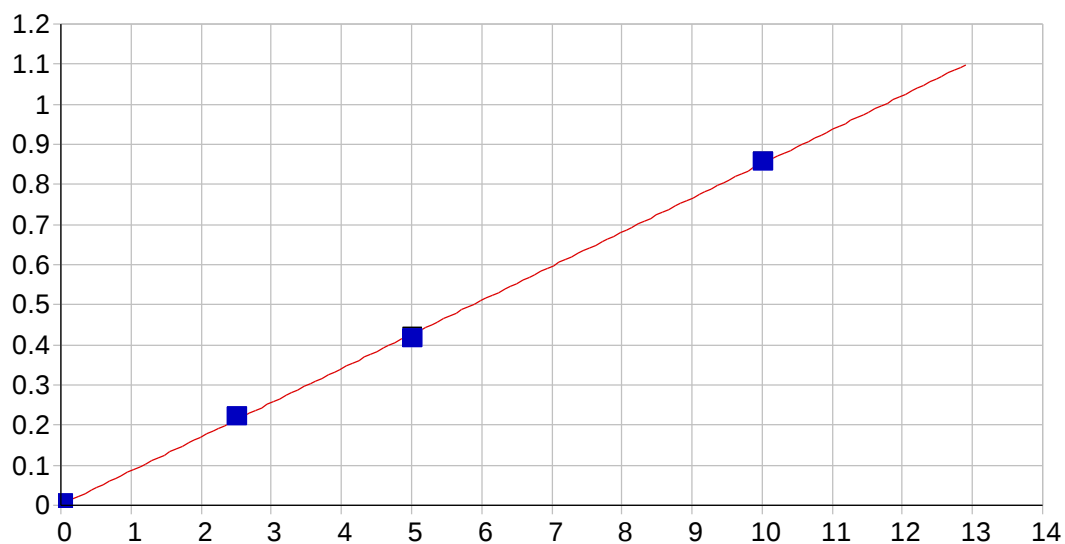




As 189.042 {478}

Date of Fit: 7/18/2018 16:27:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000281

Re-Slope: 1.000000

A1 (Gain): 0.085112

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999844

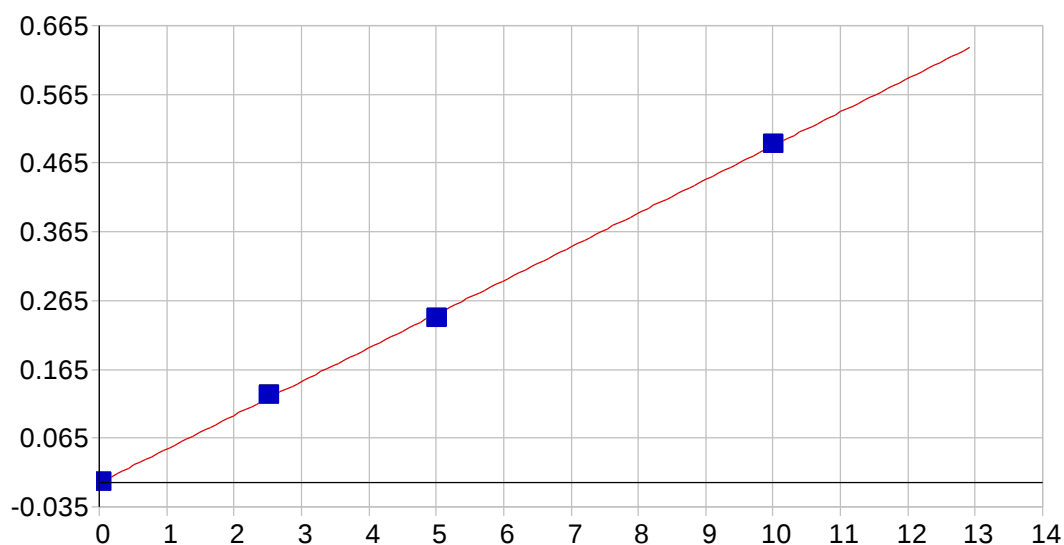
Status: OK.

Std Error of Est: 0.000036

Predicted MDL: 0.003755

Predicted MQL: 0.012515

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00028 | .000    | 1        |
| S1        | .02000       | .01773      | -.002      | -11.3   | .00179 | .000    | 1        |
| S3        | 2.5000       | 2.5805      | .080       | 3.22    | .21990 | .002    | 1        |
| S4        | 5.0000       | 4.8882      | -.112      | -2.24   | .41630 | .001    | 1        |
| S5        | 10.000       | 10.034      | .034       | .336    | .85420 | .000    | 1        |



As 189.042 {479}

Date of Fit: 7/18/2018 16:27:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000066

Re-Slope: 1.000000

A1 (Gain): 0.048996

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999820

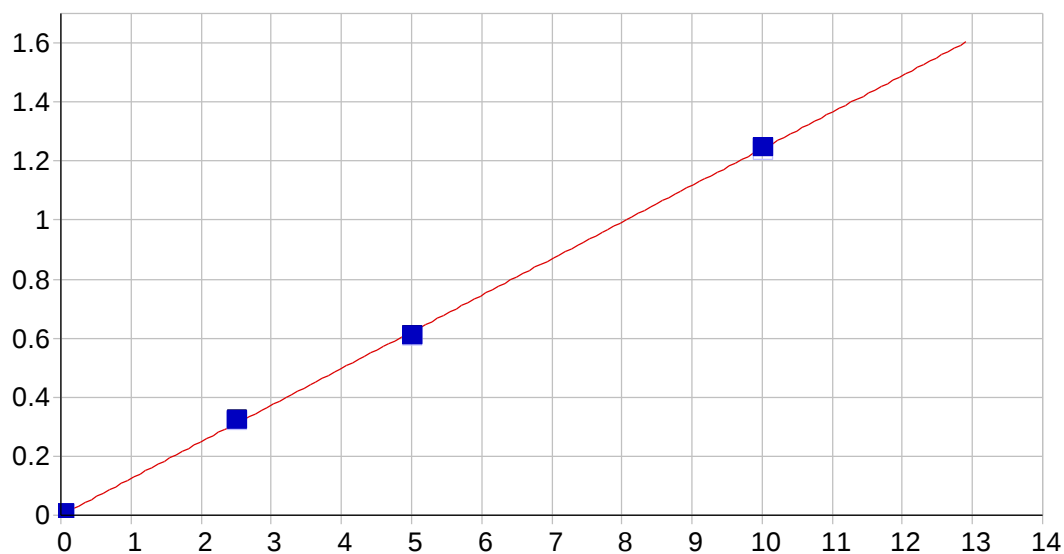
Status: OK.

