | 4.9910 | 5.1266 | 5.2359 | 5.0498 | 5.0653 | 10.498 | 10.494 | .26730 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5175 | 26.278 | 1.0614 | 2.5441 | 1.2930 | 5.0360 | 2.6638 | 26.029 |
| Stddev | .0026  | .059   | .0018  | .0000  | .0018  | .1057  | .0037  | .124   |
| %RSD   | .10307 | .22419 | .17272 | .00055 | .14080 | 2.0980 | .13723 | .47589 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5193 | 26.236 | 1.0627 | 2.5441 | 1.2943 | 5.1107 | 2.6612 | 25.941 |
| #2 | 2.5157 | 26.320 | 1.0601 | 2.5441 | 1.2918 | 4.9613 | 2.6664 | 26.117 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5347 | 1.3096 | 25.709 | 2.6434 | 2.5864 | 25.417 | 5.1090 | 5.2278 |
| Stddev | .0040  | .0050  | .158   | .0090  | .0053  | .140   | .0108  | .0148  |
| %RSD   | .15647 | .37877 | .61387 | .34059 | .20311 | .55073 | .21200 | .28301 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5375 | 1.3131 | 25.597 | 2.6371 | 2.5901 | 25.318 | 5.1167 | 5.2173 |
| #2 | 2.5319 | 1.3061 | 25.820 | 2.6498 | 2.5827 | 25.516 | 5.1013 | 5.2382 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 5.0360 | 5.1963 | 5.1154 | 5.2873 | 5.4021 | 5.001  | 5.2698 | F 2.2976 |
| Stddev | .0240  | .0437  | .0102  | .0222  | .0191  | .022   | .0543  | .8638    |
| %RSD   | .47701 | .83999 | .19860 | .42049 | .35433 | .4325  | 1.0299 | 37.594   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 5.0530 | 5.1654 | 5.1226 | 5.2716 | 5.3885 | 5.016 | 5.2314 | 2.9083 |
| #2 | 5.0190 | 5.2271 | 5.1082 | 5.3031 | 5.4156 | 4.986 | 5.3081 | 1.6868 |

Sample Name: CCV02      Acquired: 9/13/2018 14:08:59      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 2.0745 |
| Stddev | .3279               |
| %RSD   | 15.806              |

|    |        |
|----|--------|
| #1 | 2.3063 |
| #2 | 1.8426 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2069.7  | 51012.  | 4218.9  | 106.90 | 3145.7 |
| Stddev    | 8.1     | 117.    | 24.7    | 1.34   | 11.9   |
| %RSD      | .39143  | .22910  | .58651  | 1.2535 | .37865 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2064.0 | 50929. | 4236.4 | 105.95 | 3137.3 |
| #2 | 2075.5 | 51095. | 4201.4 | 107.85 | 3154.1 |

Sample Name: CCB02      Acquired: 9/13/2018 14:12:46      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00105 | .00026 | F.00339 | .00312 | .00074 | .00297 | .00171 |
| Stddev | .00019 | .00018 | .00065  | .00056 | .00113 | .00780 | .00001 |
| %RSD   | 18.335 | 68.261 | 19.112  | 18.090 | 153.95 | 262.76 | .49070 |

|    |        |        |        |        |         |         |         |
|----|--------|--------|--------|--------|---------|---------|---------|
| #1 | .00091 | .00039 | .00293 | .00272 | .00154  | .00255  | -.00172 |
| #2 | .00118 | .00013 | .00385 | .00352 | -.00007 | -.00849 | -.00171 |

|        |         |        |         |         |        |        |        |
|--------|---------|--------|---------|---------|--------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736  | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.00009 | .00000 | -.01117 | -.00035 | .00005 | .00054 | .00482 |
| Stddev | .00007  | .0000  | .01581  | .00025  | .00010 | .00009 | .00218 |
| %RSD   | 79.021  | 43318. | 141.53  | 69.990  | 180.35 | 16.982 | 45.092 |

|    |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00004 | .00003  | .00001  | -.00018 | -.00002 | .00060 | .00636 |
| #2 | -.00015 | -.00003 | -.02234 | -.00053 | .00012  | .00047 | .00329 |

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .01027 | -.00040 | .00027 | .05985 | .00039 | .00002 |
| Stddev | .00004 | .04865 | .00029  | .00012 | .00919 | .00006 | .00002 |
| %RSD   | 73.632 | 473.51 | 71.778  | 45.140 | 15.357 | 14.585 | 72.945 |

|    |        |         |         |        |         |         |        |
|----|--------|---------|---------|--------|---------|---------|--------|
| #1 | .00008 | .04467  | -.00061 | .00018 | -.06635 | -.00043 | .00003 |
| #2 | .00003 | -.02413 | -.00020 | .00035 | -.05335 | -.00035 | .00001 |

|        |         |        |        |         |        |        |        |
|--------|---------|--------|--------|---------|--------|--------|--------|
| Elem   | K_7664  | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm     | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | -.30807 | .00024 | .00570 | F.00579 | .00642 | .00144 | .00066 |
| Stddev | .05774  | .00016 | .00140 | .00573  | .00026 | .00054 | .00091 |
| %RSD   | 18.743  | 65.781 | 24.631 | 98.983  | 4.0953 | 37.545 | 136.14 |

|    |         |        |        |        |        |        |         |
|----|---------|--------|--------|--------|--------|--------|---------|
| #1 | -.26724 | .00013 | .00471 | .00983 | .00623 | .00106 | -.00130 |
| #2 | -.34890 | .00035 | .00669 | .00174 | .00660 | .00183 | -.00002 |

Sample Name: CCB02      Acquired: 9/13/2018 14:12:46      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707                                    | P_1774  | Sr4077  | U_3670                                    | U_3859                                    |
|-----------|-------------------------------------------|---------|---------|-------------------------------------------|-------------------------------------------|
| Units     | ppm                                       | ppm     | ppm     | ppm                                       | ppm                                       |
| Avg       | <span style="color: red;">F</span> .02101 | .0009   | .00014  | <span style="color: red;">F</span> <00000 | <span style="color: red;">F</span> <00000 |
| Stddev    | .00828                                    | .0002   | .00012  | 2.3043                                    | .08797                                    |
| %RSD      | 39.412                                    | 18.52   | 89.240  | 26.776                                    | 18.931                                    |
| #1        | -.02687                                   | -.0008  | .00023  | -6.9765                                   | -.52690                                   |
| #2        | -.01516                                   | -.0010  | .00005  | -10.235                                   | -.40249                                   |
| Int. Std. | Y_ 2243                                   | Y_ 3600 | Y_ 3710 | ln2306                                    | ln2306                                    |
| Units     | Cts/S                                     | Cts/S   | Cts/S   | Cts/S                                     | Cts/S                                     |
| Avg       | 2168.6                                    | 53752.  | 4310.4  | 112.10                                    | 3541.5                                    |
| Stddev    | 11.9                                      | 373.    | 23.5    | 4.52                                      | 21.2                                      |
| %RSD      | .55017                                    | .69384  | .54508  | 4.0299                                    | .59904                                    |
| #1        | 2160.2                                    | 53488.  | 4327.0  | 115.29                                    | 3526.5                                    |
| #2        | 2177.1                                    | 54016.  | 4293.8  | 108.90                                    | 3556.5                                    |

Sample Name: PB112812BL      Acquired: 9/13/2018 14:16:53      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00064 | .00106 | .00375 | .00026 | .00115 | .01241 | .00229 |
| Stddev | .00103 | .00225 | .00035 | .00516 | .00015 | .02216 | .00022 |
| %RSD   | 160.12 | 211.98 | 9.3715 | 1955.1 | 13.217 | 178.60 | 9.5539 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00009 | .00053  | .00351 | .00391  | .00105 | .00326  | -.00245 |
| #2 | .00138  | -.00265 | .00400 | -.00339 | .00126 | -.02808 | -.00214 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00003 | .02780 | .00038 | .00010 | .00067 | .00521 |
| Stddev | .00003 | .00001 | .00907 | .00013 | .00009 | .00013 | .01001 |
| %RSD   | 41.301 | 29.009 | 32.612 | 35.308 | 90.568 | 19.469 | 192.19 |

|    |         |        |         |         |        |        |         |
|----|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00010 | .00004 | -.03421 | -.00028 | .00004 | .00058 | .01229  |
| #2 | -.00005 | .00003 | -.02139 | -.00047 | .00017 | .00077 | -.00187 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .02793 | .00033 | .00055 | .06274 | .00003 | .00005 |
| Stddev | .00003 | .03409 | .00001 | .00025 | .00624 | .00019 | .00002 |
| %RSD   | 107.06 | 122.07 | 4.5796 | 46.015 | 9.9413 | 653.11 | 43.534 |

|    |        |         |         |        |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|
| #1 | .00001 | -.05204 | -.00034 | .00073 | -.06715 | .00016  | -.00003 |
| #2 | .00005 | -.00382 | -.00032 | .00037 | -.05833 | -.00011 | -.00006 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .31506 | .00001 | .00196 | .00435 | .00489 | .00013 | .00101 |
| Stddev | .02990 | .00009 | .00348 | .00110 | .00267 | .00041 | .00040 |
| %RSD   | 9.4888 | 975.73 | 177.29 | 25.232 | 54.695 | 305.37 | 39.590 |

|    |         |         |         |        |        |         |        |
|----|---------|---------|---------|--------|--------|---------|--------|
| #1 | -.33620 | -.00007 | .00443  | .00357 | .00678 | .00016  | .00129 |
| #2 | -.29392 | .00005  | -.00050 | .00513 | .00300 | -.00042 | .00072 |

Sample Name: PB112812BL      Acquired: 9/13/2018 14:16:53      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01645  | .0002   | .00003  | F<00000 | .00272  |
| Stddev    | .01181  | .0014   | .00001  | .96398  | .25977  |
| %RSD      | 71.771  | 716.6   | 36.750  | 11.049  | 9537.6  |
| #1        | -.02480 | .0008   | -.00002 | -9.4064 | -.18096 |
| #2        | -.00810 | -.0012  | -.00003 | -8.0432 | .18641  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2169.9  | 53744.  | 4306.0  | 109.50  | 3537.8  |
| Stddev    | 8.2     | 38.     | 29.1    | 1.20    | 13.8    |
| %RSD      | .37861  | .07159  | .67537  | 1.0958  | .39111  |
| #1        | 2164.1  | 53717.  | 4285.5  | 108.65  | 3528.1  |
| #2        | 2175.7  | 53771.  | 4326.6  | 110.35  | 3547.6  |

Sample Name: PB112812BS      Acquired: 9/13/2018 14:29:11      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78669 | 2.0319 | 1.0280 | 1.9688 | .80236 | 2.3194 | .21097 |
| Stddev | .00212 | .0050  | .0026  | .0008  | .00017 | .1588  | .00054 |
| %RSD   | .26981 | .24420 | .24874 | .04250 | .02073 | 6.8451 | .25816 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78819 | 2.0284 | 1.0261 | 1.9694 | .80247 | 2.2071 | .21058 |
| #2 | .78519 | 2.0354 | 1.0298 | 1.9682 | .80224 | 2.4317 | .21135 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22186 | .18567 | .94745 | .47403 | .19399 | .32751 | 2.9565 |
| Stddev | .01410 | .00000 | .01610 | .02916 | .00054 | .00022 | .0285  |
| %RSD   | 6.3559 | .00072 | 1.6990 | 6.1512 | .27841 | .06735 | .96308 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21189 | .18567 | .95883 | .45341 | .19437 | .32767 | 2.9363 |
| #2 | .23183 | .18567 | .93606 | .49465 | .19361 | .32736 | 2.9766 |

|        |          |        |        |        |        |          |        |
|--------|----------|--------|--------|--------|--------|----------|--------|
| Elem   | Mn2576   | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924   | Zn2138 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | F .24620 | 1.9674 | .48334 | .08106 | 3.1561 | F .36390 | .18269 |
| Stddev | .01529   | .0210  | .00072 | .00499 | .0123  | .02235   | .00034 |
| %RSD   | 6.2104   | 1.0699 | .14834 | 6.1549 | .39109 | 6.1418   | .18588 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23539 | 1.9525 | .48385 | .07753 | 3.1474 | .34809 | .18293 |
| #2 | .25701 | 1.9823 | .48284 | .08458 | 3.1648 | .37970 | .18245 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 9.8624 | .40807 | .31780 | F .00265 | .91734 | .68662 | .20927 |
| Stddev | .0291  | .00078 | .00601 | .00328   | .01231 | .00036 | .00174 |
| %RSD   | .29554 | .19092 | 1.8909 | 123.91   | 1.3424 | .05286 | .82924 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.8418 | .40863 | .32205 | .00033 | .90864 | .68636 | .20805 |
| #2 | 9.8830 | .40752 | .31355 | .00497 | .92605 | .68687 | .21050 |

Sample Name: PB112812BS      Acquired: 9/13/2018 14:29:11      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |          |        |        |         |         |
|--------|----------|--------|--------|---------|---------|
| Elem   | Li6707   | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm      | ppm    | ppm    | ppm     | ppm     |
| Avg    | F 1.7398 | 5.073  | .20715 | F<00000 | F<00000 |
| Stddev | .0091    | .014   | .00050 | 7.7259  | .39225  |
| %RSD   | .52461   | .2761  | .24340 | 47.257  | 47.867  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | 1.7333 | 5.083 | .20679 | -21.812 | -.54211 |
| #2 | 1.7462 | 5.063 | .20750 | -10.886 | -1.0968 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2101.3  | 47804.  | 4417.1  | 113.65 | 3430.3 |
| Stddev    | 10.0    | 2468.   | 11.7    | .36    | 17.9   |
| %RSD      | .47662  | 5.1626  | .26581  | .31534 | .52110 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2094.2 | 49550. | 4408.8 | 113.39 | 3417.7 |
| #2 | 2108.4 | 46059. | 4425.4 | 113.90 | 3442.9 |

Sample Name: PB112812TB      Acquired: 9/13/2018 14:33:04      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00053 | .00189 | .00552 | .00417 | .00167 | .00755 | .00318 |
| Stddev | .00233 | .00080 | .00041 | .00106 | .00117 | .01543 | .00000 |
| %RSD   | 439.64 | 42.025 | 7.4073 | 25.371 | 69.866 | 204.49 | .02735 |

|    |         |         |        |        |        |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00217 | -.00133 | .00523 | .00342 | .00085 | -.01846 | -.00318 |
| #2 | .00112  | -.00246 | .00581 | .00492 | .00250 | .00337  | -.00318 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | .00008 | .02673 | .00069 | .00018 | .00105 | .00070 |
| Stddev | .00003 | .00007 | .00809 | .00024 | .00020 | .00033 | .00355 |
| %RSD   | 15.382 | 85.969 | 30.257 | 33.917 | 110.88 | 31.877 | 506.43 |

|    |         |         |         |        |         |        |         |
|----|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00024 | -.00012 | -.03245 | .00086 | -.00004 | .00129 | -.00181 |
| #2 | -.00019 | -.00003 | -.02101 | .00053 | -.00031 | .00081 | .00321  |

|        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00022 | .00953 | .00047 | .00024 | F_298.87 | .00096 | .00207 |
| Stddev | .00000 | .03913 | .00045 | .00008 | 1.74     | .00032 | .00010 |
| %RSD   | 2.0880 | 410.70 | 95.497 | 31.797 | .58186   | 33.108 | 4.6887 |

|    |        |         |         |        |        |         |        |
|----|--------|---------|---------|--------|--------|---------|--------|
| #1 | .00022 | .03720  | -.00079 | .00019 | 300.10 | -.00073 | .00214 |
| #2 | .00023 | -.01814 | -.00015 | .00029 | 297.64 | -.00118 | .00200 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .30062 | .00011 | .00049 | .00931 | .00788 | .00164 | .00071 |
| Stddev | .01832 | .00029 | .00287 | .00419 | .00215 | .00043 | .00048 |
| %RSD   | 6.0948 | 265.14 | 590.17 | 45.013 | 27.282 | 26.223 | 68.139 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | -.28767 | .00031  | -.00252 | .00635 | .00636 | .00194 | .00105 |
| #2 | -.31358 | -.00009 | .00155  | .01227 | .00940 | .00133 | .00037 |

Sample Name: PB112812TB      Acquired: 9/13/2018 14:33:04      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00506 | .0017  | .00002 | F<.00000 | F.56312 |
| Stddev | .01989 | .0019  | .00008 | 1.3384   | .00373  |
| %RSD   | 392.74 | 108.4  | 417.98 | 182.89   | .66320  |

|    |         |       |         |         |        |
|----|---------|-------|---------|---------|--------|
| #1 | -.00900 | .0004 | .00008  | .21460  | .56048 |
| #2 | .01913  | .0030 | -.00004 | -1.6782 | .56576 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2014.6  | 43837.  | 4350.9  | 110.56 | 3106.4 |
| Stddev    | 8.3     | 87.     | .5      | .29    | 8.9    |
| %RSD      | .41362  | .19846  | .01064  | .26358 | .28724 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2008.7 | 43898. | 4351.2 | 110.35 | 3100.1 |
| #2 | 2020.4 | 43775. | 4350.6 | 110.77 | 3112.7 |

Sample Name: J4882-02      Acquired: 9/13/2018 14:37:19      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00203 | .00306 | .00535 | .00224 | .00207 | .04590 | .04518 |
| Stddev | .00122 | .00101 | .00014 | .00628 | .00043 | .01167 | .00091 |
| %RSD   | 59.989 | 32.939 | 2.5633 | 280.63 | 20.728 | 25.414 | 2.0135 |

|    |         |         |        |         |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|
| #1 | -.00117 | -.00377 | .00545 | .00667  | .00237 | .05415 | .04454 |
| #2 | -.00289 | -.00234 | .00525 | -.00220 | .00177 | .03765 | .04583 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .00015 | 9.2331 | .00030 | .00025 | .00063 | .05633 |
| Stddev | .00007 | .00015 | .0364  | .00088 | .00021 | .00025 | .01225 |
| %RSD   | 51.399 | 94.600 | .39442 | 292.01 | 82.059 | 40.038 | 21.753 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00017 | -.00026 | 9.2589 | .00092  | -.00040 | .00081 | .06500 |
| #2 | -.00008 | -.00005 | 9.2074 | -.00032 | -.00011 | .00045 | .04767 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04361 | 1.1380 | .00020 | .00070 | 35.136 | .00256 | .02169 |
| Stddev | .00006 | .0024  | .00038 | .00011 | .283   | .00003 | .00003 |
| %RSD   | .14306 | .20618 | 195.99 | 16.281 | .43395 | 1.0896 | .15101 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | .04356 | 1.1396 | .00047  | .00078 | 65.336 | .00254 | .02167 |
| #2 | .04365 | 1.1363 | -.00008 | .00062 | 64.936 | .00258 | .02171 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9256 | .00607 | .04167 | 4.8397 | 1.5673 | .00148 | .00175 |
| Stddev | .0333  | .00029 | .01519 | .0109  | .0069  | .00007 | .00095 |
| %RSD   | .84806 | 4.7406 | 36.449 | .22526 | .44157 | 4.5889 | 54.273 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | 3.9492 | .00586 | .05241 | 4.8474 | 1.5624 | -.00153 | .00242 |
| #2 | 3.9021 | .00627 | .03093 | 4.8320 | 1.5722 | -.00143 | .00108 |

Sample Name: J4882-02      Acquired: 9/13/2018 14:37:19      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01066  | .0492   | .04869  | F<00000 | .49116  |
| Stddev    | .00961  | .0012   | .00008  | .82336  | .95756  |
| %RSD      | 90.222  | 2.348   | .15716  | 12.771  | 194.96  |
| #1        | .00386  | .0500   | .04874  | -5.8652 | -.18594 |
| #2        | .01745  | .0484   | .04863  | -7.0296 | 1.1683  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2109.5  | 46720.  | 4339.0  | 111.29  | 3356.1  |
| Stddev    | 10.3    | 67.     | 20.0    | .08     | 8.7     |
| %RSD      | .49003  | .14429  | .46175  | .07366  | .25972  |
| #1        | 2102.2  | 46672.  | 4324.8  | 111.35  | 3349.9  |
| #2        | 2116.8  | 46768.  | 4353.2  | 111.23  | 3362.2  |

Sample Name: J4882-02DUP      Acquired: 9/13/2018 14:41:27      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00062 | .00148 | .00563 | .00570 | .00173 | .05419 | .04404 |
| Stddev | .00032 | .00122 | .00002 | .00072 | .00013 | .00269 | .00082 |
| %RSD   | 51.760 | 82.129 | .41899 | 12.623 | 7.5826 | 4.9618 | 1.8596 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00040 | -.00062 | .00562 | .00621 | .00163 | .05609 | .04346 |
| #2 | -.00085 | -.00234 | .00565 | .00519 | .00182 | .05229 | .04462 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00010 | 9.2925 | .00012 | .00017 | .00086 | .05855 |
| Stddev | .00006 | .00001 | .0214  | .00020 | .00019 | .00006 | .00303 |
| %RSD   | 30.261 | 6.4022 | .23075 | 168.50 | 113.88 | 6.9370 | 5.1803 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00015 | -.00010 | 9.2773 | -.00002 | -.00003 | .00090 | .06069 |
| #2 | -.00024 | -.00009 | 9.3076 | .00026  | -.00030 | .00081 | .05640 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04318 | 1.0915 | .00006 | .00002 | 35.662 | .00260 | .02265 |
| Stddev | .00003 | .0570  | .00093 | .00040 | .091   | .00039 | .00004 |
| %RSD   | .07764 | 5.2183 | 1580.7 | 2308.1 | .13841 | 14.936 | .16697 |

|    |        |        |         |         |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|
| #1 | .04320 | 1.0512 | .00060  | -.00027 | 65.726 | .00288 | .02262 |
| #2 | .04315 | 1.1318 | -.00071 | .00030  | 65.597 | .00233 | .02267 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9247 | .00584 | .05432 | 4.8685 | 1.5890 | .00115 | .00260 |
| Stddev | .0090  | .00012 | .00689 | .0029  | .0056  | .00080 | .00046 |
| %RSD   | .22908 | 2.0714 | 12.691 | .05923 | .35038 | 69.630 | 17.901 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | 3.9311 | .00593 | .04944 | 4.8705 | 1.5930 | -.00058 | .00293 |
| #2 | 3.9184 | .00575 | .05919 | 4.8664 | 1.5851 | -.00171 | .00227 |

Sample Name: J4882-02DUP      Acquired: 9/13/2018 14:41:27      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .00598  | .0496   | .04901  | F<00000 | <00000  |
| Stddev    | .00605  | .0010   | .00012  | .13613  | .62227  |
| %RSD      | 101.31  | 1.957   | .24784  | 3.9057  | 564.12  |
| #1        | .00170  | .0489   | .04893  | -3.5816 | -.55032 |
| #2        | .01026  | .0503   | .04910  | -3.3891 | .32970  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2098.0  | 46549.  | 4292.0  | 110.13  | 3337.6  |
| Stddev    | 9.4     | 83.     | 22.1    | .13     | 18.4    |
| %RSD      | .44592  | .17923  | .51402  | .11988  | .55271  |
| #1        | 2091.4  | 46490.  | 4276.4  | 110.23  | 3324.5  |
| #2        | 2104.6  | 46608.  | 4307.6  | 110.04  | 3350.6  |

Sample Name: J4882-02LX5      Acquired: 9/13/2018 14:45:33      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00035 | .00586 | .00019 | .00111 | .02123 | .00809 |
| Stddev | .00057 | .00035 | .00077 | .00018 | .00073 | .02779 | .00023 |
| %RSD   | 825.72 | 101.05 | 13.191 | 96.606 | 65.353 | 130.85 | 2.8951 |

|    |         |        |        |         |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00033 | .00010 | .00641 | -.00006 | .00060 | .00159 | .00825 |
| #2 | .00047  | .00060 | .00532 | -.00032 | .00163 | .04088 | .00792 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00004 | 1.9011 | .00034 | .00010 | .00070 | .01825 |
| Stddev | .00001 | .00010 | .0238  | .00076 | .00014 | .00023 | .00772 |
| %RSD   | 39.851 | 271.59 | 1.2534 | 226.71 | 132.44 | 33.386 | 42.277 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00004 | -.00011 | 1.8842 | .00020  | -.00001 | .00086 | .02371 |
| #2 | -.00002 | .00004  | 1.9179 | -.00088 | -.00020 | .00053 | .01280 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00905 | .19945 | .00012 | .00028 | 13.116 | .00095 | .00417 |
| Stddev | .00003 | .04478 | .00011 | .00032 | .016   | .00105 | .00006 |
| %RSD   | .33615 | 22.452 | 88.733 | 112.72 | .12289 | 110.61 | 1.4801 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00902 | .23111 | -.00020 | .00050 | 13.105 | .00169 | .00421 |
| #2 | .00907 | .16779 | -.00005 | .00006 | 13.127 | .00021 | .00412 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .49958 | .00112 | .00437 | .98151 | .34096 | .00066 | .00284 |
| Stddev | .00903 | .00006 | .00748 | .00175 | .00189 | .00067 | .00012 |
| %RSD   | 1.8069 | 5.6772 | 170.98 | .17867 | .55542 | 101.74 | 4.2231 |

|    |        |        |         |        |        |         |        |
|----|--------|--------|---------|--------|--------|---------|--------|
| #1 | .50597 | .00116 | -.00091 | .98275 | .34230 | -.00114 | .00275 |
| #2 | .49320 | .00107 | .00966  | .98027 | .33962 | -.00019 | .00292 |

Sample Name: J4882-02LX5      Acquired: 9/13/2018 14:45:33      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .00136  | .0097   | .01001  | F<00000 | <00000  |
| Stddev    | .00523  | .0001   | .00002  | .57524  | .15047  |
| %RSD      | 386.11  | 1.307   | .15547  | 7.1253  | 49.377  |
| #1        | .00235  | .0098   | .01002  | -7.6664 | -.19834 |
| #2        | -.00506 | .0096   | .01000  | -8.4799 | -.41113 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2151.4  | 47753.  | 4291.4  | 111.80  | 3478.1  |
| Stddev    | 1.4     | 108.    | 7.2     | .37     | 3.9     |
| %RSD      | .06456  | .22575  | .16741  | .33294  | .11290  |
| #1        | 2152.4  | 47677.  | 4296.5  | 112.06  | 3475.4  |
| #2        | 2150.4  | 47829.  | 4286.3  | 111.54  | 3480.9  |

Sample Name: J4882-02MS      Acquired: 9/13/2018 14:49:41      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81490 | 2.0872 | 1.0698 | 2.0351 | .81451 | 2.3863 | .25741 |
| Stddev | .00091 | .0031  | .0013  | .0103  | .00484 | .0086  | .00016 |
| %RSD   | .11170 | .14920 | .11943 | .50772 | .59438 | .35910 | .06191 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81554 | 2.0849 | 1.0707 | 2.0425 | .81794 | 2.3923 | .25752 |
| #2 | .81426 | 2.0894 | 1.0689 | 2.0278 | .81109 | 2.3802 | .25730 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23314 | .19413 | 10.069 | .49737 | .20113 | .31295 | 3.2420 |
| Stddev | .00069 | .00058 | .103   | .00055 | .00083 | .00094 | .1067  |
| %RSD   | .29632 | .29696 | 1.0259 | .10996 | .41504 | .29908 | 3.2910 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23265 | .19454 | 9.9956 | .49698 | .20172 | .31229 | 3.1665 |
| #2 | .23362 | .19373 | 10.142 | .49776 | .20054 | .31361 | 3.3174 |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .28719 | 3.0936 | .50711 | .08448 | .37.759 | .36546 | .20661 |
| Stddev | .00031 | .0246  | .00003 | .00046 | .436    | .00005 | .00057 |
| %RSD   | .10642 | .79536 | .00584 | .54987 | .64326  | .01234 | .27804 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28697 | 3.0762 | .50713 | .08415 | 67.451 | .36543 | .20702 |
| #2 | .28741 | 3.1110 | .50709 | .08480 | 68.067 | .36549 | .20621 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.265 | .41862 | .35052 | 4.7940 | 2.5465 | .72579 | .22172 |
| Stddev | .085   | .00071 | .00047 | .0059  | .0378  | .00235 | .00287 |
| %RSD   | .59262 | .17075 | .13318 | .12345 | 1.4852 | .32445 | 1.2923 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.205 | .41913 | .35019 | 4.7981 | 2.5197 | .72413 | .21970 |
| #2 | 14.325 | .41812 | .35085 | 4.7898 | 2.5732 | .72746 | .22375 |

Sample Name: J4882-02MS      Acquired: 9/13/2018 14:49:41      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | 1.7680  | 5.562   | .25622  | F<00000 | <00000  |
| Stddev    | .0010   | .001    | .00130  | .03948  | .09409  |
| %RSD      | .05956  | .0130   | .50665  | 1.2080  | 112.17  |
| #1        | 1.7687  | 5.563   | .25530  | -3.2405 | -.01735 |
| #2        | 1.7672  | 5.562   | .25714  | -3.2963 | -.15041 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2084.6  | 46603.  | 4272.7  | 109.23  | 3289.1  |
| Stddev    | 7.8     | 147.    | 30.1    | 3.90    | 12.8    |
| %RSD      | .37436  | .31557  | .70388  | 3.5738  | .38869  |
| #1        | 2079.1  | 46499.  | 4294.0  | 111.99  | 3280.0  |
| #2        | 2090.1  | 46707.  | 4251.5  | 106.47  | 3298.1  |

Sample Name: J4882-02MSD      Acquired: 9/13/2018 14:53:32      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82567 | 2.1008 | 1.0765 | 2.0514 | .82033 | 2.4030 | .25851 |
| Stddev | .00675 | .0069  | .0006  | .0030  | .00432 | .0064  | .00099 |
| %RSD   | .81778 | .33065 | .06049 | .14685 | .52625 | .26467 | .38398 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .83045 | 2.1057 | 1.0761 | 2.0536 | .82339 | 2.4075 | .25781 |
| #2 | .82090 | 2.0958 | 1.0770 | 2.0493 | .81728 | 2.3985 | .25921 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23528 | .19633 | 10.119 | .50261 | .20281 | .31463 | 3.2782 |
| Stddev | .00064 | .00015 | .039   | .00212 | .00065 | .00001 | .0384  |
| %RSD   | .27303 | .07609 | .38366 | .42147 | .31818 | .00406 | 1.1722 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23483 | .19623 | 10.092 | .50410 | .20326 | .31463 | 3.2510 |
| #2 | .23573 | .19644 | 10.146 | .50111 | .20235 | .31464 | 3.3053 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28907 | 3.1017 | .50967 | .08613 | 38.035 | .37247 | .20839 |
| Stddev | .00032 | .0512  | .00107 | .00020 | .391   | .00098 | .00032 |
| %RSD   | .11226 | 1.6496 | .20995 | .22986 | .57449 | .26398 | .15546 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28930 | 3.1379 | .50892 | .08599 | 67.759 | .37177 | .20816 |
| #2 | .28884 | 3.0655 | .51043 | .08627 | 68.311 | .37316 | .20862 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.249 | .42284 | .35648 | 4.8052 | 2.5714 | .73247 | .22292 |
| Stddev | .065   | .00059 | .00167 | .0031  | .0174  | .00066 | .00013 |
| %RSD   | .45915 | .13934 | .46975 | .06403 | .67830 | .09033 | .05753 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.203 | .42242 | .35530 | 4.8030 | 2.5591 | .73200 | .22283 |
| #2 | 14.296 | .42326 | .35766 | 4.8074 | 2.5838 | .73294 | .22301 |

Sample Name: J4882-02MSD      Acquired: 9/13/2018 14:53:32      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | 1.7986  | 5.609   | .25833  | F<00000 | .26934 |
| Stddev    | .0326   | .007    | .00133  | .69741  | .25424 |
| %RSD      | 1.8135  | .1260   | .51325  | 22.865  | 94.394 |
| #1        | 1.7756  | 5.604   | .25739  | -2.5569 | .44911 |
| #2        | 1.8217  | 5.614   | .25926  | -3.5432 | .08957 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2090.3  | 46564.  | 4288.1  | 109.77  | 3295.5 |
| Stddev    | 2.8     | 43.     | 9.5     | 1.19    | 6.5    |
| %RSD      | .13289  | .09290  | .22062  | 1.0832  | .19869 |
| #1        | 2088.4  | 46534.  | 4294.8  | 110.61  | 3290.8 |
| #2        | 2092.3  | 46595.  | 4281.4  | 108.93  | 3300.1 |

Sample Name: J4882-02A      Acquired: 9/13/2018 14:57:25      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82178 | 2.1113 | 1.0766 | 2.0569 | .82398 | 2.4567 | .26100 |
| Stddev | .00543 | .0032  | .0074  | .0023  | .00085 | .0072  | .00098 |
| %RSD   | .66101 | .15014 | .68876 | .11198 | .10258 | .29148 | .37395 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82562 | 2.1091 | 1.0714 | 2.0586 | .82458 | 2.4617 | .26169 |
| #2 | .81794 | 2.1136 | 1.0819 | 2.0553 | .82339 | 2.4516 | .26031 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23528 | .19686 | 10.101 | .50455 | .20305 | .31383 | 3.2833 |
| Stddev | .00048 | .00110 | .010   | .00281 | .00039 | .00023 | .0267  |
| %RSD   | .20397 | .56127 | .09799 | .55611 | .19024 | .07397 | .81365 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23562 | .19608 | 10.094 | .50256 | .20278 | .31400 | 3.2644 |
| #2 | .23494 | .19765 | 10.108 | .50653 | .20332 | .31367 | 3.3021 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28956 | 3.1362 | .51329 | .08738 | 37.508 | .37193 | .20886 |
| Stddev | .00003 | .0227  | .00119 | .00019 | .093   | .00132 | .00075 |
| %RSD   | .01041 | .72227 | .23176 | .21637 | .13781 | .35551 | .35780 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28958 | 3.1202 | .51245 | .08725 | 67.573 | .37099 | .20833 |
| #2 | .28953 | 3.1522 | .51413 | .08751 | 67.442 | .37286 | .20939 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.401 | .42291 | .35165 | 4.8000 | 2.5420 | .73139 | .22368 |
| Stddev | .041   | .00030 | .00224 | .0131  | .0179  | .00407 | .00294 |
| %RSD   | .28796 | .07035 | .63814 | .27367 | .70260 | .55659 | 1.3163 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.430 | .42312 | .35324 | 4.7907 | 2.5546 | .72851 | .22576 |
| #2 | 14.372 | .42270 | .35006 | 4.8093 | 2.5293 | .73427 | .22160 |

Sample Name: J4882-02A      Acquired: 9/13/2018 14:57:25      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | 1.8098  | 5.601   | .25751  | F<00000 | .02107  |
| Stddev    | .0098   | .017    | .00009  | .57270  | .29624  |
| %RSD      | .54189  | .3102   | .03443  | 27.471  | 1406.1  |
| #1        | 1.8029  | 5.589   | .25745  | -2.4897 | .23054  |
| #2        | 1.8168  | 5.613   | .25757  | -1.6798 | -.18841 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2090.0  | 46435.  | 4313.2  | 110.01  | 3294.2  |
| Stddev    | 8.2     | 16.     | 33.1    | .55     | 3.8     |
| %RSD      | .39068  | .03426  | .76775  | .49997  | .11514  |
| #1        | 2084.2  | 46424.  | 4289.8  | 109.62  | 3291.5  |
| #2        | 2095.8  | 46446.  | 4336.6  | 110.40  | 3296.8  |

Sample Name: J4883-04      Acquired: 9/13/2018 15:01:17      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00185 | .00186 | .00504 | .00014 | .00237 | .00026 | .09049 |
| Stddev | .00195 | .00047 | .00041 | .00332 | .00078 | .00312 | .00061 |
| %RSD   | 105.77 | 25.266 | 8.0327 | 2459.4 | 33.021 | 1193.3 | .67608 |

|    |         |         |        |         |        |         |        |
|----|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.00323 | -.00219 | .00533 | .00249  | .00181 | .00195  | .09092 |
| #2 | -.00047 | -.00153 | .00476 | -.00222 | .00292 | -.00247 | .09006 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00021 | .00019 | 14.280 | .00017 | .00028 | .00054 | .00537 |
| Stddev | .00012 | .00005 | .033   | .00005 | .00003 | .00029 | .00075 |
| %RSD   | 58.734 | 24.851 | .23127 | 29.217 | 11.283 | 54.261 | 13.966 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00012 | -.00022 | 14.256 | .00020 | -.00026 | .00074 | .00484 |
| #2 | -.00030 | -.00015 | 14.303 | .00013 | -.00031 | .00033 | .00590 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08207 | 2.0868 | .00100 | .00072 | 3.9433 | .02159 | .01678 |
| Stddev | .00032 | .0346  | .00008 | .00025 | .0377  | .00027 | .00004 |
| %RSD   | .38738 | 1.6600 | 8.1661 | 35.445 | .54289 | 1.2517 | .22325 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08229 | 2.0623 | .00095 | .00054 | 6.9699 | .02140 | .01675 |
| #2 | .08184 | 2.1113 | .00106 | .00090 | 6.9166 | .02178 | .01681 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3286 | .00269 | .11571 | 1.7661 | 2.4794 | .00021 | .00027 |
| Stddev | .0247  | .00008 | .00140 | .0038  | .0048  | .00075 | .00129 |
| %RSD   | 1.8596 | 3.0933 | 1.2072 | .21277 | .19396 | 354.39 | 469.64 |

|    |        |        |        |        |        |         |         |
|----|--------|--------|--------|--------|--------|---------|---------|
| #1 | 1.3111 | .00274 | .11472 | 1.7688 | 2.4760 | -.00075 | -.00064 |
| #2 | 1.3461 | .00263 | .11670 | 1.7635 | 2.4828 | .00032  | .00119  |