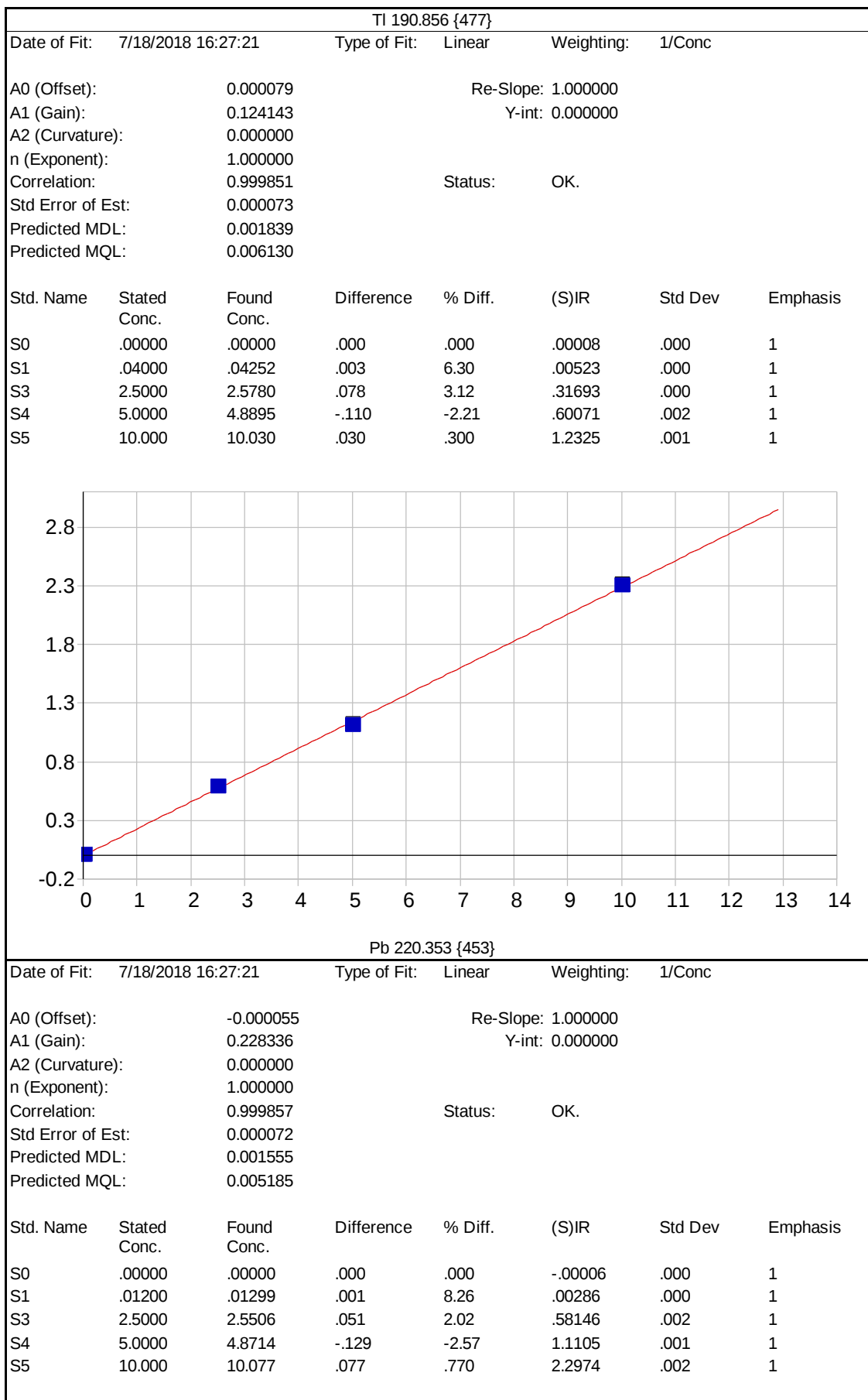
Std Error of Est: 0.000022

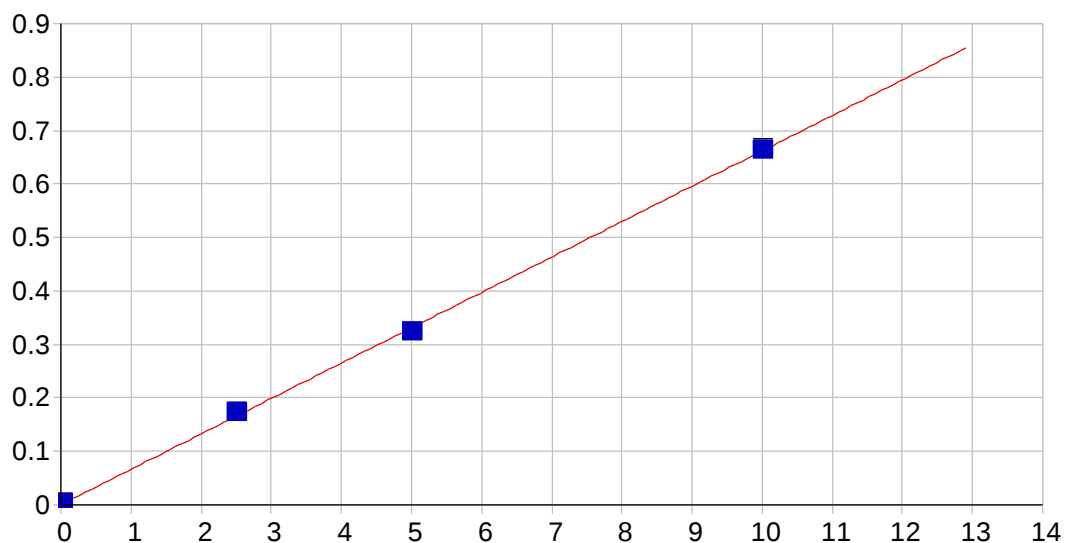
Predicted MDL: 0.004100

Predicted MQL: 0.013666

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00007 | .000    | 1        |
| S1        | .02000       | .02251      | .003       | 12.6    | .00117 | .000    | 1        |
| S3        | 2.5000       | 2.5885      | .088       | 3.54    | .12688 | .000    | 1        |
| S4        | 5.0000       | 4.8822      | -.118      | -2.36   | .23926 | .000    | 1        |
| S5        | 10.000       | 10.027      | .027       | .268    | .49130 | .001    | 1        |