Sample Name: J4883-04      Acquired: 9/13/2018 15:01:17      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .03507  | .0074   | .14320  | F<00000 | .07592  |
| Stddev    | .00323  | .0007   | .00042  | .86540  | .27192  |
| %RSD      | 9.2176  | 9.600   | .29531  | 36.727  | 358.17  |
| #1        | .03278  | .0069   | .14350  | -1.7444 | .26820  |
| #2        | .03736  | .0079   | .14290  | -2.9682 | -.11636 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2086.1  | 47124.  | 4246.1  | 109.14  | 3418.8  |
| Stddev    | 10.6    | 202.    | 9.4     | .83     | 12.0    |
| %RSD      | .50731  | .42805  | .22040  | .75794  | .35169  |
| #1        | 2078.6  | 46981.  | 4239.5  | 108.56  | 3410.3  |
| #2        | 2093.6  | 47266.  | 4252.7  | 109.73  | 3427.3  |

Sample Name: CCV03      Acquired: 9/13/2018 15:14:11      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5133 | 4.7080 | 4.7908 | 4.6118 | 4.6389 | 10.790 | 9.6089 |
| Stddev | .0181  | .0132  | .0100  | .0228  | .0312  | .010   | .0242  |
| %RSD   | .40077 | .28091 | .20962 | .49514 | .67210 | .09147 | .25161 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5005 | 4.6987 | 4.7837 | 4.5956 | 4.6169 | 10.797 | 9.6260 |
| #2 | 4.5261 | 4.7174 | 4.7979 | 4.6279 | 4.6610 | 10.784 | 9.5918 |

|        |        |        |          |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7137 | 2.6384 | F 21.714 | 1.0834 | 2.3119 | 1.1704 | 4.5731 |
| Stddev | .00225 | .0067  | .122     | .0042  | .0044  | .0057  | .0614  |
| %RSD   | .82898 | .25367 | .55967   | .38841 | .19174 | .48942 | 1.3424 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6978 | 2.6337 | 21.800 | 1.0804 | 2.3088 | 1.1663 | 4.6165 |
| #2 | 2.7296 | 2.6432 | 21.628 | 1.0864 | 2.3151 | 1.1744 | 4.5297 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7217 | 23.094 | 2.2993 | 1.3434 | 25.230 | 2.7072 | 2.3443 |
| Stddev | .0208  | .261   | .0023  | .0034  | .181   | .0172  | .0068  |
| %RSD   | .76485 | 1.1312 | .10094 | .25064 | .71654 | .63607 | .28940 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7070 | 23.279 | 2.2977 | 1.3411 | 25.358 | 2.6950 | 2.3395 |
| #2 | 2.7364 | 22.909 | 2.3009 | 1.3458 | 25.102 | 2.7193 | 2.3491 |

|        |        |          |        |          |        |        |        |
|--------|--------|----------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020   | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm      | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 23.321 | F 4.4755 | 4.8040 | F 4.4277 | 4.8246 | 4.7579 | 4.8954 |
| Stddev | .055   | .0110    | .0054  | .0160    | .0066  | .0092  | .0296  |
| %RSD   | .23428 | .24544   | .11285 | .36201   | .13566 | .19271 | .60486 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.360 | 4.4677 | 4.8078 | 4.4164 | 4.8293 | 4.7514 | 4.9163 |
| #2 | 23.282 | 4.4833 | 4.8001 | 4.4391 | 4.8200 | 4.7644 | 4.8745 |

Sample Name: CCV03      Acquired: 9/13/2018 15:14:11      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | 4.8196  | 4.526   | 4.8335  | F<00000 | F2.0504 |
| Stddev    | .0374   | .015    | .0380   | 2.1764  | .1395   |
| %RSD      | .77628  | .3197   | .78637  | 74.108  | 6.8049  |
| #1        | 4.8460  | 4.516   | 4.8604  | -1.3979 | 1.9518  |
| #2        | 4.7931  | 4.536   | 4.8066  | -4.4758 | 2.1491  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2132.3  | 46780.  | 4281.5  | 110.54  | 3260.6  |
| Stddev    | .6      | 259.    | 12.8    | 1.14    | 3.9     |
| %RSD      | .02659  | .55412  | .29900  | 1.0321  | .11831  |
| #1        | 2132.7  | 46963.  | 4272.4  | 109.73  | 3257.8  |
| #2        | 2131.9  | 46597.  | 4290.5  | 111.34  | 3263.3  |

Sample Name: CCB03      Acquired: 9/13/2018 15:27:57      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00291 | .00186 | .00115 | .00052 | .00092 | .00462 | .00049 |
| Stddev | .00096 | .00278 | .00026 | .00027 | .00078 | .00447 | .00020 |
| %RSD   | 32.941 | 149.49 | 22.279 | 51.013 | 84.120 | 96.745 | 40.429 |

|    |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|--------|--------|---------|
| #1 | -.00223 | -.00011 | -.00133 | -.00033 | .00147 | .00779 | -.00035 |
| #2 | -.00359 | .00383  | -.00097 | -.00071 | .00037 | .00146 | -.00062 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00000 | .04291 | .00061 | .00026 | .00023 | .00206 |
| Stddev | .00005 | .0001  | .00984 | .00055 | .00002 | .00027 | .00550 |
| %RSD   | 50.145 | 1875.7 | 22.941 | 89.561 | 5.8050 | 117.57 | 266.57 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00013 | .00004  | -.03595 | -.00022 | -.00025 | .00004 | -.00596 |
| #2 | -.00006 | -.00005 | -.04987 | -.00099 | -.00027 | .00042 | .00183  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .01117 | .00082 | .00067 | .10495 | .00030 | .00006 |
| Stddev | .00013 | .02245 | .00004 | .00050 | .00850 | .00033 | .00011 |
| %RSD   | 1016.8 | 201.01 | 4.4190 | 74.332 | 8.1028 | 112.77 | 187.15 |

|    |         |         |        |        |         |        |         |
|----|---------|---------|--------|--------|---------|--------|---------|
| #1 | .00010  | .00471  | .00085 | .00032 | -.09893 | .00006 | .00002  |
| #2 | -.00008 | -.02704 | .00080 | .00102 | -.11096 | .00053 | -.00014 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29644 | .00004 | .01421 | .00190 | .00309 | .00047 | .00091 |
| Stddev | .00631 | .00016 | .00292 | .00403 | .00060 | .00060 | .00090 |
| %RSD   | 2.1298 | 349.85 | 20.554 | 212.33 | 19.361 | 128.61 | 98.546 |

|    |         |         |        |         |        |         |        |
|----|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.29198 | .00016  | .01627 | -.00095 | .00351 | -.00004 | .00028 |
| #2 | -.30091 | -.00007 | .01214 | .00475  | .00267 | -.00089 | .00155 |

Sample Name: CCB03      Acquired: 9/13/2018 15:27:57      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |          |
|-----------|---------|---------|---------|----------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm      |
| Avg       | .00165  | .0023   | .00006  | F<.00000 | F<.00000 |
| Stddev    | .00123  | .0006   | .00008  | 1.2961   | .12133   |
| %RSD      | 74.476  | 23.55   | 132.70  | 10.217   | 66.650   |
| #1        | .00078  | .0020   | .00012  | -11.769  | -.26783  |
| #2        | .00251  | .0027   | .00000  | -13.602  | -.09624  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S    |
| Avg       | 2208.3  | 48718.  | 4377.7  | 113.73   | 3598.8   |
| Stddev    | 10.7    | 187.    | 18.5    | 2.38     | 9.9      |
| %RSD      | .48348  | .38484  | .42290  | 2.0950   | .27417   |
| #1        | 2200.8  | 48586.  | 4364.6  | 112.05   | 3591.8   |
| #2        | 2215.9  | 48851.  | 4390.8  | 115.42   | 3605.8   |

Sample Name: PB112813BS      Acquired: 9/13/2018 15:36:32      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77624 | 2.0359 | 1.0259 | 1.9453 | .79279 | 2.2728 | 20957  |
| Stddev | .00136 | .0109  | .0018  | .0083  | .00002 | .0198  | .00183 |
| %RSD   | .17462 | .53556 | .17059 | .42456 | .00216 | .87017 | .87136 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77528 | 2.0282 | 1.0246 | 1.9511 | .79280 | 2.2588 | .21086 |
| #2 | .77720 | 2.0436 | 1.0271 | 1.9394 | .79277 | 2.2868 | .20828 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21816 | .18460 | .98802 | .36226 | .19404 | .31988 | 3.1005 |
| Stddev | .00127 | .00052 | .01874 | .00061 | .00050 | .00077 | .0192  |
| %RSD   | .58007 | .28206 | 1.8964 | .16793 | .25863 | .24041 | .62021 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21727 | .18423 | .97477 | .36183 | .19439 | .32042 | 3.0869 |
| #2 | .21906 | .18497 | 1.0013 | .36269 | .19368 | .31933 | 3.1141 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24237 | 1.9920 | .48137 | .08188 | 3.2176 | .35843 | .18018 |
| Stddev | .00139 | .0027  | .00038 | .00028 | .0035  | .00164 | .00012 |
| %RSD   | .57411 | .13558 | .07817 | .34502 | .11007 | .45639 | .06643 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24139 | 1.9939 | .48164 | .08208 | 3.2151 | .35727 | .18026 |
| #2 | .24336 | 1.9901 | .48111 | .08168 | 3.2201 | .35958 | .18009 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.8195 | .40412 | .31860 | .00105 | .93394 | .68317 | .21590 |
| Stddev | .0774  | .00011 | .01120 | .00172 | .00224 | .00377 | .00051 |
| %RSD   | .78817 | .02654 | 3.5159 | 164.59 | .23992 | .55112 | .23626 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.8742 | .40420 | .32652 | -.00226 | .93235 | .68051 | .21553 |
| #2 | 9.7647 | .40404 | .31068 | .00017  | .93552 | .68584 | .21626 |

Sample Name: PB112813BS      Acquired: 9/13/2018 15:36:32      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | 1.7672  | 5.001   | .21133  | F<00000 | <00000  |
| Stddev    | .0029   | .019    | .00008  | 1.2116  | .27417  |
| %RSD      | .16190  | .3760   | .03562  | 14.137  | 55.741  |
| #1        | 1.7652  | 4.988   | .21128  | -7.7136 | -.29800 |
| #2        | 1.7692  | 5.015   | .21139  | -9.4270 | -.68574 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2130.4  | 48091.  | 4322.6  | 108.94  | 3479.3  |
| Stddev    | 8.4     | 206.    | 16.6    | .12     | 16.2    |
| %RSD      | .39508  | .42820  | .38360  | .11359  | .46694  |
| #1        | 2124.4  | 48236.  | 4334.4  | 109.03  | 3467.8  |
| #2        | 2136.3  | 47945.  | 4310.9  | 108.85  | 3490.8  |

Sample Name: PB112813TB      Acquired: 9/13/2018 15:40:25      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00341 | .00269 | .00184 | .00477 | .00027 | .00227 | .00173 | .00024 |
| Stddev | .00011 | .00058 | .00110 | .00175 | .00027 | .01243 | .00022 | .00011 |
| %RSD   | 3.2003 | 21.547 | 59.658 | 36.708 | 99.949 | 547.70 | 12.952 | 46.020 |

|    |         |         |         |        |        |         |         |         |
|----|---------|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.00333 | -.00228 | -.00262 | .00601 | .00008 | -.01106 | -.00157 | -.00016 |
| #2 | -.00349 | -.00310 | -.00106 | .00353 | .00045 | .00652  | -.00188 | -.00032 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .01079 | .00039 | .00021 | .00058 | .00638 | .00011 | .01641 |
| Stddev | .00000 | .01753 | .00027 | .00010 | .00017 | .01218 | .00011 | .01941 |
| %RSD   | 1.5497 | 162.54 | 68.319 | 49.205 | 30.143 | 190.74 | 95.458 | 118.28 |

|    |         |         |        |         |        |         |        |         |
|----|---------|---------|--------|---------|--------|---------|--------|---------|
| #1 | -.00016 | -.00161 | .00020 | -.00028 | .00070 | -.01500 | .00004 | -.00268 |
| #2 | -.00016 | .02318  | .00058 | -.00014 | .00045 | .00223  | .00019 | -.03014 |

|        |        |        |           |        |        |        |        |        |
|--------|--------|--------|-----------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895    | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm       | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00030 | F .296.48 | .00053 | .00202 | .25505 | .00019 | .00774 |
| Stddev | .00041 | .00034 | .78       | .00007 | .00002 | .07799 | .00020 | .01050 |
| %RSD   | 202.63 | 113.01 | .26259    | 13.019 | 1.0323 | 30.578 | 100.76 | 135.73 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | .00049  | .00053 | 297.03 | -.00058 | .00200 | -.19990 | .00033 | .00031 |
| #2 | -.00009 | .00006 | 295.93 | -.00048 | .00203 | -.31019 | .00006 | .01517 |

|        |          |        |        |        |          |        |        |          |
|--------|----------|--------|--------|--------|----------|--------|--------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707   | P_1774 | Sr4077 | U_3670   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm      |
| Avg    | F .00640 | .01091 | .00127 | .00246 | F .01952 | .00001 | .00002 | F 1.9513 |
| Stddev | .00062   | .00057 | .00062 | .00096 | .00675   | .0003  | .00002 | .8119    |
| %RSD   | 9.6302   | 5.2120 | 48.944 | 39.051 | 34.558   | 302.0  | 103.78 | 41.608   |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00684 | .01131 | .00083 | .00178 | .01475 | -.0003 | .00003 | 1.3772 |
| #2 | .00596 | .01051 | .00171 | .00314 | .02429 | .0001  | .00000 | 2.5254 |

Sample Name: PB112813TB      Acquired: 9/13/2018 15:40:25      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F1.0301 |
| Stddev | .2613   |
| %RSD   | 25.365  |

|    |        |
|----|--------|
| #1 | .84533 |
| #2 | 1.2148 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2059.0  | 44688.  | 4344.8  | 111.83 | 3176.5 |
| Stddev    | 9.2     | 74.     | .2      | 1.48   | 16.0   |
| %RSD      | .44444  | .16637  | .00488  | 1.3231 | .50510 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2052.6 | 44635. | 4344.9 | 110.78 | 3165.2 |
| #2 | 2065.5 | 44740. | 4344.6 | 112.87 | 3187.9 |

Sample Name: J4771-02      Acquired: 9/13/2018 15:44:38      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00226 | .00263 | .00072 | .00144 | .00019 | .05035 | .14564 | .00022 |
| Stddev | .00011 | .00114 | .00070 | .00632 | .00182 | .00128 | .00057 | .00012 |
| %RSD   | 4.9737 | 43.415 | 97.643 | 440.19 | 984.97 | 2.5434 | .39164 | 55.694 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00218 | -.00183 | .00022 | .00591  | -.00148 | .04944 | .14605 | -.00030 |
| #2 | -.00234 | -.00344 | .00121 | -.00303 | .00110  | .05125 | .14524 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | 121.15 | .00110 | .00154 | .00477 | .03719 | 1.7057 | 4.2429 |
| Stddev | .00006 | .02    | .00074 | .00009 | .00054 | .01148 | .0048  | .0175  |
| %RSD   | 27.255 | .01730 | 67.345 | 5.5433 | 11.232 | 30.860 | .28122 | .41284 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00026 | 121.16 | -.00058 | .00160 | .00440 | -.02908 | 1.7091 | 4.2306 |
| #2 | -.00018 | 121.13 | -.00163 | .00148 | .00515 | -.04531 | 1.7023 | 4.2553 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00138 | .00101 | 327.07 | .00078 | .00969 | 1.2286 | .00070 | .02653 |
| Stddev | .00040 | .00009 | 2.65   | .00066 | .00002 | .0245  | .00017 | .01531 |
| %RSD   | 28.688 | 8.6163 | .80904 | 84.119 | .18240 | 1.9983 | 23.813 | 57.696 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00110 | .00107 | 325.20 | .00125 | .00970 | 1.2113 | .00081 | .01571 |
| #2 | .00166 | .00095 | 328.94 | .00032 | .00968 | 1.2460 | .00058 | .03736 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.2187 | 4.9542 | .00060 | .00258 | .07317 | .0158  | .53778 | 2.0259 |
| Stddev | .0036  | .0083  | .00033 | .00032 | .00551 | .0002  | .00251 | 1.0056 |
| %RSD   | .08637 | .16644 | 54.074 | 12.342 | 7.5370 | .9664  | .46701 | 49.637 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | 4.2161 | 4.9483 | .00083 | -.00281 | .07707 | .0157 | .53956 | 2.7369 |
| #2 | 4.2212 | 4.9600 | .00037 | -.00236 | .06927 | .0160 | .53601 | 1.3148 |

Sample Name: J4771-02      Acquired: 9/13/2018 15:44:38      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.4728 |
| Stddev | .3991  |
| %RSD   | 27.099 |

|    |        |
|----|--------|
| #1 | 1.1906 |
| #2 | 1.7550 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2034.7  | 45081.  | 4369.4  | 108.74 | 3073.0 |
| Stddev    | 10.8    | 150.    | 8.0     | .56    | 11.5   |
| %RSD      | .53203  | .33301  | .18298  | .51804 | .37427 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2027.0 | 44975. | 4363.8 | 109.14 | 3064.9 |
| #2 | 2042.3 | 45187. | 4375.1 | 108.35 | 3081.1 |

Sample Name: J4771-02DUP      Acquired: 9/13/2018 15:48:49      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00630 | .00187 | .00123 | .00089 | .00110 | .04364 | .14433 | .00017 |
| Stddev | .00020 | .00125 | .00074 | .00023 | .00064 | .01538 | .00021 | .00001 |
| %RSD   | 3.2544 | 67.170 | 60.607 | 26.029 | 58.469 | 35.250 | .14231 | 5.8081 |

|    |         |         |        |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|--------|---------|
| #1 | -.00644 | -.00275 | .00175 | .00072 | .00064 | .03276 | .14447 | -.00017 |
| #2 | -.00615 | -.00098 | .00070 | .00105 | .00155 | .05452 | .14418 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | 120.29 | .00144 | .00159 | .00456 | .03522 | 1.6996 | 4.1739 |
| Stddev | .00002 | .58    | .00034 | .00007 | .00030 | .01203 | .0045  | .0334  |
| %RSD   | 13.938 | .48134 | 23.440 | 4.3370 | 6.6081 | 34.170 | .26262 | .79977 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00020 | 120.70 | -.00120 | .00154 | .00477 | -.04373 | 1.6965 | 4.1975 |
| #2 | -.00016 | 119.88 | -.00168 | .00164 | .00434 | -.02671 | 1.7028 | 4.1503 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00106 | .00061 | 327.40 | .00109 | .00935 | 1.2680 | .00077 | .03483 |
| Stddev | .00006 | .00073 | .29    | .00023 | .00009 | .0048  | .00006 | .00532 |
| %RSD   | 5.9933 | 118.94 | .08945 | 21.293 | .94426 | .38038 | 8.3357 | 15.270 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00102 | .00113 | 327.19 | .00125 | .00941 | 1.2646 | .00082 | .03859 |
| #2 | .00111 | .00010 | 327.61 | .00093 | .00929 | 1.2714 | .00073 | .03107 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.2181 | 4.9158 | .00061 | .00274 | .08130 | .0156  | .53642 | 3.6621 |
| Stddev | .0164  | .0244  | .00009 | .00086 | .00649 | .0001  | .00364 | .0442  |
| %RSD   | .38956 | .49595 | 14.908 | 31.347 | 7.9837 | .5686  | .67896 | 1.2079 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | 4.2297 | 4.9331 | .00068 | -.00213 | .07671 | .0156 | .53899 | 3.6308 |
| #2 | 4.2065 | 4.8986 | .00055 | -.00335 | .08589 | .0157 | .53384 | 3.6934 |

Sample Name: J4771-02DUP      Acquired: 9/13/2018 15:48:49      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 2.0606 |
| Stddev | .1109  |
| %RSD   | 5.3818 |

|    |        |
|----|--------|
| #1 | 2.1390 |
| #2 | 1.9822 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2041.2  | 45083.  | 4372.8  | 109.42 | 3080.5 |
| Stddev    | 23.9    | 42.     | 25.8    | 5.28   | 33.4   |
| %RSD      | 1.1729  | .09235  | .58969  | 4.8227 | 1.0838 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2024.3 | 45053. | 4354.5 | 105.69 | 3056.9 |
| #2 | 2058.1 | 45112. | 4391.0 | 113.16 | 3104.1 |

Sample Name: J4771-02LX5      Acquired: 9/13/2018 15:52:58      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00113 | .00123 | .00071 | .00060 | .00000 | .02740 | .02867 |
| Stddev | .00054 | .00152 | .00022 | .00166 | .0020  | .02525 | .00023 |
| %RSD   | 47.334 | 123.35 | 30.369 | 278.44 | 43392. | 92.159 | .79827 |

|    |         |        |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00151 | .00231 | -.00087 | .00058  | .00143  | .04526 | .02883 |
| #2 | -.00075 | .00016 | -.00056 | -.00177 | -.00144 | .00954 | .02851 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00007 | 24.870 | .00114 | .00042 | .00138 | .00297 |
| Stddev | .00000 | .00014 | .106   | .00006 | .00011 | .00040 | .00060 |
| %RSD   | 5.4988 | 185.55 | .42561 | 4.8280 | 26.452 | 28.985 | 20.162 |

|    |         |         |        |         |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|
| #1 | -.00006 | .00002  | 24.795 | -.00118 | .00034 | .00110 | .00255 |
| #2 | -.00006 | -.00017 | 24.944 | -.00110 | .00050 | .00167 | .00340 |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .35675 | .86495 | .00012 | .00064 | .36.259 | .00004 | .00155 |
| Stddev | .00114 | .00290 | .00037 | .00082 | .004    | .00029 | .00007 |
| %RSD   | .31824 | .33516 | 300.97 | 128.22 | .00601  | 683.47 | 4.4744 |

|    |        |        |         |        |        |         |        |
|----|--------|--------|---------|--------|--------|---------|--------|
| #1 | .35755 | .86700 | -.00014 | .00122 | 66.262 | -.00016 | .00160 |
| #2 | .35594 | .86290 | .00038  | .00006 | 66.256 | .00025  | .00150 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02982 | .00007 | .00707 | .82429 | 1.0426 | .00014 | .00093 |
| Stddev | .03280 | .00018 | .00479 | .00290 | .0029  | .00002 | .00015 |
| %RSD   | 110.01 | 257.92 | 67.797 | .35165 | .28207 | 14.378 | 16.391 |

|    |        |         |        |        |        |         |         |
|----|--------|---------|--------|--------|--------|---------|---------|
| #1 | .00662 | -.00019 | .00368 | .82224 | 1.0405 | -.00015 | -.00103 |
| #2 | .05301 | .00006  | .01046 | .82634 | 1.0447 | -.00012 | -.00082 |

Sample Name: J4771-02LX5      Acquired: 9/13/2018 15:52:58      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .03546  | .0038   | .10933  | F<00000 | .65919 |
| Stddev    | .00192  | .0005   | .00032  | .82768  | .20966 |
| %RSD      | 5.4011  | 13.08   | .29604  | 13.324  | 31.806 |
| #1        | .03682  | .0041   | .10910  | -5.6265 | .80745 |
| #2        | .03411  | .0034   | .10955  | -6.7971 | .51094 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2161.4  | 47560.  | 4444.6  | 111.71  | 3393.3 |
| Stddev    | 1.2     | 415.    | 34.6    | .60     | 2.8    |
| %RSD      | .05688  | .87206  | .77772  | .53348  | .08213 |
| #1        | 2162.2  | 47266.  | 4420.2  | 111.29  | 3395.3 |
| #2        | 2160.5  | 47853.  | 4469.1  | 112.13  | 3391.3 |

Sample Name: J4771-02MS      Acquired: 9/13/2018 15:57:05      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .83882 | 2.0620 | .76962 | 2.1484 | .82811 | 2.5949 | .35477 | .24448 | .19880 |
| Stddev | .00355 | .0068  | .00213 | .0116  | .00082 | .0140  | .00117 | .00002 | .00018 |
| %RSD   | .42285 | .32791 | .27699 | .53849 | .09867 | .53928 | .32980 | .00828 | .09104 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .83631 | 2.0668 | .76812 | 2.1566 | .82753 | 2.5850 | .35394 | .24447 | .19893 |
| #2 | .84133 | 2.0573 | .77113 | 2.1402 | .82869 | 2.6048 | .35560 | .24450 | .19868 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 118.69 | .49102 | .20547 | .30421 | 3.1721 | 1.9004 | 3.1579 | .51182 | .08885 |
| Stddev | .60    | .00419 | .00024 | .00043 | .0667  | .0053  | .0539  | .00111 | .00030 |
| %RSD   | .50466 | .85409 | .11804 | .14214 | 2.1018 | .28105 | .87547 | .21598 | .33738 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 118.27 | .48805 | .20564 | .30452 | 3.1249 | 1.8967 | 6.1197 | .51104 | .08906 |
| #2 | 119.12 | .49398 | .20529 | .30391 | 3.2192 | 1.9042 | 6.1960 | .51260 | .08864 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 322.69 | .36764 | .20114 | 12.075 | .41042 | .35003 | 4.1404 | 5.7527 | .73968 |
| Stddev | .82    | .00146 | .00047 | .102   | .00140 | .00600 | .0138  | .0393  | .00065 |
| %RSD   | .25306 | .39779 | .23551 | .84255 | .34232 | 1.7139 | .33394 | .68369 | .08741 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 323.26 | .36867 | .20081 | 12.003 | .40943 | .34579 | 4.1502 | 5.7805 | .74014 |
| #2 | 322.11 | .36661 | .20148 | 12.147 | .41142 | .35427 | 4.1307 | 5.7249 | .73922 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22060 | 1.9255 | 3.102  | .73367 | 3.0763 | 2.0913 |
| Stddev | .00035 | .0045  | .002   | .00203 | 1.8454 | .0427  |
| %RSD   | .15693 | .23277 | .0301  | .27605 | 59.988 | 2.0405 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .22035 | 1.9224 | 6.104 | .73224 | 1.7714 | 2.1215 |
| #2 | .22084 | 1.9287 | 6.101 | .73510 | 4.3812 | 2.0612 |

Sample Name: J4771-02MS      Acquired: 9/13/2018 15:57:05      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2049.9  | 45223.  | 4396.8  | 109.61 | 3078.8 |
| Stddev    | 3.1     | 68.     | 6.3     | .85    | 2.0    |
| %RSD      | .15053  | .15115  | .14381  | .77589 | .06472 |
| #1        | 2052.1  | 45271.  | 4392.4  | 110.21 | 3077.4 |
| #2        | 2047.7  | 45175.  | 4401.3  | 109.01 | 3080.2 |

Sample Name: J4771-02MSD      Acquired: 9/13/2018 16:01:06      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .83469 | 2.0664 | .76980 | 2.1542 | .83131 | 2.5844 | .35266 | .24628 | .19887 |
| Stddev | .00357 | .0043  | .00290 | .0069  | .00053 | .0054  | .00159 | .00054 | .00061 |
| %RSD   | .42754 | .20649 | .37696 | .31965 | .06384 | .20967 | .45057 | .21772 | .30712 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .83216 | 2.0634 | .76775 | 2.1494 | .83094 | 2.5806 | .35378 | .24666 | .19844 |
| #2 | .83721 | 2.0694 | .77186 | 2.1591 | .83169 | 2.5882 | .35154 | .24590 | .19930 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 117.81 | .48952 | .20581 | .30408 | 3.1046 | 1.8993 | 3.1462 | .51237 | .08840 |
| Stddev | .04    | .00075 | .00117 | .00071 | .0622  | .0051  | .0314  | .00283 | .00074 |
| %RSD   | .03405 | .15416 | .56862 | .23206 | 2.0022 | .26754 | .51032 | .55311 | .83528 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 117.84 | .49006 | .20499 | .30358 | 3.0607 | 1.9029 | 6.1240 | .51037 | .08892 |
| #2 | 117.78 | .48899 | .20664 | .30458 | 3.1486 | 1.8958 | 6.1684 | .51438 | .08788 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 320.59 | .37147 | .20171 | 11.957 | .41076 | .34598 | 4.1460 | 5.7371 | .74128 |
| Stddev | 1.97   | .00068 | .00051 | .023   | .00057 | .00541 | .0040  | .0092  | .00301 |
| %RSD   | .61577 | .18301 | .25180 | .19347 | .13782 | 1.5627 | .09590 | .15984 | .40560 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 319.20 | .37195 | .20135 | 11.973 | .41036 | .34980 | 4.1488 | 5.7436 | .73915 |
| #2 | 321.99 | .37099 | .20207 | 11.940 | .41116 | .34216 | 4.1431 | 5.7306 | .74340 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21688 | 1.9148 | 3.115  | .72892 | .85305 | 1.6832 |
| Stddev | .00163 | .0163  | .011   | .00217 | 1.4795 | .0153  |
| %RSD   | .74989 | .85239 | .1834  | .29798 | 173.44 | .90961 |

|    |        |        |       |        |         |        |
|----|--------|--------|-------|--------|---------|--------|
| #1 | .21573 | 1.9263 | 6.108 | .73046 | 1.8992  | 1.6940 |
| #2 | .21803 | 1.9032 | 6.123 | .72738 | 1.19313 | 1.6724 |

Sample Name: J4771-02MSD      Acquired: 9/13/2018 16:01:06      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2045.0  | 45261.  | 4409.3  | 110.32 | 3068.7 |
| Stddev    | 3.2     | 52.     | 9.7     | 1.98   | 1.1    |
| %RSD      | .15654  | .11561  | .22060  | 1.7973 | .03457 |
| #1        | 2042.8  | 45224.  | 4402.5  | 111.72 | 3067.9 |
| #2        | 2047.3  | 45298.  | 4416.2  | 108.92 | 3069.4 |

Sample Name: J4771-02A      Acquired: 9/13/2018 16:05:06      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .84577 | 2.0830 | .77966 | 2.1740 | .83614 | 2.6078 | .35724 | .24796 | .20104 |
| Stddev | .00407 | .0039  | .00181 | .0086  | .00300 | .0146  | .00066 | .00228 | .00106 |
| %RSD   | .48159 | .18660 | .23238 | .39529 | .35878 | .55809 | .18506 | .91937 | .52785 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84865 | 2.0858 | .78094 | 2.1801 | .83826 | 2.6181 | .35677 | .24635 | .20029 |
| #2 | .84289 | 2.0803 | .77838 | 2.1680 | .83401 | 2.5975 | .35771 | .24958 | .20179 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 120.12 | .49683 | .20834 | .30824 | 3.1332 | 1.9116 | 3.2404 | .51831 | .08888 |
| Stddev | 1.24   | .00180 | .00021 | .00077 | .0547  | .0130  | .0403  | .00169 | .00046 |
| %RSD   | 1.0300 | .36312 | .09915 | .25142 | 1.7470 | .67753 | .64563 | .32650 | .52138 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 119.25 | .49555 | .20819 | .30878 | 3.1719 | 1.9024 | 6.2119 | .51951 | .08921 |
| #2 | 121.00 | .49810 | .20848 | .30769 | 3.0945 | 1.9208 | 6.2689 | .51711 | .08855 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 325.44 | .37004 | .20401 | 12.137 | .41488 | .34365 | 4.1587 | 5.8219 | .74726 |
| Stddev | 1.62   | .00572 | .00015 | .006   | .00123 | .00432 | .0020  | .0741  | .00044 |
| %RSD   | .49711 | 1.5459 | .07190 | .04719 | .29567 | 1.2575 | .04877 | 1.2721 | .05827 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 324.29 | .36600 | .20390 | 12.141 | .41401 | .34060 | 4.1573 | 5.7695 | .74756 |
| #2 | 326.58 | .37409 | .20411 | 12.133 | .41574 | .34671 | 4.1601 | 5.8743 | .74695 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22280 | 1.9372 | 3.167  | .74065 | 3.4190 | 1.5058 |
| Stddev | .00151 | .0110  | .001   | .00872 | 2.4980 | .6728  |
| %RSD   | .67777 | .56638 | .0187  | 1.1776 | 73.063 | 44.682 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .22387 | 1.9449 | 6.166 | .73448 | 5.1854 | 1.9816 |
| #2 | .22174 | 1.9294 | 6.168 | .74681 | 1.6526 | 1.0301 |

Sample Name: J4771-02A      Acquired: 9/13/2018 16:05:06      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2040.5  | 44846.  | 4332.0  | 110.56 | 3054.7 |
| Stddev    | 18.6    | 5.      | 35.7    | 1.81   | 20.8   |
| %RSD      | .90994  | .01199  | .82355  | 1.6331 | .67986 |
| #1        | 2027.4  | 44850.  | 4357.2  | 109.29 | 3040.0 |
| #2        | 2053.7  | 44843.  | 4306.8  | 111.84 | 3069.3 |

Sample Name: PB112813BL      Acquired: 9/13/2018 16:09:07      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00059 | .00257 | .00206 | .00023 | .00085 | .00045 | .00016 |
| Stddev | .00062 | .00002 | .00009 | .00131 | .00028 | .02006 | .00002 |
| %RSD   | 105.49 | .71137 | 4.3480 | 574.05 | 33.202 | 4470.3 | 12.621 |

|    |         |        |         |         |        |         |        |
|----|---------|--------|---------|---------|--------|---------|--------|
| #1 | -.00103 | .00259 | -.00212 | .00115  | .00106 | -.01463 | .00015 |
| #2 | -.00015 | .00256 | -.00199 | -.00070 | .00065 | .01374  | .00018 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00005 | .00233 | .00062 | .00002 | .00044 | .00382 |
| Stddev | .00004 | .00000 | .01201 | .00011 | .00022 | .00035 | .00120 |
| %RSD   | 67.300 | 5.3905 | 515.32 | 18.539 | 1212.9 | 80.391 | 31.401 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00003 | -.00005 | -.01082 | -.00054 | -.00014 | .00069 | -.00467 |
| #2 | -.00010 | -.00005 | .00616  | -.00070 | .00018  | .00019 | -.00297 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .01979 | .00119 | .00091 | .03748 | .00004 | .00004 |
| Stddev | .00001 | .01174 | .00050 | .00007 | .00009 | .00037 | .00004 |
| %RSD   | 20.274 | 59.290 | 41.997 | 7.7916 | .23052 | 848.61 | 119.26 |

|    |         |        |        |        |        |         |         |
|----|---------|--------|--------|--------|--------|---------|---------|
| #1 | -.00006 | .02809 | .00155 | .00086 | .03742 | -.00022 | -.00001 |
| #2 | -.00008 | .01150 | .00084 | .00096 | .03754 | .00031  | -.00007 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29200 | .00045 | .00477 | .00247 | .00302 | .00091 | .00044 |
| Stddev | .00325 | .00027 | .00617 | .00192 | .00390 | .00063 | .00042 |
| %RSD   | 1.1115 | 58.533 | 129.39 | 77.701 | 128.97 | 69.226 | 95.829 |

|    |         |         |        |         |        |         |        |
|----|---------|---------|--------|---------|--------|---------|--------|
| #1 | -.29429 | -.00064 | .00914 | -.00382 | .00027 | -.00046 | .00014 |
| #2 | -.28970 | -.00027 | .00041 | -.00111 | .00577 | -.00135 | .00074 |

Sample Name: PB112813BL      Acquired: 9/13/2018 16:09:07      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .04194  | .0013   | .00003  | F<00000 | .18392 |
| Stddev    | .00590  | .0004   | .00010  | .68017  | .01743 |
| %RSD      | 14.063  | 34.85   | 388.95  | 6.0414  | 9.4761 |
| #1        | .04611  | .0016   | -.00004 | -10.778 | .17160 |
| #2        | .03777  | .0010   | .00010  | -11.739 | .19625 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2199.1  | 48973.  | 4384.7  | 113.75  | 3584.2 |
| Stddev    | 3.4     | 81.     | 17.6    | .69     | 7.2    |
| %RSD      | .15314  | .16512  | .40192  | .60890  | .20098 |
| #1        | 2196.7  | 48916.  | 4397.1  | 114.24  | 3579.1 |
| #2        | 2201.4  | 49030.  | 4372.2  | 113.26  | 3589.2 |