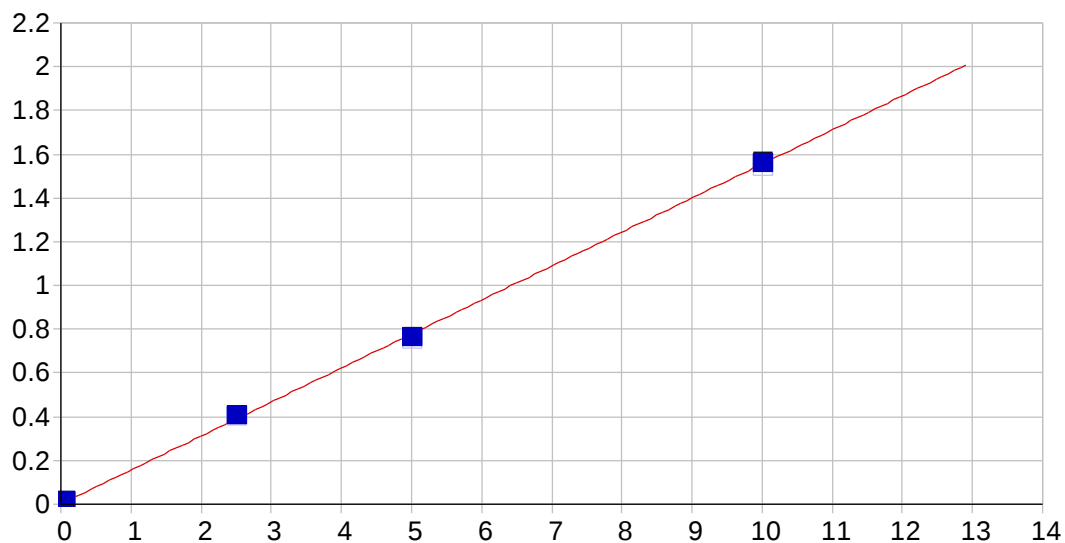


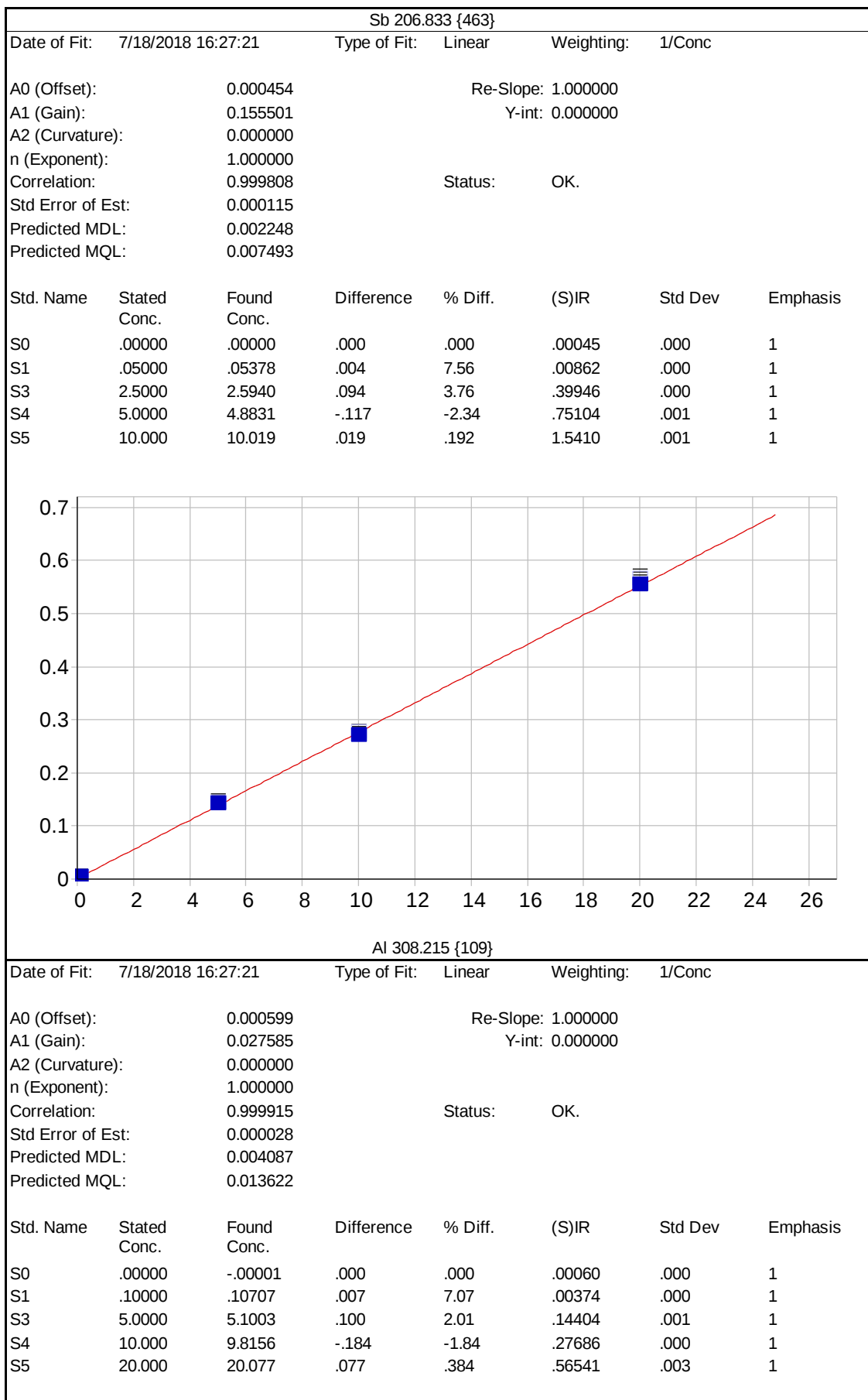
Se 196.090 {472}

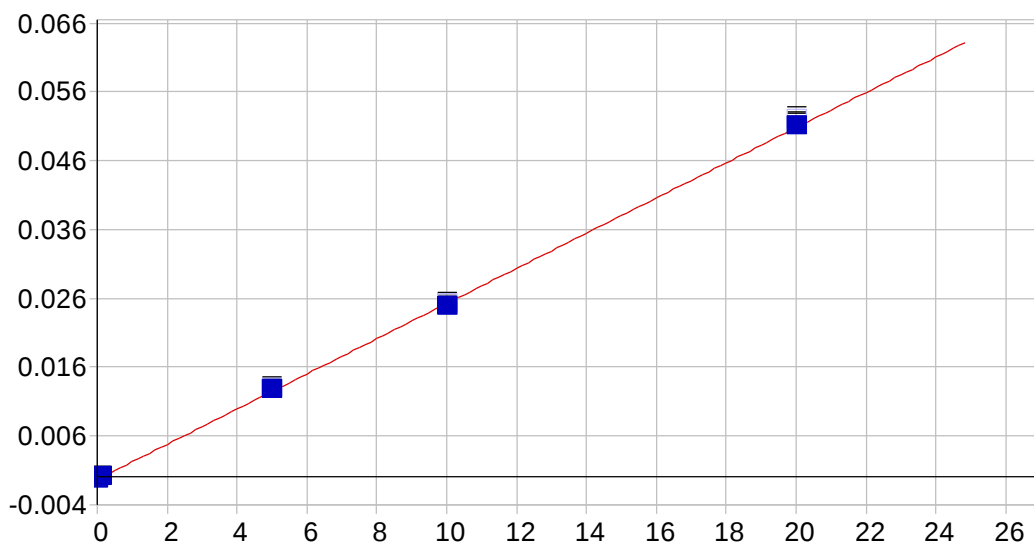
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000156 Re-Slope: 1.000000  
 A1 (Gain): 0.066193 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999829 Status: OK.  
 Std Error of Est: 0.000030  
 Predicted MDL: 0.004319  
 Predicted MQL: 0.014398

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00016 | .000    | 1        |
| S1        | .02000       | .02099      | .001       | 4.93    | .00155 | .000    | 1        |
| S3        | 2.5000       | 2.5953      | .095       | 3.81    | .17195 | .000    | 1        |
| S4        | 5.0000       | 4.8929      | -.107      | -2.14   | .32405 | .000    | 1        |
| S5        | 10.000       | 10.011      | .011       | .108    | .66283 | .002    | 1        |