Sample Name: J4866-01      Acquired: 9/13/2018 16:13:15      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00437 | .00166 | .00931 | .00242 | .00062 | .06457 | .18616 | .00020 |
| Stddev | .00231 | .00447 | .00053 | .00129 | .00244 | .01415 | .00182 | .00003 |
| %RSD   | 52.941 | 269.25 | 5.7049 | 53.274 | 395.67 | 21.913 | .97866 | 15.736 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00273 | -.00482 | .00894 | .00151 | -.00234 | .05457 | .18745 | -.00018 |
| #2 | -.00601 | .00150  | .00969 | .00333 | .00111  | .07458 | .18487 | -.00022 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | 174.23 | .00596 | .00015 | .00125 | .04832 | .02500 | 3.3489 |
| Stddev | .00003 | .28    | .00132 | .00026 | .00001 | .00410 | .00016 | .0237  |
| %RSD   | 9.8447 | .15787 | 22.106 | 174.24 | .78307 | 8.4770 | .64025 | .70739 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00031 | 174.03 | .00503 | -.00033 | .00124 | -.04542 | .02489 | 3.3657 |
| #2 | -.00027 | 174.42 | .00689 | .00003  | .00125 | -.05122 | .02511 | 3.3322 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | .00081 | 358.28 | .00410 | .04687 | 2.5412 | .00059 | .07325 |
| Stddev | .00029 | .00035 | 2.12   | .00140 | .00019 | .0094  | .00022 | .01145 |
| %RSD   | 108.33 | 43.540 | .59128 | 34.105 | .41437 | .36960 | 36.436 | 15.631 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00047 | .00056 | 356.78 | .00311 | .04701 | 2.5345 | .00074 | .08134 |
| #2 | -.00006 | .00105 | 359.77 | .00509 | .04673 | 2.5478 | .00044 | .06515 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.1786 | 4.7119 | .00005 | .00562 | .14033 | .0100  | .31499 | 3.2883 |
| Stddev | .0240  | .0508  | .00065 | .00005 | .00784 | .0002  | .00070 | 1.4805 |
| %RSD   | .38915 | 1.0787 | 1204.2 | .91494 | 5.5838 | 2.354  | .22381 | 23.544 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 6.1616 | 4.6759 | .00041  | -.00559 | .13479 | .0102 | .31549 | 7.3352 |
| #2 | 6.1956 | 4.7478 | -.00051 | -.00566 | .14588 | .0099 | .31449 | 5.2414 |

Sample Name: J4866-01      Acquired: 9/13/2018 16:13:15      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.8431 |
| Stddev | .1292  |
| %RSD   | 7.0079 |

|    |        |
|----|--------|
| #1 | 1.9345 |
| #2 | 1.7518 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1987.8  | 43306.  | 4283.1  | 108.72 | 3001.2 |
| Stddev    | 7.3     | 97.     | 14.6    | .85    | 8.1    |
| %RSD      | .36776  | .22376  | .34121  | .77771 | .27068 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1982.7 | 43237. | 4293.5 | 109.32 | 2995.5 |
| #2 | 1993.0 | 43374. | 4272.8 | 108.13 | 3006.9 |

Sample Name: CCV04      Acquired: 9/13/2018 16:17:24      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961   | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | 4.6460 | 4.9119 | 5.0111 | 4.7555 | 4.7519 | F 11.303 | 9.8351 |
| Stddev | .0062  | .0102  | .0052  | .0178  | .0079  | .026     | .0187  |
| %RSD   | .13327 | .20690 | .10360 | .37397 | .16701 | .22648   | .18975 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6503 | 4.9191 | 5.0074 | 4.7681 | 4.7463 | 11.321 | 9.8483 |
| #2 | 4.6416 | 4.9047 | 5.0147 | 4.7430 | 4.7576 | 11.284 | 9.8219 |

|        |           |        |          |        |        |        |        |
|--------|-----------|--------|----------|--------|--------|--------|--------|
| Elem   | Be2348    | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm       | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | F 2.27865 | 2.2644 | F 22.340 | 1.0998 | 2.3996 | 1.2023 | 4.8188 |
| Stddev | .00084    | .0013  | .139     | .0051  | .0015  | .0002  | .0064  |
| %RSD   | .30273    | .05736 | .62201   | .46346 | .06438 | .01291 | .13293 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27924 | 2.2635 | 22.242 | 1.1034 | 2.3985 | 1.2024 | 4.8143 |
| #2 | .27805 | 2.2653 | 22.438 | 1.0962 | 2.4007 | 1.2022 | 4.8234 |

|        |          |        |        |        |        |          |        |
|--------|----------|--------|--------|--------|--------|----------|--------|
| Elem   | Mn2576   | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924   | Zn2138 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | F 2.7943 | 24.000 | 2.3930 | 1.3457 | 26.243 | F 2.7839 | 2.4280 |
| Stddev | .0148    | .113   | .0020  | .0048  | .105   | .0214    | .0000  |
| %RSD   | .53031   | .46914 | .08381 | .35888 | .40042 | .76750   | .00015 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8047 | 23.920 | 2.3916 | 1.3491 | 26.169 | 2.7991 | 2.4280 |
| #2 | 2.7838 | 24.080 | 2.3944 | 1.3422 | 26.317 | 2.7688 | 2.4280 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.072 | 4.5961 | 4.9226 | 4.5918 | 4.8670 | 4.9160 | 5.0578 |
| Stddev | .091   | .0011  | .0158  | .0083  | .0341  | .0264  | .0177  |
| %RSD   | .37665 | .02490 | .32168 | .18040 | .70066 | .53751 | .34970 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.008 | 4.5953 | 4.9114 | 4.5859 | 4.8429 | 4.9347 | 5.0453 |
| #2 | 24.136 | 4.5969 | 4.9338 | 4.5977 | 4.8911 | 4.8974 | 5.0703 |

Sample Name: CCV04      Acquired: 9/13/2018 16:17:24      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | 5.4854  | 4.681   | 5.0332  | F<00000 | F 2.1224 |
| Stddev    | .0039   | .006    | .0172   | .18639  | .0572    |
| %RSD      | .07068  | .1312   | .34203  | 4.1858  | 2.6967   |
| #1        | 5.4881  | 4.685   | 5.0210  | -4.5846 | 2.0819   |
| #2        | 5.4827  | 4.677   | 5.0454  | -4.3210 | 2.1628   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2156.0  | 47384.  | 4342.9  | 109.47  | 3274.9   |
| Stddev    | 4.0     | 326.    | 7.5     | .74     | 2.9      |
| %RSD      | .18443  | .68713  | .17190  | .67258  | .08877   |
| #1        | 2153.2  | 47154.  | 4348.2  | 108.95  | 3272.9   |
| #2        | 2158.9  | 47614.  | 4337.7  | 109.99  | 3277.0   |

Sample Name: CCB04      Acquired: 9/13/2018 16:21:11      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .00302 | .00196 | .00075 | .00059 | .00733 | .00018 |
| Stddev | .00181 | .00098 | .00028 | .00078 | .00002 | .00886 | .00004 |
| %RSD   | 1096.8 | 32.312 | 14.466 | 103.58 | 2.8840 | 120.93 | 21.519 |

|    |         |        |         |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00145 | .00233 | -.00176 | .00130 | .00057 | .01360 | .00015 |
| #2 | .00112  | .00371 | -.00216 | .00020 | .00060 | .00106 | .00020 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .00007 | .03528 | .00089 | .00009 | .00055 | .00115 |
| Stddev | .00011 | .00006 | .01468 | .00024 | .00007 | .00007 | .00654 |
| %RSD   | 77.442 | 91.496 | 41.598 | 27.306 | 71.204 | 13.458 | 567.81 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00022 | -.00011 | -.02491 | -.00106 | -.00014 | .00050 | -.00577 |
| #2 | -.00007 | -.00002 | -.04566 | -.00072 | -.00005 | .00060 | .00347  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .01881 | .00135 | .00074 | .04059 | .00004 | .00000 |
| Stddev | .00001 | .05141 | .00027 | .00050 | .00525 | .00041 | .00000 |
| %RSD   | 150.34 | 273.31 | 20.168 | 67.505 | 12.928 | 922.97 | 139.08 |

|    |         |         |        |        |         |         |        |
|----|---------|---------|--------|--------|---------|---------|--------|
| #1 | -.00001 | .05517  | .00115 | .00039 | -.03688 | -.00033 | .00000 |
| #2 | .00000  | -.01754 | .00154 | .00110 | -.04431 | .00025  | .00000 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28160 | .00009 | .00216 | .00068 | .00271 | .00042 | .00019 |
| Stddev | .00256 | .00012 | .00009 | .00128 | .00001 | .00004 | .00005 |
| %RSD   | .90892 | 132.62 | 4.0201 | 186.78 | .35536 | 9.4431 | 24.250 |

|    |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.27979 | -.00017 | -.00222 | .00159  | .00270 | -.00039 | .00016 |
| #2 | -.28341 | -.00001 | -.00209 | -.00022 | .00271 | -.00045 | .00023 |

Sample Name: CCB04      Acquired: 9/13/2018 16:21:11      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
|-----------|---------|---------|---------|---------|---------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | F.03345 | .0025   | .00002  | F<00000 | F.42707 |
| Stddev    | .00350  | .0030   | .00003  | 2.8963  | .18256  |
| %RSD      | 10.471  | 121.1   | 150.01  | 23.905  | 42.747  |
| #1        | .03593  | .0046   | .00000  | -10.068 | .55616  |
| #2        | .03097  | .0004   | -.00003 | -14.164 | .29798  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2197.3  | 48644.  | 4363.3  | 113.04  | 3574.8  |
| Stddev    | 8.2     | 106.    | 4.5     | .54     | 13.3    |
| %RSD      | .37135  | .21791  | .10350  | .48195  | .37133  |
| #1        | 2191.5  | 48719.  | 4366.5  | 113.43  | 3565.4  |
| #2        | 2203.1  | 48569.  | 4360.1  | 112.66  | 3584.2  |

Sample Name: J4866-02      Acquired: 9/13/2018 16:25:17      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00341 | .00250 | .00910 | .00207 | .00205 | .06848 | .28322 | .00011 |
| Stddev | .00053 | .00023 | .00048 | .00547 | .00019 | .01502 | .00304 | .00005 |
| %RSD   | 15.698 | 9.2754 | 5.3149 | 264.85 | 9.1009 | 21.939 | 1.0723 | 46.883 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00379 | -.00266 | .00944 | .00594  | -.00218 | .05785 | .28537 | -.00008 |
| #2 | -.00303 | -.00234 | .00876 | -.00180 | -.00192 | .07910 | .28108 | -.00015 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | 145.18 | .00002 | .00026 | .00124 | .02985 | .21471 | 5.4814 |
| Stddev | .00021 | 1.25   | .00030 | .00021 | .00013 | .00277 | .00095 | .0161  |
| %RSD   | 73.601 | .86046 | 1347.0 | 78.038 | 10.566 | 9.2956 | .44076 | .29339 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00043 | 146.06 | .00023  | .00041 | .00115 | -.03181 | .21404 | 5.4927 |
| #2 | -.00014 | 144.29 | -.00019 | .00012 | .00133 | -.02788 | .21538 | 5.4700 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00107 | .00100 | 305.68 | .00101 | .04437 | 2.9146 | .00036 | .04451 |
| Stddev | .00021 | .00051 | .42    | .00089 | .00027 | .0067  | .00012 | .01249 |
| %RSD   | 20.035 | 50.697 | .13903 | 88.607 | .61336 | .23171 | 34.642 | 28.070 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00122 | .00136 | 305.98 | .00038 | .04456 | 2.9098 | .00045 | .05335 |
| #2 | -.00092 | .00064 | 305.38 | .00164 | .04418 | 2.9193 | .00027 | .03568 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.1421 | 1.4389 | .00250 | .00430 | .09909 | .0092  | .40040 | 4.7642 |
| Stddev | .0064  | .0073  | .00088 | .00198 | .00659 | .0004  | .00294 | 2.3274 |
| %RSD   | .55830 | .50755 | 35.274 | 46.015 | 6.6485 | 4.433  | .73523 | 48.851 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | 1.1376 | 1.4440 | .00188 | -.00290 | .09443 | .0090 | .40249 | 6.4099 |
| #2 | 1.1466 | 1.4337 | .00312 | -.00569 | .10374 | .0095 | .39832 | 3.1185 |

Sample Name: J4866-02      Acquired: 9/13/2018 16:25:17      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.6027 |
| Stddev | .3394  |
| %RSD   | 21.175 |

|    |        |
|----|--------|
| #1 | 1.8426 |
| #2 | 1.3627 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1984.5  | 43470.  | 4264.5  | 107.33 | 3002.9 |
| Stddev    | 11.8    | 90.     | 36.3    | 2.36   | 8.0    |
| %RSD      | .59444  | .20671  | .85167  | 2.1982 | .26743 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1976.2 | 43534. | 4238.8 | 105.66 | 2997.2 |
| #2 | 1992.9 | 43407. | 4290.2 | 109.00 | 3008.6 |

Sample Name: J4873-02      Acquired: 9/13/2018 16:29:27      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00404 | .00280 | .00907 | .00091 | .00041 | .12363 | .04393 | .00018 |
| Stddev | .00139 | .00003 | .00006 | .00363 | .00030 | .00884 | .00075 | .00006 |
| %RSD   | 34.286 | .97468 | .64078 | 397.50 | 72.543 | 7.1531 | 1.7093 | 32.913 |

|    |         |         |        |         |        |        |        |         |
|----|---------|---------|--------|---------|--------|--------|--------|---------|
| #1 | -.00306 | -.00278 | .00911 | -.00165 | .00020 | .12988 | .04446 | -.00023 |
| #2 | -.00502 | -.00282 | .00902 | .00348  | .00062 | .11737 | .04340 | -.00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00038 | 120.64 | .00414 | .00048 | .00166 | .03601 | .00008 | .07757 |
| Stddev | .00017 | 1.44   | .00005 | .00030 | .00047 | .00160 | .00013 | .00808 |
| %RSD   | 43.809 | 1.1949 | 1.2645 | 63.668 | 28.594 | 4.4351 | 154.64 | 10.412 |

|    |         |        |        |         |        |         |         |        |
|----|---------|--------|--------|---------|--------|---------|---------|--------|
| #1 | -.00050 | 121.66 | .00411 | -.00069 | .00200 | -.03488 | .00017  | .08328 |
| #2 | -.00026 | 119.62 | .00418 | -.00026 | .00133 | -.03714 | -.00001 | .07186 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00183 | .00023 | 313.05 | .00083 | .00251 | 1.8486 | .00005 | .02433 |
| Stddev | .00054 | .00021 | 2.46   | .00030 | .00005 | .0528  | .00029 | .00770 |
| %RSD   | 29.597 | 88.721 | .78695 | 36.541 | 2.0952 | 2.8565 | 621.98 | 31.650 |

|    |         |        |        |        |        |        |         |        |
|----|---------|--------|--------|--------|--------|--------|---------|--------|
| #1 | -.00145 | .00009 | 314.79 | .00104 | .00255 | 1.8859 | -.00025 | .02978 |
| #2 | -.00222 | .00038 | 311.31 | .00061 | .00248 | 1.8113 | .00016  | .01889 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8042 | 3.8395 | .00134 | .00205 | .10539 | .0006  | 1.3596 | 2.0089 |
| Stddev | .0090  | .0673  | .00031 | .00124 | .00573 | .0017  | .0201  | .6152  |
| %RSD   | .32072 | 1.7534 | 23.481 | 60.651 | 5.4380 | 286.2  | 1.4778 | 30.626 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | 2.8106 | 3.8871 | .00112 | -.00293 | .10944 | .0018  | 1.3739 | 1.5739 |
| #2 | 2.7978 | 3.7919 | .00156 | -.00117 | .10134 | -.0006 | 1.3454 | 2.4439 |

Sample Name: J4873-02      Acquired: 9/13/2018 16:29:27      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.6209 |
| Stddev | .0951  |
| %RSD   | 5.8662 |

|    |        |
|----|--------|
| #1 | 1.6882 |
| #2 | 1.5537 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2006.1  | 43877.  | 4245.7  | 105.63 | 3042.1 |
| Stddev    | 9.3     | 124.    | 61.4    | 3.99   | 15.9   |
| %RSD      | .46121  | .28360  | 1.4466  | 3.7768 | .52375 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1999.6 | 43789. | 4202.3 | 102.81 | 3030.9 |
| #2 | 2012.7 | 43965. | 4289.1 | 108.45 | 3053.4 |

Sample Name: J4873-04      Acquired: 9/13/2018 16:33:38      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00454 | .00109 | .01053 | .00294 | .00252 | .28553 | .05432 | .00012 |
| Stddev | .00433 | .00079 | .00134 | .00282 | .00049 | .00966 | .00074 | .00001 |
| %RSD   | 95.412 | 71.837 | 12.770 | 95.724 | 19.368 | 3.3825 | 1.3595 | 5.6020 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00148 | -.00165 | .00958 | .00494 | -.00286 | .29236 | .05380 | -.00013 |
| #2 | -.00761 | -.00054 | .01148 | .00095 | -.00217 | .27870 | .05484 | -.00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00038 | 131.71 | .00636 | .00051 | .00276 | .02941 | .00030 | .02031 |
| Stddev | .00000 | .55    | .00006 | .00015 | .00039 | .00645 | .00006 | .00231 |
| %RSD   | .66445 | .41635 | .97511 | 28.745 | 14.273 | 21.931 | 19.913 | 11.351 |

|    |         |        |        |         |        |         |        |        |
|----|---------|--------|--------|---------|--------|---------|--------|--------|
| #1 | -.00038 | 131.32 | .00640 | -.00041 | .00304 | -.03397 | .00026 | .01868 |
| #2 | -.00038 | 132.10 | .00631 | -.00061 | .00249 | -.02485 | .00034 | .02194 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00208 | .00036 | 323.11 | .00012 | .00683 | 1.8422 | .00006 | .01770 |
| Stddev | .00064 | .00087 | 2.89   | .00042 | .00012 | .0049  | .00041 | .00491 |
| %RSD   | 30.853 | 243.00 | .89425 | 353.55 | 1.7415 | .26672 | 705.30 | 27.761 |

|    |         |         |        |         |        |        |         |        |
|----|---------|---------|--------|---------|--------|--------|---------|--------|
| #1 | -.00163 | .00097  | 321.07 | -.00018 | .00692 | 1.8457 | .00023  | .01422 |
| #2 | -.00254 | -.00026 | 325.15 | .00041  | .00675 | 1.8387 | -.00035 | .02117 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9421 | 1.8681 | .00285 | .00250 | .10252 | .0048  | 1.5820 | 2.6238 |
| Stddev | .0036  | .0033  | .00012 | .00074 | .00084 | .0031  | .0015  | .7424  |
| %RSD   | .12312 | .17700 | 4.2102 | 29.783 | .82232 | 64.57  | .09305 | 28.294 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | 2.9396 | 1.8704 | .00277 | -.00197 | .10311 | .0026 | 1.5809 | 3.1488 |
| #2 | 2.9447 | 1.8657 | .00294 | -.00302 | .10192 | .0070 | 1.5830 | 2.0989 |

Sample Name: J4873-04      Acquired: 9/13/2018 16:33:38      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.5179 |
| Stddev | .2360  |
| %RSD   | 15.551 |

|    |        |
|----|--------|
| #1 | 1.6848 |
| #2 | 1.3510 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1995.2  | 43691.  | 4344.0  | 109.10 | 3021.3 |
| Stddev    | 8.3     | 250.    | 21.0    | .46    | 11.7   |
| %RSD      | .41641  | .57113  | .48303  | .42111 | .38809 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1989.3 | 43867. | 4358.8 | 108.78 | 3013.0 |
| #2 | 2001.0 | 43515. | 4329.1 | 109.43 | 3029.6 |

Sample Name: J4873-06      Acquired: 9/13/2018 16:37:49      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00482 | .00318 | .01089 | .00625 | .00156 | .07398 | .03668 | .00013 |
| Stddev | .00196 | .00032 | .00047 | .00094 | .00122 | .00880 | .00099 | .00000 |
| %RSD   | 40.653 | 10.037 | 4.2854 | 15.089 | 78.602 | 11.891 | 2.7008 | 3.9427 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00621 | -.00340 | .01122 | .00558 | -.00242 | .08020 | .03738 | -.00013 |
| #2 | -.00344 | -.00295 | .01056 | .00691 | -.00069 | .06776 | .03598 | -.00012 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | 58.059 | .00034 | .00021 | .00647 | .08808 | .12531 | 35.617 |
| Stddev | .00008 | .758   | .00063 | .00006 | .00044 | .00977 | .00096 | .392   |
| %RSD   | 34.271 | 1.3060 | 187.97 | 30.652 | 6.7976 | 11.094 | .76890 | 1.1011 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00028 | 58.595 | .00079  | .00025 | .00678 | .09499 | .12463 | 35.894 |
| #2 | -.00017 | 57.522 | -.00011 | .00016 | .00616 | .08117 | .12599 | 35.340 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00073 | .00044 | 326.73 | .00028 | .01413 | .12829 | .00065 | .00167 |
| Stddev | .00012 | .00033 | 7.37   | .00011 | .00012 | .01548 | .00028 | .00475 |
| %RSD   | 16.604 | 74.784 | 2.2551 | 38.136 | .85750 | 12.063 | 42.874 | 284.93 |

|    |         |        |        |        |        |         |         |         |
|----|---------|--------|--------|--------|--------|---------|---------|---------|
| #1 | -.00065 | .00068 | 331.94 | .00021 | .01422 | -.11735 | -.00084 | -.00169 |
| #2 | -.00082 | .00021 | 321.52 | .00036 | .01405 | -.13923 | -.00045 | .00502  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03415 | .09833 | .00210 | .00158 | .10130 | .0093  | .01751 | 1.3788 |
| Stddev | .00357 | .00604 | .00062 | .00216 | .01022 | .0003  | .00032 | 1.1490 |
| %RSD   | 10.440 | 6.1454 | 29.519 | 136.86 | 10.086 | 3.734  | 1.7992 | 83.334 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .03667 | .10260 | .00254 | .00310 | .10853 | .0095 | .01773 | 2.1913 |
| #2 | .03163 | .09406 | .00166 | .00005 | .09408 | .0090 | .01729 | .56632 |

Sample Name: J4873-06      Acquired: 9/13/2018 16:37:49      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.9221 |
| Stddev | .1451  |
| %RSD   | 7.5492 |

|    |        |
|----|--------|
| #1 | 1.8195 |
| #2 | 2.0248 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1996.1  | 43687.  | 4300.1  | 108.68 | 3030.7 |
| Stddev    | 17.0    | 57.     | 70.8    | 3.49   | 25.4   |
| %RSD      | .84958  | .13137  | 1.6467  | 3.2109 | .83820 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1984.1 | 43646. | 4250.1 | 106.21 | 3012.7 |
| #2 | 2008.0 | 43727. | 4350.2 | 111.15 | 3048.6 |

Sample Name: J4883-02      Acquired: 9/13/2018 16:42:01      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00459 | .00258 | .01270 | .00340 | .00059 | .06238 | .18302 | .00015 |
| Stddev | .00046 | .00092 | .00008 | .00507 | .00130 | .00146 | .00083 | .00008 |
| %RSD   | 10.013 | 35.679 | .61444 | 149.39 | 220.50 | 2.3408 | .45201 | 56.453 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00426 | -.00193 | .01265 | .00699  | -.00033 | .06341 | .18243 | -.00021 |
| #2 | -.00491 | -.00323 | .01276 | -.00019 | .00150  | .06135 | .18360 | -.00009 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | 123.64 | .00056 | .00266 | .00350 | .16050 | .57195 | 2.1532 |
| Stddev | .00004 | .13    | .00006 | .00000 | .00013 | .00714 | .00016 | .0079  |
| %RSD   | 23.960 | .10332 | 10.173 | .10784 | 3.7600 | 4.4514 | .02766 | .36567 |

|    |         |        |         |        |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|--------|
| #1 | -.00013 | 123.73 | -.00052 | .00266 | .00359 | .15545 | .57184 | 2.1588 |
| #2 | -.00018 | 123.55 | -.00060 | .00267 | .00341 | .16555 | .57207 | 2.1476 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00961 | .00047 | 331.61 | .03152 | .05244 | 1.0067 | .00086 | .02186 |
| Stddev | .00031 | .00027 | 3.11   | .00027 | .00001 | .0143  | .00019 | .01018 |
| %RSD   | 3.2517 | 56.671 | .93720 | .84709 | .02185 | 1.4246 | 21.880 | 46.579 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00939 | .00028 | 329.41 | .03133 | .05244 | 1.0168 | .00073 | .01466 |
| #2 | .00984 | .00066 | 333.81 | .03171 | .05243 | .99653 | .00099 | .02905 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0535 | 2.8581 | .00296 | .00279 | .10712 | .0112  | .52507 | 1.2876 |
| Stddev | .0053  | .0128  | .00078 | .00184 | .00894 | .0002  | .00330 | .4853  |
| %RSD   | .25958 | .44943 | 26.472 | 65.956 | 8.3492 | 1.391  | .62768 | 37.693 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | 2.0498 | 2.8490 | .00352 | -.00408 | .11344 | .0113 | .52740 | 1.6308 |
| #2 | 2.0573 | 2.8671 | .00241 | -.00149 | .10080 | .0111 | .52274 | .94443 |

Sample Name: J4883-02      Acquired: 9/13/2018 16:42:01      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.7305 |
| Stddev | .3933  |
| %RSD   | 22.729 |

|    |        |
|----|--------|
| #1 | 1.4524 |
| #2 | 2.0087 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1995.1  | 43918.  | 4344.9  | 108.82 | 3014.6 |
| Stddev    | 14.7    | 13.     | 4.1     | .11    | 12.1   |
| %RSD      | .73510  | .02862  | .09463  | .10519 | .40007 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1984.7 | 43927. | 4342.0 | 108.74 | 3006.0 |
| #2 | 2005.4 | 43909. | 4347.8 | 108.90 | 3023.1 |

Sample Name: PB112805BL      Acquired: 9/13/2018 16:46:12      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00145 | .00162 | .00559 | .00167 | .00016 | .00407 | .00046 |
| Stddev | .00028 | .00182 | .00014 | .00435 | .00010 | .00782 | .00011 |
| %RSD   | 19.236 | 111.87 | 2.5847 | 260.63 | 57.924 | 192.08 | 23.226 |

|    |         |        |        |         |        |         |        |
|----|---------|--------|--------|---------|--------|---------|--------|
| #1 | -.00125 | .00291 | .00569 | -.00141 | .00023 | .00961  | .00053 |
| #2 | -.00164 | .00034 | .00548 | .00474  | .00010 | -.00146 | .00038 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00003 | .02591 | .00061 | .00007 | .00111 | .00460 |
| Stddev | .00009 | .00003 | .01079 | .00103 | .00013 | .00031 | .01069 |
| %RSD   | 85.941 | 121.36 | 41.624 | 169.22 | 180.39 | 27.643 | 232.29 |

|    |         |        |         |         |         |        |         |
|----|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00004 | .00005 | -.03354 | -.00134 | -.00017 | .00132 | .00296  |
| #2 | -.00017 | .00000 | -.01829 | .00012  | .00002  | .00089 | -.01216 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .03038 | .00066 | .00037 | .03151 | .00012 | .00002 |
| Stddev | .00001 | .06046 | .00031 | .00025 | .00251 | .00003 | .00002 |
| %RSD   | 112.23 | 199.03 | 46.481 | 67.867 | 7.9503 | 28.264 | 111.21 |

|    |         |         |        |        |        |         |        |
|----|---------|---------|--------|--------|--------|---------|--------|
| #1 | .00000  | -.07312 | .00044 | .00019 | .03328 | -.00015 | .00000 |
| #2 | -.00002 | .01237  | .00087 | .00055 | .02974 | -.00010 | .00003 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .27104 | .00076 | .00128 | .00160 | .00267 | .00121 | .00040 |
| Stddev | .00427 | .00016 | .00477 | .00183 | .00013 | .00032 | .00028 |
| %RSD   | 1.5763 | 20.857 | 372.69 | 114.96 | 4.9890 | 26.414 | 70.329 |

|    |         |         |         |        |        |         |        |
|----|---------|---------|---------|--------|--------|---------|--------|
| #1 | -.26802 | -.00065 | .00465  | .00289 | .00257 | -.00098 | .00060 |
| #2 | -.27406 | -.00087 | -.00209 | .00030 | .00276 | -.00143 | .00020 |

Sample Name: PB112805BL      Acquired: 9/13/2018 16:46:12      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .04209  | .0022   | .00007  | F<00000 | F<00000 |
| Stddev    | .00354  | .0006   | .00001  | .14426  | .27241  |
| %RSD      | 8.3993  | 28.53   | 19.245  | .90503  | 230.96  |
| #1        | .04459  | .0018   | -.00006 | -15.838 | .07467  |
| #2        | .03959  | .0026   | -.00008 | -16.042 | -.31057 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2204.8  | 48939.  | 4394.7  | 111.39  | 3586.9  |
| Stddev    | 12.7    | 163.    | 23.3    | 1.32    | 16.8    |
| %RSD      | .57585  | .33399  | .53089  | 1.1836  | .46836  |
| #1        | 2195.8  | 49054.  | 4378.2  | 112.32  | 3575.0  |
| #2        | 2213.8  | 48823.  | 4411.2  | 110.45  | 3598.8  |

Sample Name: PB112805BS      Acquired: 9/13/2018 16:56:14      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .76070 | 2.0087 | 1.0141 | 1.8931 | .76724 | 2.2673 | .20721 |
| Stddev | .00056 | .0055  | .0010  | .0115  | .00365 | .0113  | .00110 |
| %RSD   | .07351 | .27602 | .09660 | .60935 | .47613 | .49884 | .52851 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76030 | 2.0126 | 1.0134 | 1.8850 | .76983 | 2.2753 | .20644 |
| #2 | .76109 | 2.0048 | 1.0148 | 1.9013 | .76466 | 2.2593 | .20799 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21462 | .17904 | .90570 | .47108 | .19001 | .30048 | 2.8747 |
| Stddev | .00095 | .00010 | .00209 | .00138 | .00045 | .00212 | .0221  |
| %RSD   | .44158 | .05742 | .23097 | .29208 | .23688 | .70548 | .76884 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21395 | .17896 | .90718 | .47011 | .18969 | .30198 | 2.8903 |
| #2 | .21529 | .17911 | .90422 | .47206 | .19033 | .29899 | 2.8591 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23918 | 1.9154 | .47323 | .08085 | 3.2232 | .35834 | .17057 |
| Stddev | .00121 | .0179  | .00182 | .00004 | .0155  | .00110 | .00028 |
| %RSD   | .50691 | .93331 | .38548 | .04626 | .48040 | .30691 | .16530 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23832 | 1.9028 | .47194 | .08082 | 3.2123 | .35756 | .17077 |
| #2 | .24004 | 1.9281 | .47452 | .08087 | 3.2342 | .35912 | .17037 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.6650 | .38880 | .30301 | .00797 | .90162 | .66923 | .20803 |
| Stddev | .0141  | .00078 | .01047 | .00073 | .00684 | .00270 | .00046 |
| %RSD   | .14605 | .19937 | 3.4539 | 9.1272 | .75819 | .40343 | .22061 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 9.6750 | .38935 | .29561 | -.00745 | .89678 | .67114 | .20771 |
| #2 | 9.6550 | .38825 | .31041 | -.00848 | .90645 | .66732 | .20836 |

Sample Name: PB112805BS      Acquired: 9/13/2018 16:56:14      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | 1.7418 | 4.901  | .20335 | F<00000 | <00000 |
| Stddev | .0027  | .000   | .00031 | .19349  | .08773 |
| %RSD   | .15198 | .0054  | .15309 | 1.3231  | 33.325 |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | 1.7399 | 4.901 | .20313 | -14.488 | -.32530 |
| #2 | 1.7436 | 4.901 | .20357 | -14.761 | -.20123 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2126.6  | 47682.  | 4398.1  | 112.96 | 3470.3 |
| Stddev    | 5.5     | 34.     | 24.6    | 1.30   | 3.6    |
| %RSD      | .25928  | .07042  | .56016  | 1.1528 | .10356 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2122.7 | 47659. | 4415.5 | 112.04 | 3467.7 |
| #2 | 2130.5 | 47706. | 4380.7 | 113.88 | 3472.8 |

Sample Name: J4875-01      Acquired: 9/13/2018 17:00:09      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00032 | .00170 | .01421 | .00314 | .00224 | .00091 | .02489 | .00000 |
| Stddev | .00315 | .00099 | .00037 | .00244 | .00066 | .00477 | .00004 | .0001  |
| %RSD   | 1000.0 | 58.270 | 2.5727 | 77.751 | 29.524 | 520.89 | .16191 | 2301.5 |

|    |         |        |        |        |         |         |        |         |
|----|---------|--------|--------|--------|---------|---------|--------|---------|
| #1 | -.00191 | .00100 | .01395 | .00487 | -.00271 | .00428  | .02486 | -.00007 |
| #2 | .00255  | .00240 | .01447 | .00142 | -.00178 | -.00245 | .02492 | .00007  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | 30.753 | .00221 | .00062 | .00229 | .02713 | .00982 | 229.19 |
| Stddev | .00011 | .352   | .00094 | .00009 | .00024 | .00113 | .00013 | 2.44   |
| %RSD   | 24.448 | .43573 | 42.650 | 14.726 | 10.562 | 4.1483 | 1.3353 | 1.0641 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00050 | 81.002 | -.00287 | -.00056 | .00246 | -.02634 | .00973 | 230.91 |
| #2 | -.00036 | 80.504 | -.00154 | -.00069 | .00212 | -.02793 | .00991 | 227.46 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00498 | .00123 | 1826.7 | .00192 | .00082 | 77.380 | .00091 | .80824 |
| Stddev | .00007 | .00050 | 24.3   | .00021 | .00012 | .217   | .00005 | .00275 |
| %RSD   | 1.4898 | 40.820 | 1.3328 | 11.140 | 15.002 | .28043 | 5.3279 | .34013 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00503 | .00159 | 1843.9 | .00208 | .00090 | 77.534 | .00095 | .81018 |
| #2 | -.00493 | .00088 | 1809.5 | .00177 | .00073 | 77.227 | .00088 | .80629 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 184.89 | .94151 | .06744 | .00154 | .35721 | .0970  | 1.4090 | 7.4105 |
| Stddev | 1.35   | .00394 | .00077 | .00020 | .01571 | .0028  | .0046  | .9414  |
| %RSD   | .73146 | .41848 | 1.1371 | 12.928 | 4.3965 | 2.909  | .32369 | 12.704 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 185.85 | .93873 | -.06798 | -.00139 | .36832 | .0990 | 1.4123 | 8.0762 |
| #2 | 183.94 | .94430 | -.06690 | -.00168 | .34611 | .0950 | 1.4058 | 6.7448 |

Sample Name: J4875-01      Acquired: 9/13/2018 17:00:09      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      3.7536  
Stddev      .4602  
%RSD      12.259

#1      3.4282  
#2      4.0790

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1986.8  | 41053.  | 4332.6  | 107.57 | 2724.1 |
| Stddev    | 12.3    | 66.     | 36.9    | 1.27   | 9.3    |
| %RSD      | .61962  | .16052  | .85233  | 1.1793 | .34160 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1978.1 | 41006. | 4306.5 | 106.67 | 2717.5 |
| #2 | 1995.5 | 41099. | 4358.7 | 108.47 | 2730.7 |

Sample Name: J4875-01DUP      Acquired: 9/13/2018 17:04:18      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00210 | .00186 | .01274 | .00299 | .00223 | .02304 | .02465 | .00013 |
| Stddev | .00002 | .00173 | .00101 | .00119 | .00015 | .01216 | .00119 | .00000 |
| %RSD   | .82277 | 93.280 | 7.9488 | 39.925 | 6.5979 | 52.751 | 4.8240 | .93547 |

|    |        |        |        |         |         |        |        |         |
|----|--------|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00209 | .00308 | .01346 | -.00214 | -.00213 | .01445 | .02381 | -.00013 |
| #2 | .00212 | .00063 | .01203 | -.00383 | -.00233 | .03164 | .02549 | -.00013 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00040 | 79.121 | .00168 | .00079 | .00268 | .01253 | .00965 | 223.98 |
| Stddev | .00022 | 1.203  | .00010 | .00007 | .00008 | .00321 | .00010 | 3.92   |
| %RSD   | 53.580 | 1.5202 | 5.8439 | 8.4303 | 3.0614 | 25.649 | 1.0295 | 1.7513 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00056 | 78.270 | -.00175 | -.00074 | .00263 | -.01480 | .00958 | 221.20 |
| #2 | -.00025 | 79.971 | -.00161 | -.00084 | .00274 | -.01025 | .00972 | 226.75 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00486 | .00117 | 1757.7 | .00148 | .00072 | 75.451 | .00057 | .76858 |
| Stddev | .00033 | .00085 | 18.0   | .00030 | .00003 | 1.071  | .00038 | .00496 |
| %RSD   | 6.7090 | 72.858 | 1.0229 | 20.289 | 4.4314 | 1.4201 | 66.910 | .64552 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00509 | .00057 | 1744.9 | .00169 | .00075 | 74.694 | .00084 | .76507 |
| #2 | -.00463 | .00178 | 1770.4 | .00127 | .00070 | 76.209 | .00030 | .77209 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 184.19 | .91551 | .06706 | .00371 | .31424 | .0975  | 1.3801 | 3.9441 |
| Stddev | .61    | .01071 | .00018 | .00122 | .00963 | .0032  | .0240  | .4993  |
| %RSD   | .33380 | 1.1699 | .27001 | 32.942 | 3.0661 | 3.311  | 1.7417 | 5.5827 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 183.76 | .90793 | -.06719 | -.00458 | .30742 | .0952 | 1.3631 | 8.5910 |
| #2 | 184.63 | .92308 | -.06694 | -.00285 | .32105 | .0998 | 1.3971 | 9.2972 |

Sample Name: J4875-01DUP      Acquired: 9/13/2018 17:04:18      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      3.4075  
Stddev      .2556  
%RSD      7.4998