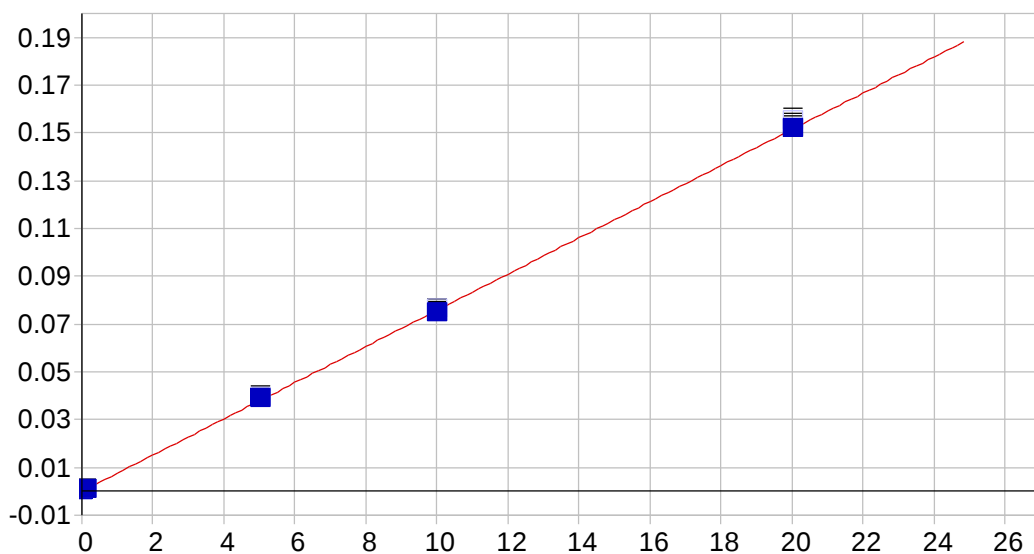


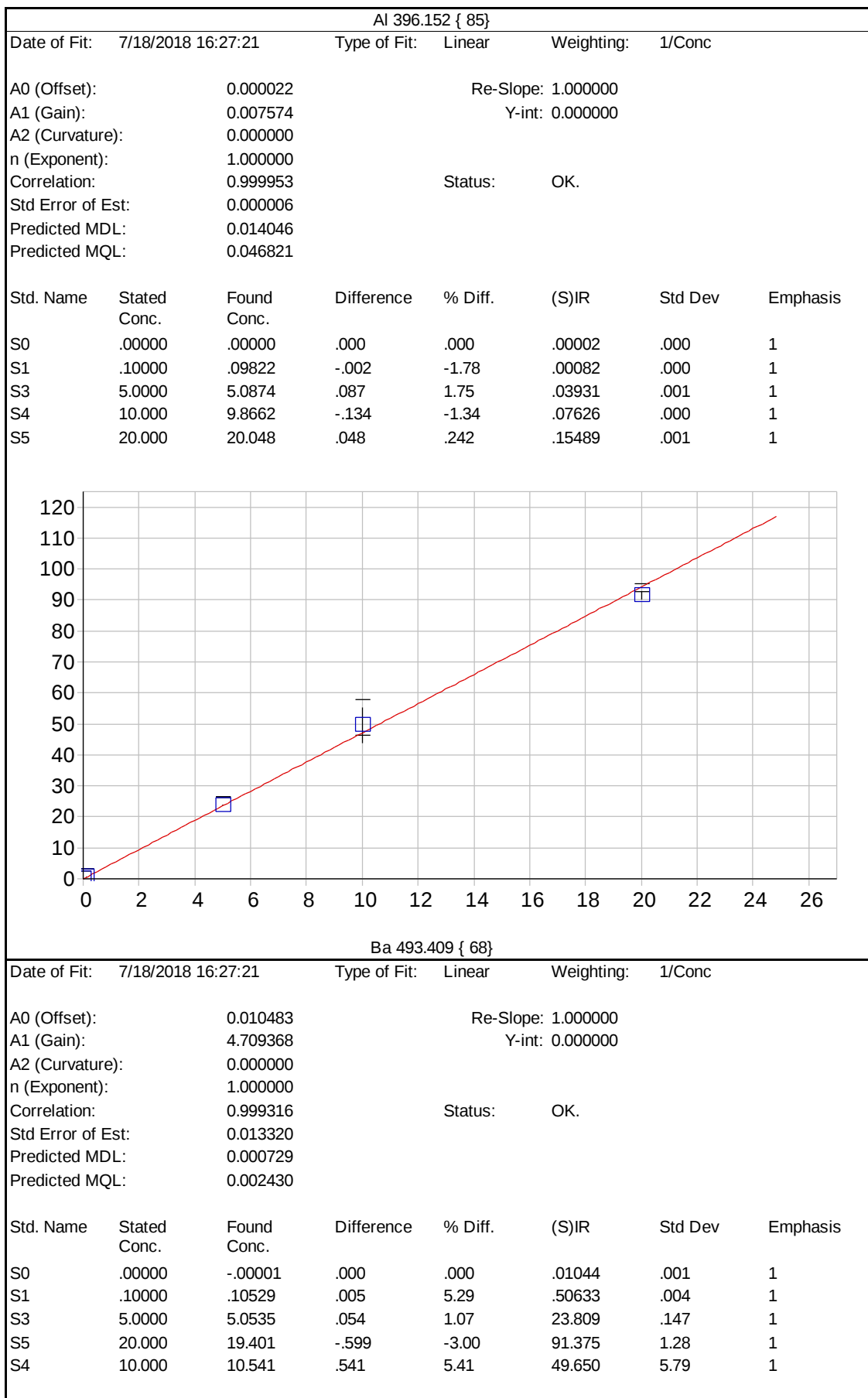


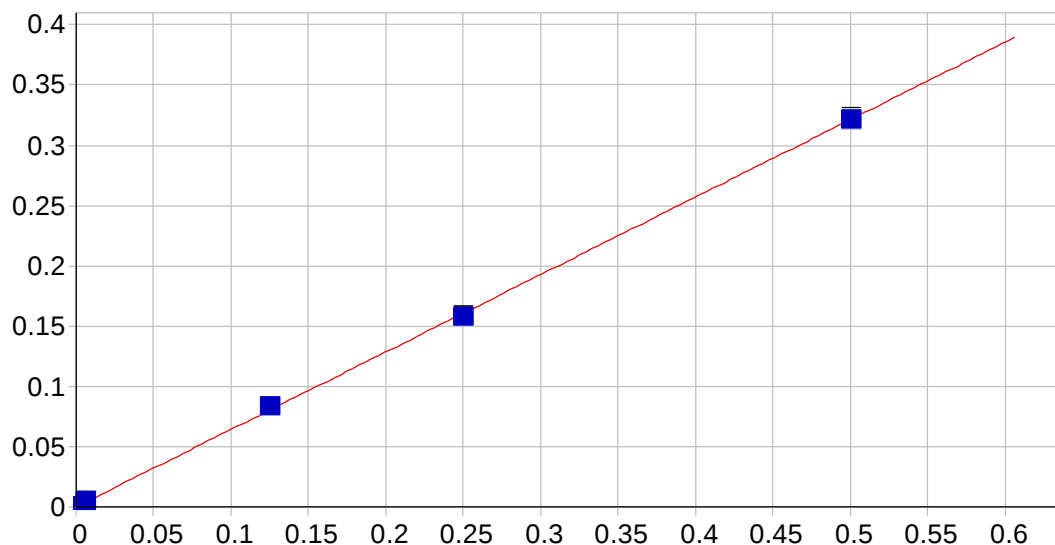
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000307 Re-Slope: 1.000000  
 A1 (Gain): 0.002556 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999719 Status: OK.  
 Std Error of Est: 0.000005  
 Predicted MDL: 0.027894  
 Predicted MQL: 0.092980

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00004     | .000       | .000    | -.00031 | .000    | 1        |
| S1        | .10000       | .13808      | .038       | 38.1    | .00006  | .000    | 1        |
| S3        | 5.0000       | 5.0957      | .096       | 1.91    | .01297  | .000    | 1        |
| S4        | 10.000       | 9.8007      | -.199      | -1.99   | .02525  | .000    | 1        |
| S5        | 20.000       | 20.064      | .064       | .318    | .05199  | .000    | 1        |





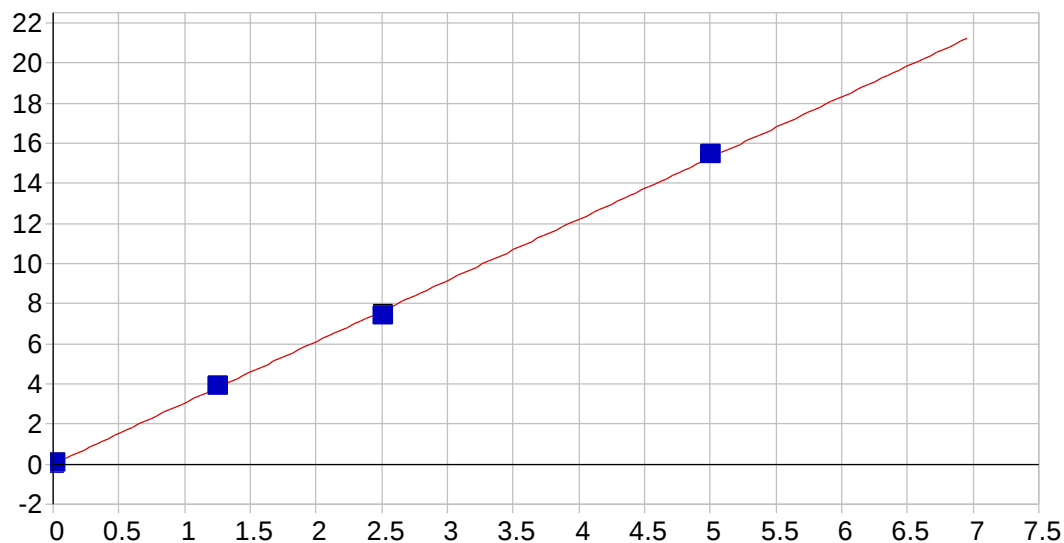


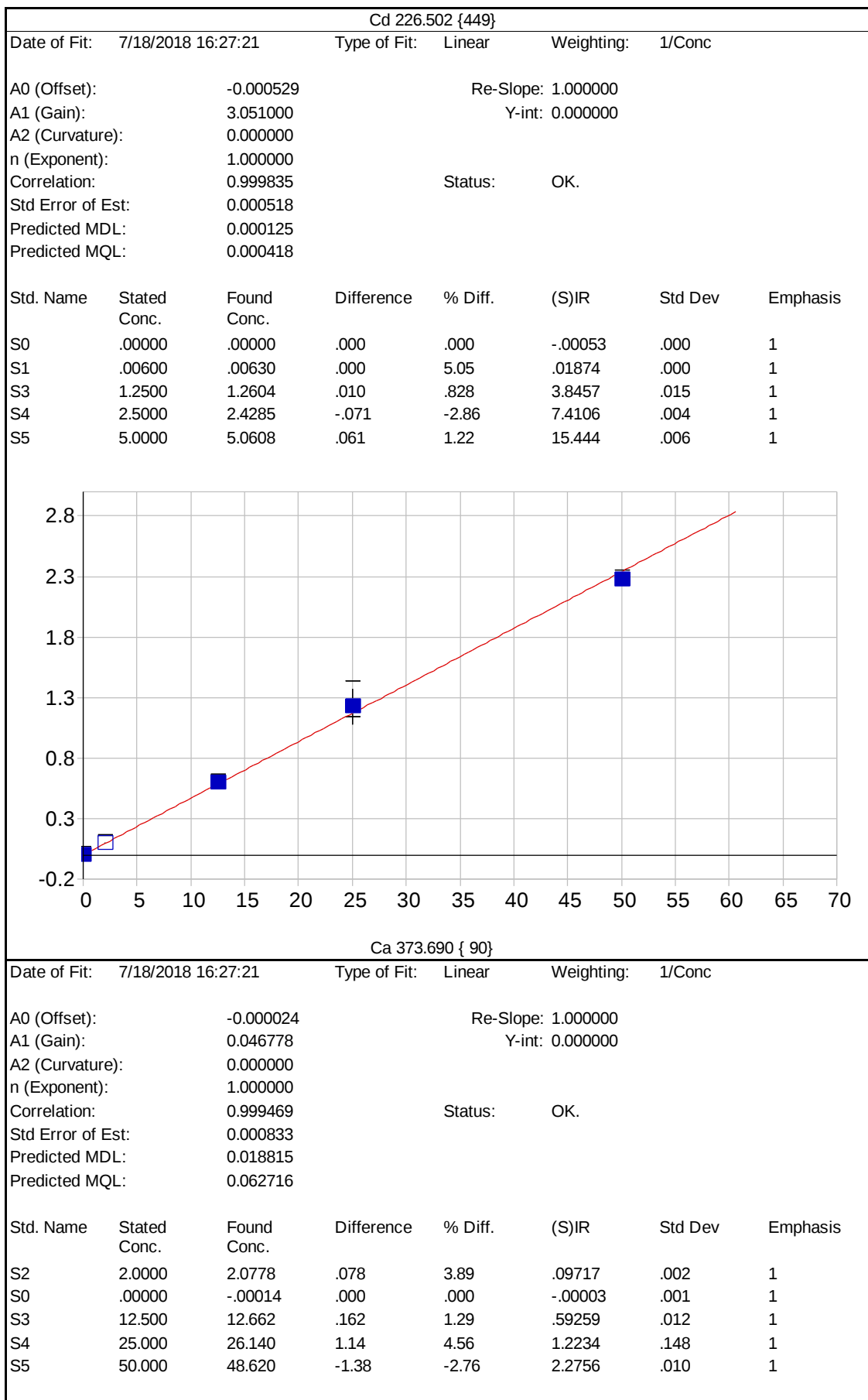
Be 234.861 {144}

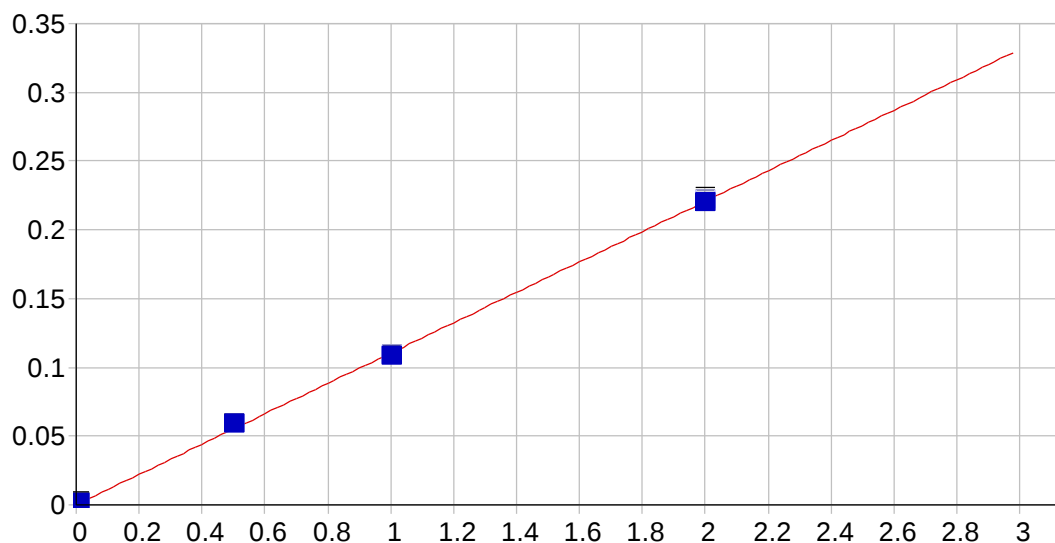
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000015 Re-Slope: 1.000000  
 A1 (Gain): 0.642629 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999810 Status: OK.  
 Std Error of Est: 0.000037  
 Predicted MDL: 0.000089  
 Predicted MQL: 0.000296

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00001 | .000    | 1        |
| S1        | .00600       | .00673      | .001       | 12.2    | .00430 | .000    | 1        |
| S3        | .12500       | .12928      | .004       | 3.42    | .08259 | .000    | 1        |
| S4        | .25000       | .24510      | -.005      | -1.96   | .15651 | .000    | 1        |
| S5        | .50000       | .49990      | .000       | -.021   | .31924 | .002    | 1        |







Date of Fit: 7/18/2018 16:27:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000024

Re-Slope: 1.000000

A1 (Gain): 0.110379

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999655

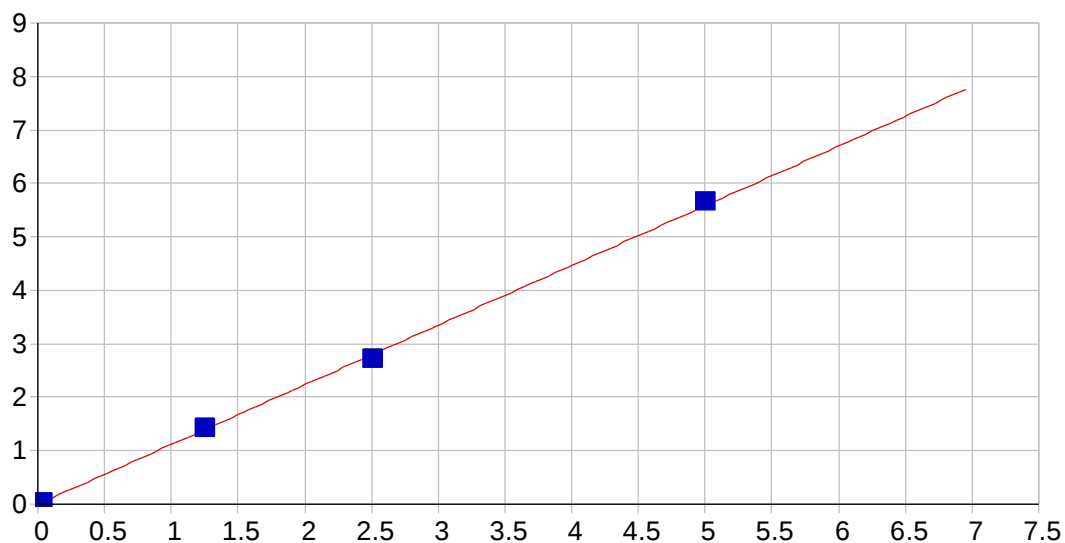
Status: OK.