#1      3.2268  
#2      3.5882

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1968.2  | 41315.  | 4413.5  | 109.78 | 2709.2 |
| Stddev    | 1.8     | 51.     | 22.7    | 1.61   | 8.5    |
| %RSD      | .09320  | .12407  | .51472  | 1.4637 | .31327 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1969.5 | 41279. | 4429.5 | 108.64 | 2715.2 |
| #2 | 1966.9 | 41351. | 4397.4 | 110.91 | 2703.2 |

Sample Name: J4875-01LX5      Acquired: 9/13/2018 17:08:29      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .00083 | .00891 | .00069 | .00034 | .00894 | .00656 | .00007 |
| Stddev | .00071 | .00098 | .00059 | .00299 | .00145 | .00598 | .00042 | .00011 |
| %RSD   | 58.207 | 116.90 | 6.6089 | 432.67 | 432.27 | 66.920 | 6.4047 | 166.70 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | -.00173 | .00014 | .00850 | .00280  | .00069  | .00471 | .00626 | -.00015 |
| #2 | -.00072 | .00152 | .00933 | -.00142 | -.00136 | .01316 | .00686 | .00001  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | 16.725 | .00124 | .00065 | .00066 | .00429 | .00207 | 44.660 |
| Stddev | .00011 | .025   | .00015 | .00029 | .00012 | .00404 | .00005 | .074   |
| %RSD   | 44.990 | .14774 | 12.433 | 44.124 | 18.345 | 94.279 | 2.5338 | .16594 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00016 | 16.742 | -.00113 | -.00085 | .00058 | -.00714 | .00210 | 44.608 |
| #2 | -.00031 | 16.707 | -.00134 | -.00045 | .00075 | -.00143 | .00203 | 44.712 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00163 | .00098 | 396.43 | .00030 | .00015 | 14.626 | .00037 | .16229 |
| Stddev | .00008 | .00010 | 2.65   | .00021 | .00002 | .016   | .00019 | .00603 |
| %RSD   | 4.9935 | 10.438 | .66812 | 68.295 | 12.072 | .10980 | 50.569 | 3.7137 |

|    |         |        |        |         |        |        |         |        |
|----|---------|--------|--------|---------|--------|--------|---------|--------|
| #1 | -.00158 | .00090 | 398.31 | -.00016 | .00013 | 14.614 | -.00024 | .15803 |
| #2 | -.00169 | .00105 | 394.56 | -.00045 | .00016 | 14.637 | -.00051 | .16655 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 32.617 | .18735 | .01197 | .00123 | .19888 | .0167  | .28798 | <.00000 |
| Stddev | .145   | .00054 | .00126 | .00164 | .00676 | .0014  | .00016 | 1.6039  |
| %RSD   | .44536 | .28685 | 10.531 | 133.00 | 3.3998 | 8.642  | .05640 | 210.55  |

|    |        |        |         |        |        |       |        |         |
|----|--------|--------|---------|--------|--------|-------|--------|---------|
| #1 | 32.515 | .18697 | -.01107 | .00007 | .20366 | .0156 | .28787 | .37234  |
| #2 | 32.720 | .18773 | -.01286 | .00239 | .19410 | .0177 | .28810 | -1.8959 |

Sample Name: J4875-01LX5      Acquired: 9/13/2018 17:08:29      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      1.1730  
Stddev      .4844  
%RSD      41.294

#1      .83047  
#2      1.5155

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2074.6  | 44028.  | 4373.2  | 110.06 | 3060.7 |
| Stddev    | 3.5     | 13.     | 28.1    | 2.24   | 3.8    |
| %RSD      | .16848  | .03062  | .64155  | 2.0391 | .12462 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2072.1 | 44037. | 4353.4 | 108.47 | 3058.0 |
| #2 | 2077.1 | 44018. | 4393.0 | 111.64 | 3063.4 |

Sample Name: CCV05      Acquired: 9/13/2018 17:12:41      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961   | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | 4.7076 | 4.9285 | 5.0482 | 4.7597 | 4.7720 | F 11.359 | 9.8274 |
| Stddev | .0111  | .0031  | .0101  | .0070  | .0136  | .143     | .1075  |
| %RSD   | .23669 | .06240 | .20072 | .14680 | .28485 | 1.2604   | 1.0935 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.7155 | 4.9264 | 5.0554 | 4.7646 | 4.7816 | 11.461 | 9.7514 |
| #2 | 4.6997 | 4.9307 | 5.0410 | 4.7547 | 4.7624 | 11.258 | 9.9034 |

|        |          |        |          |        |        |        |        |
|--------|----------|--------|----------|--------|--------|--------|--------|
| Elem   | Be2348   | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm      | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | F 2.7884 | 2.2659 | F 21.883 | 1.0968 | 2.3895 | 1.2092 | 4.7032 |
| Stddev | .00018   | .0010  | .328     | .0003  | .0028  | .0033  | .0421  |
| %RSD   | .06489   | .04206 | 1.4979   | .02510 | .11746 | .27188 | .89503 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27871 | 2.2666 | 21.651 | 1.0966 | 2.3914 | 1.2115 | 4.6734 |
| #2 | .27897 | 2.2653 | 22.115 | 1.0970 | 2.3875 | 1.2069 | 4.7329 |

|        |          |        |        |        |        |          |        |
|--------|----------|--------|--------|--------|--------|----------|--------|
| Elem   | Mn2576   | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924   | Zn2138 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | F 2.7978 | 23.368 | 2.4071 | 1.3560 | 26.018 | F 2.8031 | 2.4266 |
| Stddev | .0070    | .439   | .0023  | .0015  | .490   | .0042    | .0026  |
| %RSD   | .25004   | 1.8778 | .09554 | .11240 | 1.8817 | .14823   | .10767 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8027 | 23.058 | 2.4055 | 1.3571 | 25.672 | 2.8061 | 2.4284 |
| #2 | 2.7928 | 23.679 | 2.4087 | 1.3550 | 26.364 | 2.8002 | 2.4247 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.988 | 4.5657 | 4.8307 | 4.5780 | 4.7193 | 4.9616 | 4.9748 |
| Stddev | .375   | .0087  | .0336  | .0068  | .1002  | .0029  | .0413  |
| %RSD   | 1.5643 | .19138 | .69454 | .14899 | 2.1239 | .05949 | .82959 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.722 | 4.5719 | 4.8070 | 4.5732 | 4.6484 | 4.9595 | 4.9456 |
| #2 | 24.253 | 4.5595 | 4.8545 | 4.5828 | 4.7902 | 4.9637 | 5.0039 |

Sample Name: CCV05      Acquired: 9/13/2018 17:12:41      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | 5.4659  | 4.694   | 4.9073  | F<00000 | F1.7371 |
| Stddev    | .0265   | .018    | .0799   | .20316  | .1422   |
| %RSD      | .48443  | .3791   | 1.6284  | 2.2249  | 8.1875  |
| #1        | 5.4472  | 4.681   | 4.8508  | -8.9874 | 1.8377  |
| #2        | 5.4846  | 4.707   | 4.9638  | -9.2747 | 1.6366  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2153.7  | 47539.  | 4492.7  | 112.19  | 3270.8  |
| Stddev    | 10.4    | 151.    | 77.3    | 2.44    | 11.9    |
| %RSD      | .48332  | .31782  | 1.7201  | 2.1760  | .36373  |
| #1        | 2146.3  | 47432.  | 4547.4  | 113.92  | 3262.4  |
| #2        | 2161.0  | 47646.  | 4438.1  | 110.46  | 3279.2  |

Sample Name: CCB05      Acquired: 9/13/2018 17:16:29      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .00171 | .00026 | .00072 | .00023 | .01436 | .00089 |
| Stddev | .00083 | .00013 | .00021 | .00008 | .00162 | .00105 | .00041 |
| %RSD   | 342.73 | 7.3922 | 82.399 | 10.954 | 694.54 | 7.2803 | 46.176 |

|    |         |        |         |        |         |         |        |
|----|---------|--------|---------|--------|---------|---------|--------|
| #1 | -.00083 | .00162 | -.00041 | .00066 | -.00091 | -.01510 | .00060 |
| #2 | .00035  | .00180 | -.00011 | .00078 | .00138  | -.01362 | .00119 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00006 | .01189 | .00019 | .00030 | .00053 | .00164 |
| Stddev | .00012 | .00002 | .00303 | .00014 | .00018 | .00002 | .00514 |
| %RSD   | 102.52 | 23.915 | 25.497 | 74.393 | 60.394 | 4.4220 | 314.36 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00003 | -.00005 | -.01403 | -.00029 | -.00017 | .00055 | -.00200 |
| #2 | -.00020 | -.00007 | -.00974 | -.00009 | -.00043 | .00051 | .00527  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .03110 | .00106 | .00088 | .26393 | .00015 | .00006 |
| Stddev | .00002 | .00958 | .00025 | .00020 | .00337 | .00028 | .00005 |
| %RSD   | 37.117 | 30.808 | 23.683 | 23.302 | 1.2770 | 191.05 | 82.336 |

|    |         |        |        |        |        |         |        |
|----|---------|--------|--------|--------|--------|---------|--------|
| #1 | -.00007 | .03788 | .00088 | .00102 | .26155 | .00005  | .00002 |
| #2 | -.00004 | .02433 | .00124 | .00073 | .26631 | -.00034 | .00009 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18986 | .00030 | .00451 | .00272 | .00141 | .00042 | .00052 |
| Stddev | .02094 | .00026 | .00457 | .00075 | .00064 | .00039 | .00040 |
| %RSD   | 11.030 | 85.067 | 101.40 | 27.377 | 45.385 | 92.074 | 77.927 |

|    |         |         |        |        |        |         |        |
|----|---------|---------|--------|--------|--------|---------|--------|
| #1 | -.17505 | -.00048 | .00774 | .00325 | .00096 | -.00015 | .00080 |
| #2 | -.20466 | -.00012 | .00128 | .00220 | .00186 | -.00070 | .00023 |

Sample Name: CCB05      Acquired: 9/13/2018 17:16:29      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
|-----------|---------|---------|---------|---------|---------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | F.06353 | .0020   | -.00002 | F<00000 | F<00000 |
| Stddev    | .00406  | .0011   | .00001  | .59637  | .07669  |
| %RSD      | 6.3956  | 57.45   | 28.767  | 3.4119  | 16.724  |
| #1        | .06640  | .0028   | -.00003 | -17.901 | -.40433 |
| #2        | .06065  | .0012   | -.00002 | -17.058 | -.51279 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2213.1  | 48939.  | 4469.0  | 112.16  | 3597.6  |
| Stddev    | 7.9     | 104.    | 24.7    | .56     | 10.1    |
| %RSD      | .35614  | .21168  | .55285  | .50195  | .28117  |
| #1        | 2207.5  | 49012.  | 4451.5  | 111.77  | 3590.4  |
| #2        | 2218.6  | 48865.  | 4486.5  | 112.56  | 3604.7  |

Sample Name: J4875-01MS      Acquired: 9/13/2018 17:20:35      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .92413 | 2.1467 | 1.1952 | 2.3157 | .85883 | 2.7738 | .24072 | .29281 | .21606 |
| Stddev | .00693 | .0011  | .0049  | .0105  | .00252 | .0099  | .00039 | .00144 | .00068 |
| %RSD   | .74984 | .05227 | .41308 | .45282 | .29312 | .35559 | .16147 | .49115 | .31685 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .91923 | 2.1475 | 1.1918 | 2.3083 | .85705 | 2.7807 | .24045 | .29179 | .21557 |
| #2 | .92903 | 2.1459 | 1.1987 | 2.3232 | .86061 | 2.7668 | .24099 | .29382 | .21654 |

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | 30.009 | .51395 | .21805 | .29834 | 3.2991 | .26117 | .226.76 | .54738 | .10527 |
| Stddev | .159   | .00113 | .00037 | .00066 | .0614  | .00164 | .61     | .00073 | .00082 |
| %RSD   | .19854 | .21912 | .17057 | .22087 | 1.8597 | .62752 | .27041  | .13382 | .77958 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 79.897 | .51315 | .21778 | .29787 | 3.3425 | .26001 | 226.33 | .54686 | .10469 |
| #2 | 80.122 | .51474 | .21831 | .29881 | 3.2557 | .26232 | 227.19 | .54790 | .10586 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1787.8 | .38566 | .23212 | 36.718 | .38678 | 1.0900 | 179.14 | 1.8715 | .74581 |
| Stddev | 12.3   | .00247 | .00033 | .512   | .00098 | .0048  | .27    | .0203  | .00056 |
| %RSD   | .68884 | .64003 | .14427 | .59014 | .25454 | .43772 | .14910 | 1.0849 | .07447 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1779.1 | .38391 | .23188 | 86.356 | .38608 | 1.0867 | 179.33 | 1.8571 | .74542 |
| #2 | 1796.5 | .38740 | .23235 | 87.079 | .38748 | 1.0934 | 178.95 | 1.8859 | .74620 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21865 | 2.2841 | 7.515  | 1.5879 | 9.0827 | 3.5707 |
| Stddev | .00024 | .0182  | .004   | .0050  | .4838  | .5279  |
| %RSD   | .10933 | .79699 | .0509  | .31225 | 5.3261 | 14.784 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .21848 | 2.2969 | 7.512 | 1.5844 | 9.4248 | 3.1974 |
| #2 | .21882 | 2.2712 | 7.518 | 1.5914 | 8.7407 | 3.9440 |

Sample Name: J4875-01MS      Acquired: 9/13/2018 17:20:35      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2006.4  | 41705.  | 4328.9  | 105.61 | 2730.3 |
| Stddev    | .5      | 198.    | 22.0    | 2.05   | 2.4    |
| %RSD      | .02287  | .47514  | .50848  | 1.9384 | .08718 |
| #1        | 2006.8  | 41845.  | 4344.5  | 104.16 | 2728.6 |
| #2        | 2006.1  | 41565.  | 4313.3  | 107.06 | 2732.0 |

Sample Name: J4875-01MSD      Acquired: 9/13/2018 17:24:32      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .92662 | 2.1355 | 1.1891 | 2.3137 | .86169 | 2.8041 | .23896 | .29279 | .21466 |
| Stddev | .00147 | .0007  | .0030  | .0002  | .00023 | .0220  | .00234 | .00148 | .00077 |
| %RSD   | .15878 | .03208 | .25273 | .00790 | .02691 | .78300 | .97729 | .50714 | .35824 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .92766 | 2.1360 | 1.1912 | 2.3135 | .86185 | 2.7886 | .24061 | .29384 | .21520 |
| #2 | .92558 | 2.1350 | 1.1870 | 2.3138 | .86153 | 2.8196 | .23731 | .29174 | .21411 |

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | 78.191 | .50950 | .21652 | .29882 | 3.1874 | .26063 | .223.25 | .54922 | .10437 |
| Stddev | .569   | .00005 | .00089 | .00002 | .0393  | .00106 | .71     | .00028 | .00180 |
| %RSD   | .72745 | .01070 | .40888 | .00657 | 1.2335 | .40588 | .31738  | .05146 | 1.7258 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 78.593 | .50946 | .21714 | .29881 | 3.1596 | .26137 | 223.75 | .54942 | .10564 |
| #2 | 77.789 | .50954 | .21589 | .29884 | 3.2152 | .25988 | 222.74 | .54902 | .10310 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1712.7 | .38812 | .23075 | 35.199 | .38573 | 1.0858 | 178.87 | 1.8330 | .74441 |
| Stddev | 26.3   | .00355 | .00055 | .484   | .00167 | .0134  | .08    | .0208  | .00157 |
| %RSD   | 1.5343 | .91554 | .23775 | .56771 | .43325 | 1.2292 | .04738 | 1.1329 | .21114 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1731.2 | .39063 | .23114 | 85.541 | .38455 | 1.0952 | 178.81 | 1.8477 | .74553 |
| #2 | 1694.1 | .38560 | .23037 | 84.857 | .38691 | 1.0763 | 178.93 | 1.8183 | .74330 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21494 | 2.2454 | 7.468  | 1.5551 | 7.8739 | 3.1278 |
| Stddev | .00119 | .0072  | .005   | .0058  | 1.8725 | .2747  |
| %RSD   | .55560 | .32250 | .0664  | .37384 | 23.781 | 8.7809 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .21410 | 2.2505 | 7.472 | 1.5593 | 6.5498 | 2.9336 |
| #2 | .21579 | 2.2402 | 7.465 | 1.5510 | 9.1979 | 3.3220 |

Sample Name: J4875-01MSD      Acquired: 9/13/2018 17:24:32      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1977.7  | 41393.  | 4379.8  | 108.68 | 2699.6 |
| Stddev    | 6.4     | 96.     | 26.6    | .54    | 1.6    |
| %RSD      | .32480  | .23113  | .60740  | .49465 | .05911 |
| #1        | 1982.2  | 41325.  | 4361.0  | 109.06 | 2700.7 |
| #2        | 1973.1  | 41460.  | 4398.6  | 108.30 | 2698.5 |

Sample Name: J4875-01A      Acquired: 9/13/2018 17:28:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .93270 | 2.1609 | 1.1969 | 2.3489 | .87335 | 2.7710 | .23906 | .29515 | .21710 |
| Stddev | .00242 | .0084  | .0050  | .0110  | .00299 | .0286  | .00098 | .00068 | .00079 |
| %RSD   | .25901 | .39115 | .41473 | .46803 | .34196 | 1.0320 | .40827 | .22914 | .36535 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .93441 | 2.1549 | 1.1934 | 2.3566 | .87546 | 2.7508 | .23837 | .29468 | .21654 |
| #2 | .93099 | 2.1668 | 1.2004 | 2.3411 | .87123 | 2.7912 | .23975 | .29563 | .21766 |

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | 79.296 | .51443 | .21890 | .30193 | 3.1463 | .26262 | .224.56 | .55128 | .10437 |
| Stddev | .273   | .00138 | .00013 | .00115 | .0415  | .00069 | 1.03    | .00299 | .00023 |
| %RSD   | .34376 | .26775 | .05890 | .38188 | 1.3207 | .26356 | .45664  | .54326 | .21750 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 79.103 | .51346 | .21899 | .30274 | 3.1757 | .26213 | 223.84 | .54916 | .10421 |
| #2 | 79.489 | .51540 | .21881 | .30111 | 3.1169 | .26311 | 225.29 | .55340 | .10453 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1714.3 | .38904 | .23327 | 36.241 | .39046 | 1.0771 | 180.68 | 1.8496 | .74878 |
| Stddev | 11.8   | .00540 | .00034 | .180   | .00043 | .0037  | .75    | .0037  | .00170 |
| %RSD   | .68994 | 1.3881 | .14643 | .20869 | .10963 | .34514 | .41253 | .20227 | .22716 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1722.7 | .38522 | .23351 | 86.114 | .39076 | 1.0798 | 181.21 | 1.8522 | .74758 |
| #2 | 1705.9 | .39286 | .23303 | 86.368 | .39016 | 1.0745 | 180.16 | 1.8469 | .74999 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21719 | 2.2489 | 7.551  | 1.5732 | 9.2939 | 3.4422 |
| Stddev | .00244 | .0127  | .008   | .0077  | .0793  | .0284  |
| %RSD   | 1.1253 | .56566 | .1035  | .49052 | .85305 | .82598 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .21546 | 2.2399 | 7.557 | 1.5677 | 9.2378 | 3.4221 |
| #2 | .21892 | 2.2579 | 7.546 | 1.5786 | 9.3500 | 3.4623 |