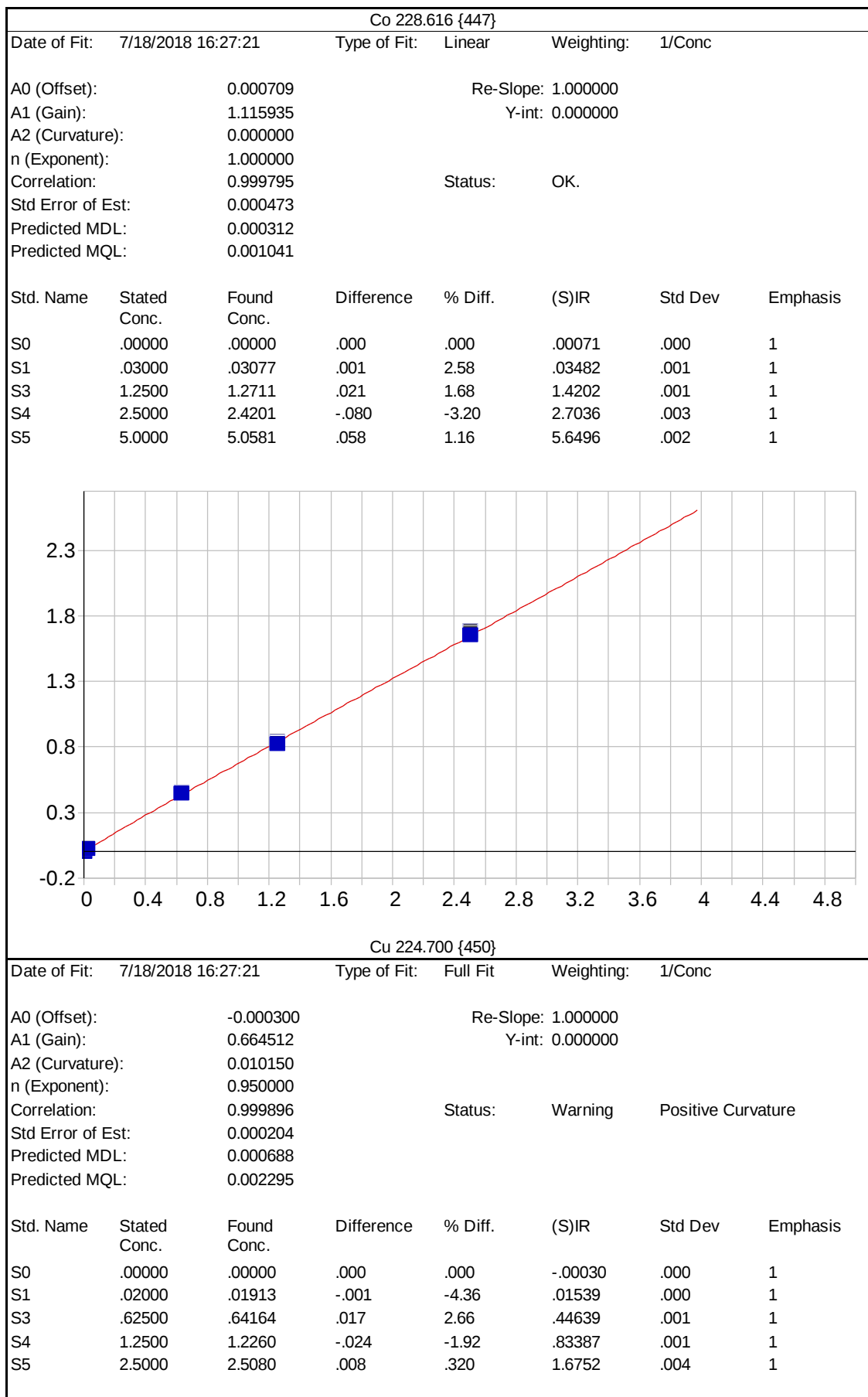
Std Error of Est: 0.000022

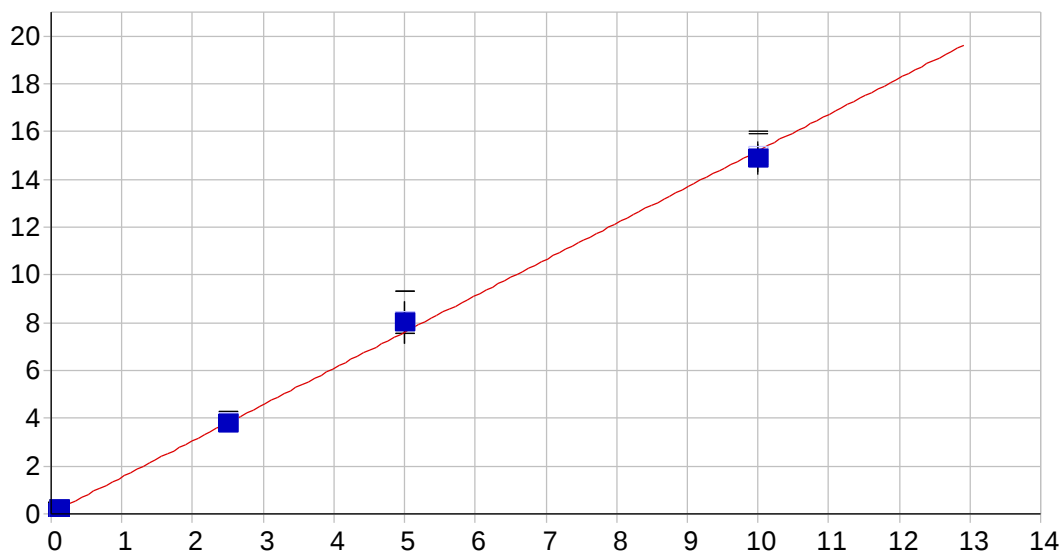
Predicted MDL: 0.000645

Predicted MQL: 0.002149

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .01167      | .002       | 16.7    | .00132 | .000    | 1        |
| S3        | .50000       | .52838      | .028       | 5.68    | .05875 | .000    | 1        |
| S4        | 1.0000       | .97668      | -.023      | -2.33   | .10864 | .000    | 1        |
| S5        | 2.0000       | 1.9933      | -.007      | -.336   | .22166 | .002    | 1        |





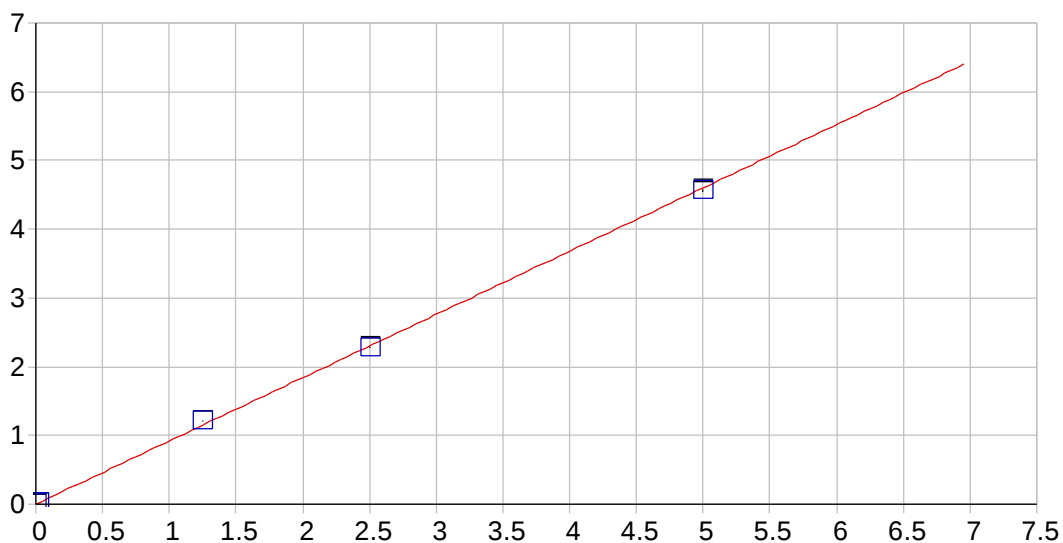


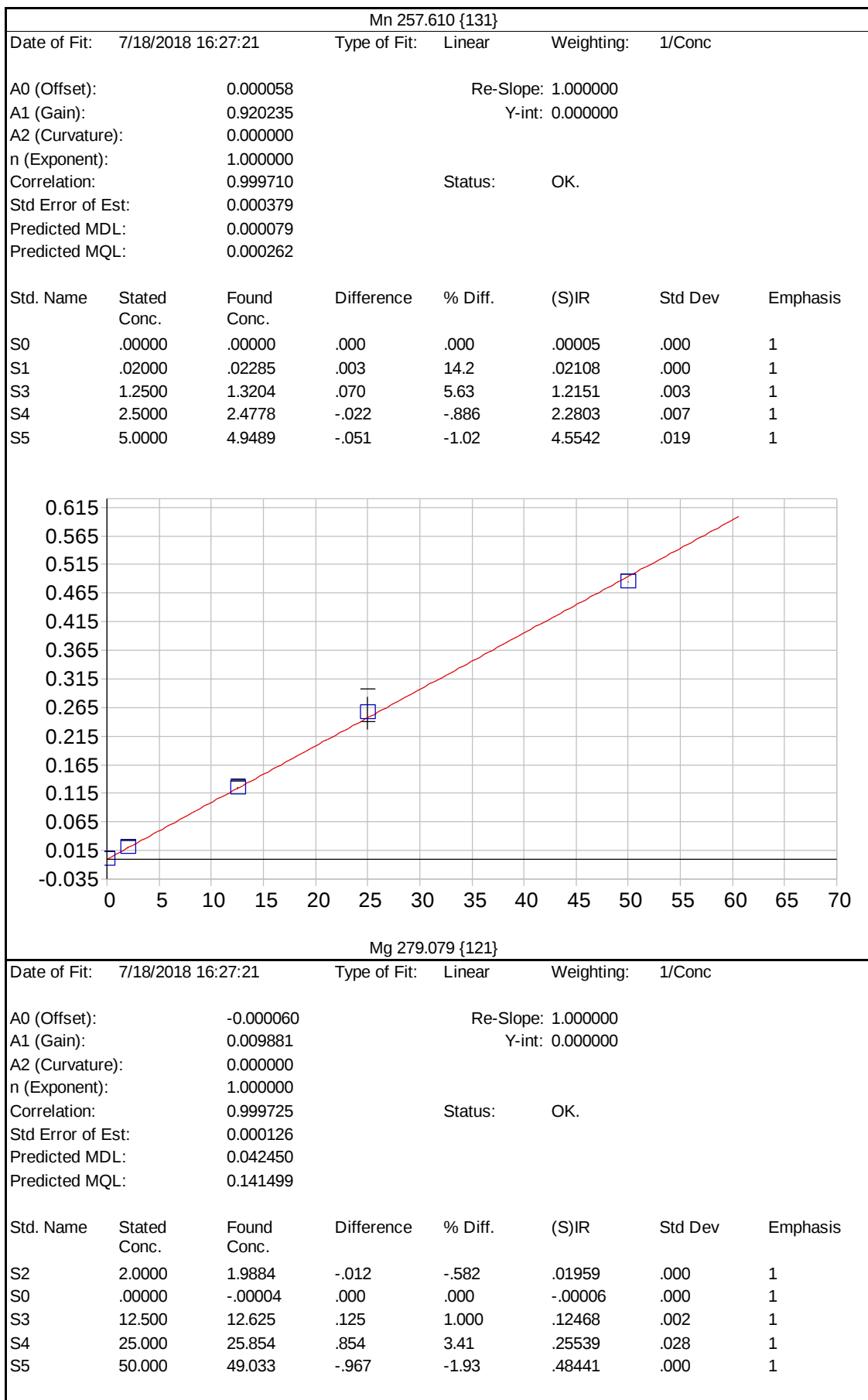
Fe 240.488 {140}

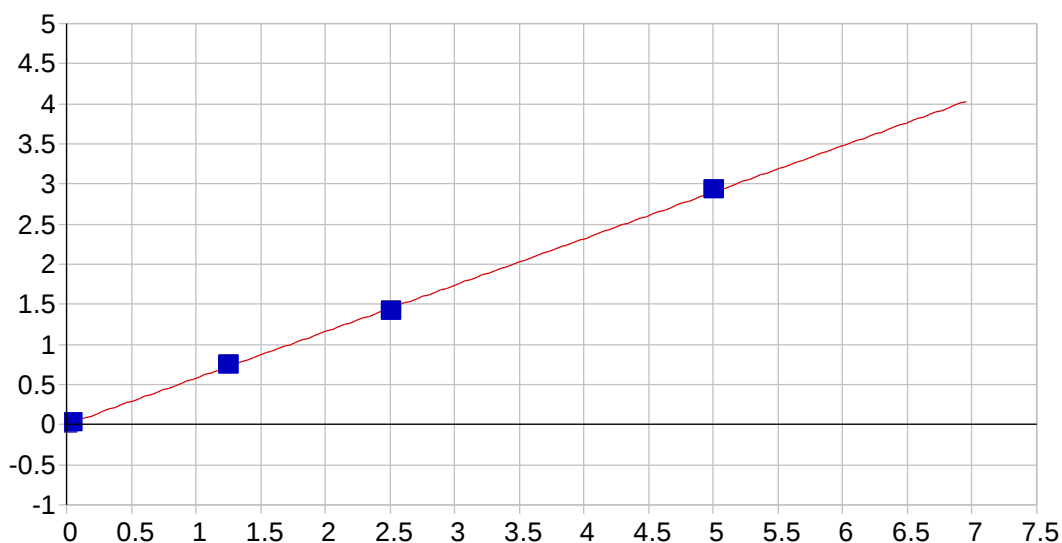
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.016721 Re-Slope: 1.000000  
 A1 (Gain): 1.518176 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999492 Status: OK.  
 Std Error of Est: 0.002634  
 Predicted MDL: 0.010673  
 Predicted MQL: 0.035577

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01672 | .013    | 1        |
| S1        | .10000       | .10226      | .002       | 2.26    | .17271 | .005    | 1        |
| S3        | 2.5000       | 2.4706      | -.029      | -1.18   | 3.7866 | .069    | 1        |
| S4        | 5.0000       | 5.2515      | .251       | 5.03    | 8.0276 | .883    | 1        |
| S5        | 10.000       | 9.7757      | -.224      | -2.24   | 14.934 | .638    | 1        |