Sample Name: J4875-01A      Acquired: 9/13/2018 17:28:30      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1961.0  | 41088.  | 4319.5  | 108.27 | 2679.9 |
| Stddev    | 9.1     | 55.     | 10.8    | 2.31   | 7.1    |
| %RSD      | .46501  | .13391  | .25049  | 2.1349 | .26561 |
| #1        | 1954.5  | 41127.  | 4311.8  | 106.63 | 2674.8 |
| #2        | 1967.4  | 41049.  | 4327.1  | 109.90 | 2684.9 |

Sample Name: J4875-02      Acquired: 9/13/2018 17:32:28      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00252 | .00022 | .01454 | .00308 | .00335 | .00499 | .02512 | .00004 |
| Stddev | .00267 | .00184 | .00079 | .00220 | .00010 | .02236 | .00092 | .00006 |
| %RSD   | 106.00 | 828.37 | 5.4361 | 71.457 | 3.0494 | 448.45 | 3.6599 | 127.45 |

|    |        |         |        |        |         |         |        |        |
|----|--------|---------|--------|--------|---------|---------|--------|--------|
| #1 | .00063 | .00152  | .01398 | .00464 | -.00328 | .02080  | .02577 | .00009 |
| #2 | .00440 | -.00108 | .01510 | .00153 | -.00342 | -.01082 | .02447 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00038 | 76.946 | .00189 | .00075 | .00311 | .01489 | .00864 | 218.15 |
| Stddev | .00012 | .442   | .00015 | .00032 | .00039 | .00158 | .00008 | .49    |
| %RSD   | 30.491 | .57466 | 8.1478 | 43.017 | 12.655 | 10.590 | .90100 | .22289 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00030 | 77.259 | -.00178 | -.00052 | .00283 | -.01600 | .00870 | 218.50 |
| #2 | -.00047 | 76.633 | -.00200 | -.00097 | .00339 | -.01377 | .00859 | 217.81 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00453 | .00140 | 1683.8 | .00209 | .00071 | 73.005 | .00124 | .75570 |
| Stddev | .00038 | .00015 | 21.1   | .00084 | .00014 | .585   | .00012 | .00629 |
| %RSD   | 8.4708 | 10.932 | 1.2549 | 40.229 | 19.526 | .80109 | 9.2958 | .83228 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00426 | .00129 | 1698.7 | .00268 | .00061 | 73.419 | .00116 | .76015 |
| #2 | -.00480 | .00151 | 1668.8 | .00149 | .00081 | 72.592 | .00132 | .75126 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 176.77 | .90851 | .06446 | .00193 | .32917 | .0948  | 1.3365 | 10.617 |
| Stddev | .87    | .01676 | .00020 | .00024 | .01368 | .0010  | .0088  | 2.097  |
| %RSD   | .49246 | 1.8449 | .30396 | 12.410 | 4.1559 | 1.101  | .65932 | 19.753 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 177.39 | .92036 | -.06432 | -.00210 | .33884 | .0941 | 1.3427 | 9.1339 |
| #2 | 176.16 | .89665 | -.06460 | -.00176 | .31949 | .0956 | 1.3303 | 12.100 |

Sample Name: J4875-02      Acquired: 9/13/2018 17:32:28      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 3.2578 |
| Stddev | .3151  |
| %RSD   | 9.6727 |

|    |        |
|----|--------|
| #1 | 3.0350 |
| #2 | 3.4806 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1942.3  | 40566.  | 4364.1  | 107.92 | 2680.9 |
| Stddev    | 4.2     | 83.     | 39.9    | 1.68   | 5.4    |
| %RSD      | .21444  | .20492  | .91339  | 1.5531 | .20204 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1939.4 | 40624. | 4336.0 | 106.73 | 2677.0 |
| #2 | 1945.3 | 40507. | 4392.3 | 109.10 | 2684.7 |

Sample Name: J4875-03      Acquired: 9/13/2018 17:36:38      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |         |         |         |        |         |
|--------|---------|--------|---------|---------|---------|---------|--------|---------|
| Elem   | As1890  | Tl1908 | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00133  | .00404 | .01526  | .00094  | .00286  | .00126  | .02458 | .00001  |
| Stddev | .00022  | .00126 | .00019  | .00013  | .00064  | .01636  | .00050 | .00003  |
| %RSD   | 16.161  | 31.260 | 1.2368  | 13.696  | 22.349  | 1294.2  | 2.0241 | 326.46  |
| #1     | -.00118 | .00494 | .01513  | .00104  | -.00241 | .01030  | .02493 | -.00001 |
| #2     | -.00149 | .00315 | .01539  | .00085  | -.00331 | -.01283 | .02422 | .00003  |
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576 | Mg2790  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00050  | 36.547 | .00184  | .00040  | .00279  | .01686  | .00870 | 252.41  |
| Stddev | .00004  | .918   | .00039  | .00026  | .00038  | .00660  | .00004 | 2.43    |
| %RSD   | 8.2836  | 1.0611 | 21.110  | 65.021  | 13.596  | 39.121  | .47142 | .96128  |
| #1     | -.00047 | 87.196 | -.00211 | -.00022 | .00306  | -.01220 | .00873 | 254.12  |
| #2     | -.00053 | 85.897 | -.00156 | -.00059 | .00252  | -.02153 | .00867 | 250.69  |
| Elem   | Ni2316  | Ag3280 | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020 | B_2496  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00487  | .00165 | 1893.8  | .00210  | .00141  | 36.082  | .00115 | .88199  |
| Stddev | .00048  | .00007 | 26.2    | .00037  | .00006  | .740    | .00001 | .00483  |
| %RSD   | 9.9045  | 4.5094 | 1.3812  | 17.367  | 4.2789  | .85932  | .43853 | .54713  |
| #1     | -.00521 | .00160 | 1912.3  | .00236  | .00137  | 86.605  | .00116 | .88540  |
| #2     | -.00453 | .00170 | 1875.3  | .00185  | .00145  | 85.558  | .00115 | .87858  |
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077 | U_3670  |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | 208.07  | .93082 | .07481  | .00258  | .37535  | .1037   | 1.5465 | 3.2486  |
| Stddev | .79     | .00085 | .00025  | .00093  | .00432  | .0001   | .0145  | .8098   |
| %RSD   | .37823  | .09135 | .33007  | 36.183  | 1.1519  | .1437   | .93808 | 9.8172  |
| #1     | 207.52  | .93142 | -.07464 | -.00192 | .37841  | .1038   | 1.5568 | 8.8212  |
| #2     | 208.63  | .93022 | -.07499 | -.00324 | .37229  | .1036   | 1.5363 | 7.6760  |

Sample Name: J4875-03      Acquired: 9/13/2018 17:36:38      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 2.8786 |
| Stddev | .0410  |
| %RSD   | 1.4244 |

|    |        |
|----|--------|
| #1 | 2.9076 |
| #2 | 2.8496 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1935.4  | 40652.  | 4333.2  | 107.71 | 2646.4 |
| Stddev    | 8.1     | 123.    | 39.0    | 2.79   | 8.3    |
| %RSD      | .42080  | .30281  | .90069  | 2.5901 | .31428 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1941.2 | 40740. | 4305.6 | 105.73 | 2652.3 |
| #2 | 1929.6 | 40565. | 4360.7 | 109.68 | 2640.5 |

Sample Name: J4875-04      Acquired: 9/13/2018 17:40:48      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00098 | .01453 | .00051 | .00164 | .00264 | .02534 | .00002 |
| Stddev | .00193 | .00237 | .00115 | .00451 | .00004 | .01633 | .00044 | .00010 |
| %RSD   | 985.84 | 241.66 | 7.9116 | 887.80 | 2.3271 | 618.43 | 1.7416 | 447.89 |

|    |         |         |        |         |         |         |        |         |
|----|---------|---------|--------|---------|---------|---------|--------|---------|
| #1 | -.00117 | -.00070 | .01371 | -.00370 | -.00161 | -.00891 | .02503 | -.00009 |
| #2 | .00156  | .00266  | .01534 | .00268  | -.00167 | .01419  | .02566 | .00005  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00053 | 79.595 | .00214 | .00038 | .00301 | .00904 | .00997 | 228.47 |
| Stddev | .00015 | .727   | .00034 | .00010 | .00080 | .01254 | .00007 | 2.94   |
| %RSD   | 28.317 | .91275 | 15.720 | 27.418 | 26.759 | 138.83 | .72018 | 1.2858 |

|    |         |        |         |         |        |         |        |        |
|----|---------|--------|---------|---------|--------|---------|--------|--------|
| #1 | -.00064 | 80.109 | -.00238 | -.00031 | .00244 | -.01791 | .00992 | 230.55 |
| #2 | -.00043 | 79.081 | -.00190 | -.00045 | .00357 | -.00017 | .01002 | 226.39 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00444 | .00157 | 1718.3 | .00187 | .00074 | 76.569 | .00065 | .79381 |
| Stddev | .00025 | .00065 | 18.7   | .00026 | .00001 | 1.111  | .00008 | .00534 |
| %RSD   | 5.6065 | 41.524 | 1.0911 | 14.140 | .86645 | 1.4509 | 11.681 | .67278 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00426 | .00204 | 1731.6 | .00206 | .00073 | 77.355 | .00060 | .79003 |
| #2 | -.00461 | .00111 | 1705.1 | .00168 | .00074 | 75.783 | .00070 | .79758 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 185.69 | .90641 | .06652 | .00243 | .32239 | .1022  | 1.3932 | 10.604 |
| Stddev | .00    | .01060 | .00017 | .00014 | .00903 | .0017  | .0134  | .372   |
| %RSD   | .00234 | 1.1699 | .24934 | 5.7270 | 2.8019 | 1.704  | .96163 | 3.5038 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 185.70 | .91391 | -.06664 | -.00253 | .32877 | .1010 | 1.4027 | 10.341 |
| #2 | 185.69 | .89891 | -.06641 | -.00233 | .31600 | .1035 | 1.3837 | 10.867 |

Sample Name: J4875-04      Acquired: 9/13/2018 17:40:48      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      2.7859  
Stddev      .1010  
%RSD      3.6269

#1      2.8573  
#2      2.7144

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 1943.0  | 40349.  | 4358.1  | 106.89 | 2675.0 |
| Stddev    | 5.8     | 17.     | 41.8    | 1.58   | 4.7    |
| %RSD      | .30046  | .04308  | .95871  | 1.4765 | .17496 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 1947.1 | 40361. | 4328.6 | 108.00 | 2678.4 |
| #2 | 1938.8 | 40337. | 4387.7 | 105.77 | 2671.7 |

Sample Name: CCV06      Acquired: 9/13/2018 17:44:58      Type: Unk  
Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |          |        |
|--------|--------|--------|--------|--------|--------|----------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961   | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | 4.6166 | 4.8446 | 4.9630 | 4.6991 | 4.7263 | F 11.020 | 9.6721 |
| Stddev | .0087  | .0000  | .0049  | .0125  | .0075  | .003     | .0935  |
| %RSD   | .18869 | .00070 | .09944 | .26587 | .15803 | .02997   | .96630 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6227 | 4.8446 | 4.9595 | 4.6903 | 4.7316 | 11.018 | 9.7382 |
| #2 | 4.6104 | 4.8446 | 4.9664 | 4.7079 | 4.7210 | 11.023 | 9.6060 |

|        |        |          |          |          |        |        |        |
|--------|--------|----------|----------|----------|--------|--------|--------|
| Elem   | Be2348 | Cd2265   | Ca3736   | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm      | ppm      | ppm      | ppm    | ppm    | ppm    |
| Avg    | .27368 | F 2.2030 | F 21.642 | F 1.1044 | 2.3400 | 1.1945 | 4.7548 |
| Stddev | .00107 | .0030    | .026     | .0009    | .0027  | .0001  | .0114  |
| %RSD   | .39208 | .13528   | .12037   | .08551   | .11417 | .00586 | .24038 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27444 | 2.2051 | 21.660 | 1.1050 | 2.3418 | 1.1945 | 4.7467 |
| #2 | .27292 | 2.2009 | 21.624 | 1.1037 | 2.3381 | 1.1946 | 4.7629 |

|        |          |        |        |        |        |          |        |
|--------|----------|--------|--------|--------|--------|----------|--------|
| Elem   | Mn2576   | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924   | Zn2138 |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    |
| Avg    | F 2.7567 | 22.938 | 2.3593 | 1.3655 | 26.782 | F 2.7514 | 2.3850 |
| Stddev | .0040    | .088   | .0027  | .0011  | .220   | .0101    | .0015  |
| %RSD   | .14598   | .38374 | .11616 | .08247 | .82137 | .36831   | .06511 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7595 | 23.000 | 2.3612 | 1.3663 | 26.938 | 2.7585 | 2.3861 |
| #2 | 2.7538 | 22.875 | 2.3573 | 1.3647 | 26.627 | 2.7442 | 2.3839 |

|        |        |          |        |        |        |        |        |
|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020   | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.028 | F 4.4898 | 4.7484 | 4.5227 | 4.6978 | 4.8924 | 4.9119 |
| Stddev | .151   | .0035    | .0216  | .0002  | .0255  | .0022  | .0429  |
| %RSD   | .62905 | .07889   | .45390 | .00433 | .54210 | .04519 | .87426 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.135 | 4.4923 | 4.7636 | 4.5228 | 4.7158 | 4.8908 | 4.9422 |
| #2 | 23.921 | 4.4873 | 4.7331 | 4.5226 | 4.6798 | 4.8939 | 4.8815 |

Sample Name: CCV06      Acquired: 9/13/2018 17:44:58      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |        |        |        |         |         |
|-----------|--------|--------|--------|---------|---------|
| Elem      | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units     | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg       | 5.4033 | 4.612  | 4.8348 | F<00000 | F1.8407 |
| Stddev    | .0138  | .005   | .0363  | .09505  | .2005   |
| %RSD      | .25539 | .1170  | .75157 | 1.1601  | 10.892  |
| #1        | 5.4131 | 4.615  | 4.8605 | -8.1261 | 1.9825  |
| #2        | 5.3936 | 4.608  | 4.8091 | -8.2606 | 1.6990  |
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | ln2306  | ln2306  |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S   |
| Avg       | 2165.3 | 47789. | 4486.5 | 111.06  | 3297.5  |
| Stddev    | 7.8    | 203.   | 40.3   | .05     | 10.5    |
| %RSD      | .36176 | .42569 | .89826 | .04915  | .31740  |
| #1        | 2159.8 | 47645. | 4458.0 | 111.02  | 3290.1  |
| #2        | 2170.9 | 47932. | 4515.0 | 111.10  | 3304.9  |

Sample Name: CCB06      Acquired: 9/13/2018 17:48:47      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00120 | .00268 | .00490 | .00017 | .00146 | .00711 | .00079 |
| Stddev | .00039 | .00094 | .00028 | .00213 | .00133 | .01595 | .00049 |
| %RSD   | 32.280 | 34.870 | 5.7945 | 1255.8 | 91.689 | 224.42 | 62.823 |

|    |         |        |        |         |        |         |        |
|----|---------|--------|--------|---------|--------|---------|--------|
| #1 | -.00093 | .00334 | .00470 | .00167  | .00051 | .00417  | .00114 |
| #2 | -.00148 | .00202 | .00510 | -.00133 | .00240 | -.01839 | .00044 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00007 | .02208 | .00097 | .00001 | .00108 | .00206 |
| Stddev | .00002 | .00004 | .00607 | .00056 | .00012 | .00037 | .00100 |
| %RSD   | 18.178 | 49.802 | 27.513 | 57.910 | 1398.1 | 34.358 | 48.489 |

|    |         |         |         |         |         |        |        |
|----|---------|---------|---------|---------|---------|--------|--------|
| #1 | -.00010 | -.00005 | -.02638 | -.00057 | .00007  | .00081 | .00277 |
| #2 | -.00013 | -.00010 | -.01778 | -.00136 | -.00009 | .00134 | .00135 |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00003 | .00503 | .00151 | .00089 | F1.2774 | .00009 | .00004 |
| Stddev | .00004 | .05018 | .00067 | .00008 | .0173   | .00046 | .00002 |
| %RSD   | 118.86 | 997.53 | 44.376 | 9.2143 | 1.3530  | 493.28 | 56.006 |

|    |         |         |        |        |        |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00005 | .04051  | .00104 | .00095 | 1.2897 | -.00023 | -.00003 |
| #2 | .00000  | -.03045 | .00199 | .00083 | 1.2652 | .00042  | -.00006 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00163 | .00021 | .00603 | .00376 | .00248 | .00030 | .00048 |
| Stddev | .02658 | .00057 | .00029 | .00032 | .00114 | .00050 | .00003 |
| %RSD   | 1634.9 | 268.45 | 4.8845 | 8.5157 | 46.051 | 164.92 | 6.1829 |

|    |         |         |        |        |         |         |        |
|----|---------|---------|--------|--------|---------|---------|--------|
| #1 | .01717  | .00019  | .00582 | .00354 | -.00168 | .00066  | .00046 |
| #2 | -.02042 | -.00061 | .00624 | .00399 | -.00329 | -.00005 | .00050 |

Sample Name: CCB06      Acquired: 9/13/2018 17:48:47      Type: Unk  
 Method: P4-ICP2(v2414)      Mode: CONC      Corr. Factor: 1.000000  
 User: admin      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .10214  | .0015   | .00008  | F<00000 | F<00000 |
| Stddev    | .00851  | .0016   | .00003  | .78707  | .35191  |
| %RSD      | 8.3300  | 109.9   | 31.815  | 5.1767  | 50.428  |
| #1        | .10815  | .0026   | .00010  | -14.647 | -.44901 |
| #2        | .09612  | .0003   | .00006  | -15.761 | -.94669 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2171.5  | 48611.  | 4676.1  | 118.95  | 3528.0  |
| Stddev    | 11.7    | 568.    | 25.0    | .22     | 15.5    |
| %RSD      | .53899  | 1.1692  | .53469  | .18420  | .44004  |
| #1        | 2163.2  | 48209.  | 4693.8  | 118.79  | 3517.1  |
| #2        | 2179.8  | 49012.  | 4658.4  | 119.10  | 3539.0  |