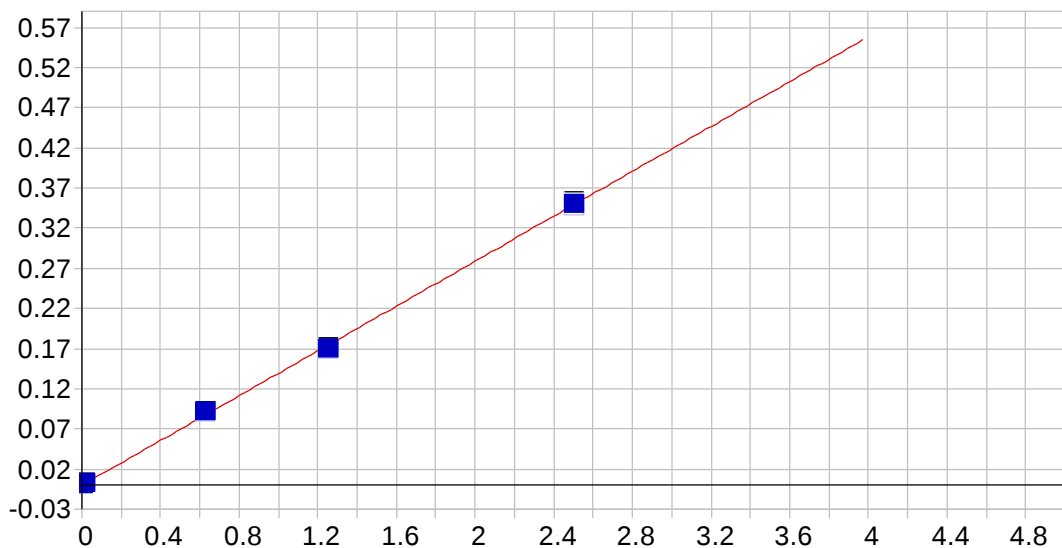


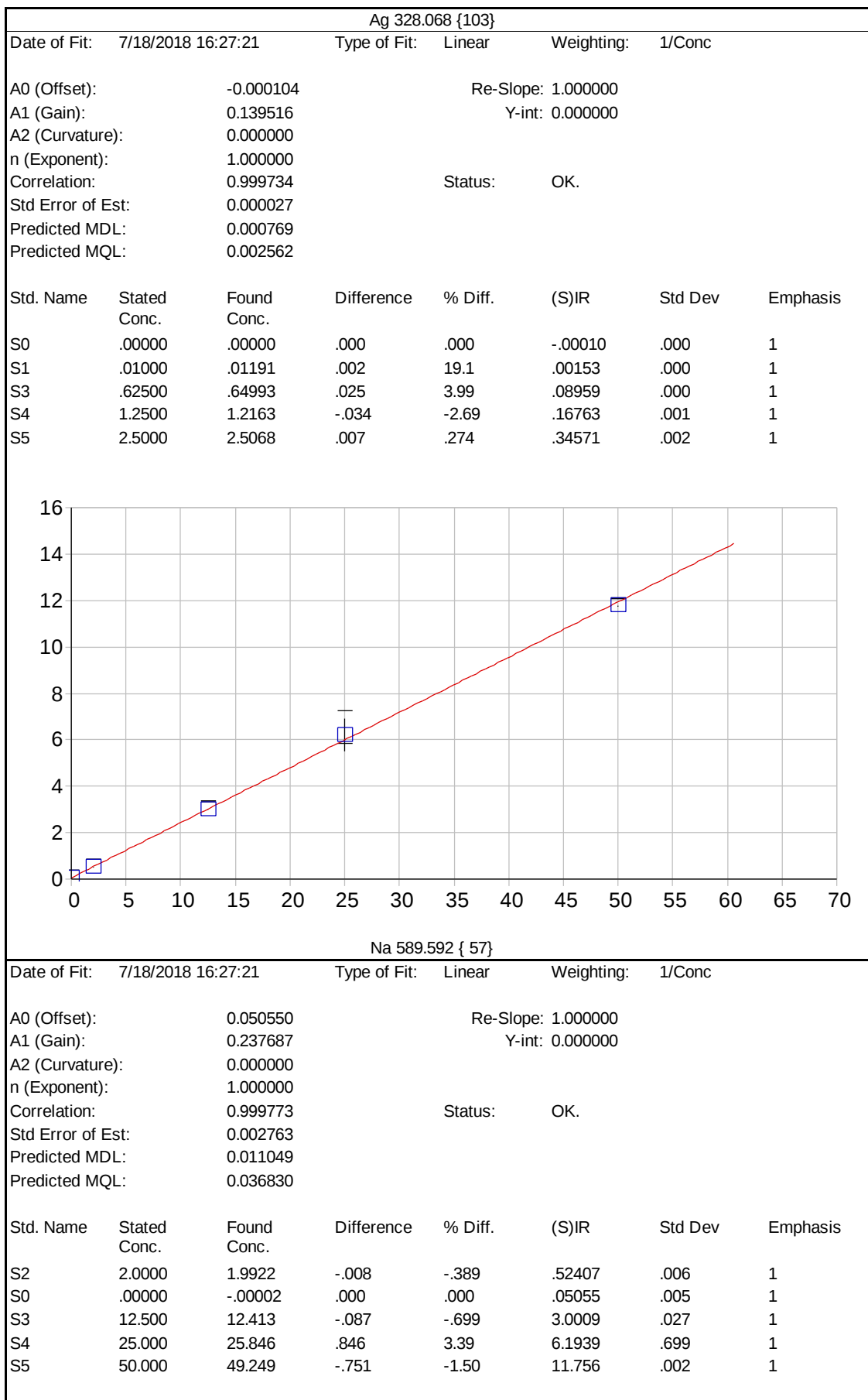
Ni 231.604 {445}

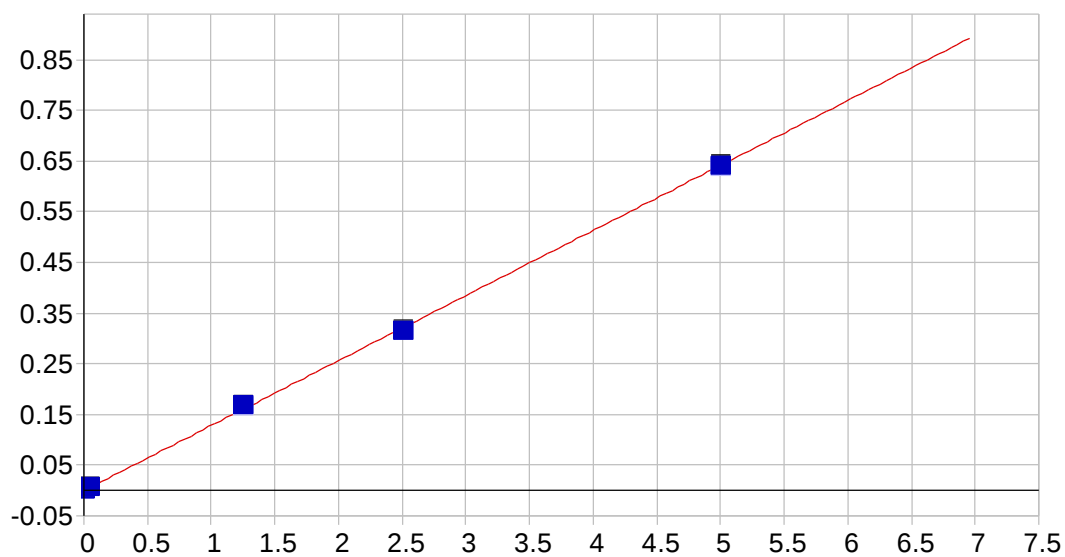
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000426 Re-Slope: 1.000000  
 A1 (Gain): 0.579663 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999812 Status: OK.  
 Std Error of Est: 0.000273  
 Predicted MDL: 0.000593  
 Predicted MQL: 0.001976

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00043 | .000    | 1        |
| S1        | .04000       | .04127      | .001       | 3.18    | .02351  | .000    | 1        |
| S3        | 1.2500       | 1.2765      | .027       | 2.12    | .74032  | .001    | 1        |
| S4        | 2.5000       | 2.4247      | -.075      | -3.01   | 1.4067  | .001    | 1        |
| S5        | 5.0000       | 5.0475      | .047       | .949    | 2.9286  | .001    | 1        |







V 292.402 {115}

Date of Fit: 7/18/2018 16:27:21

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000137

Re-Slope: 1.000000

A1 (Gain): 0.128292

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999825

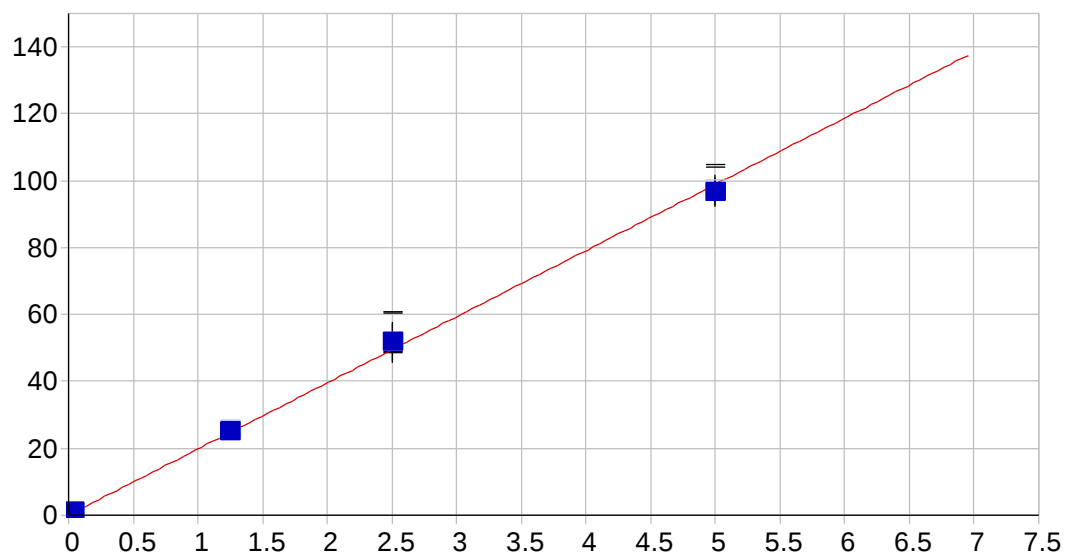
Status: OK.

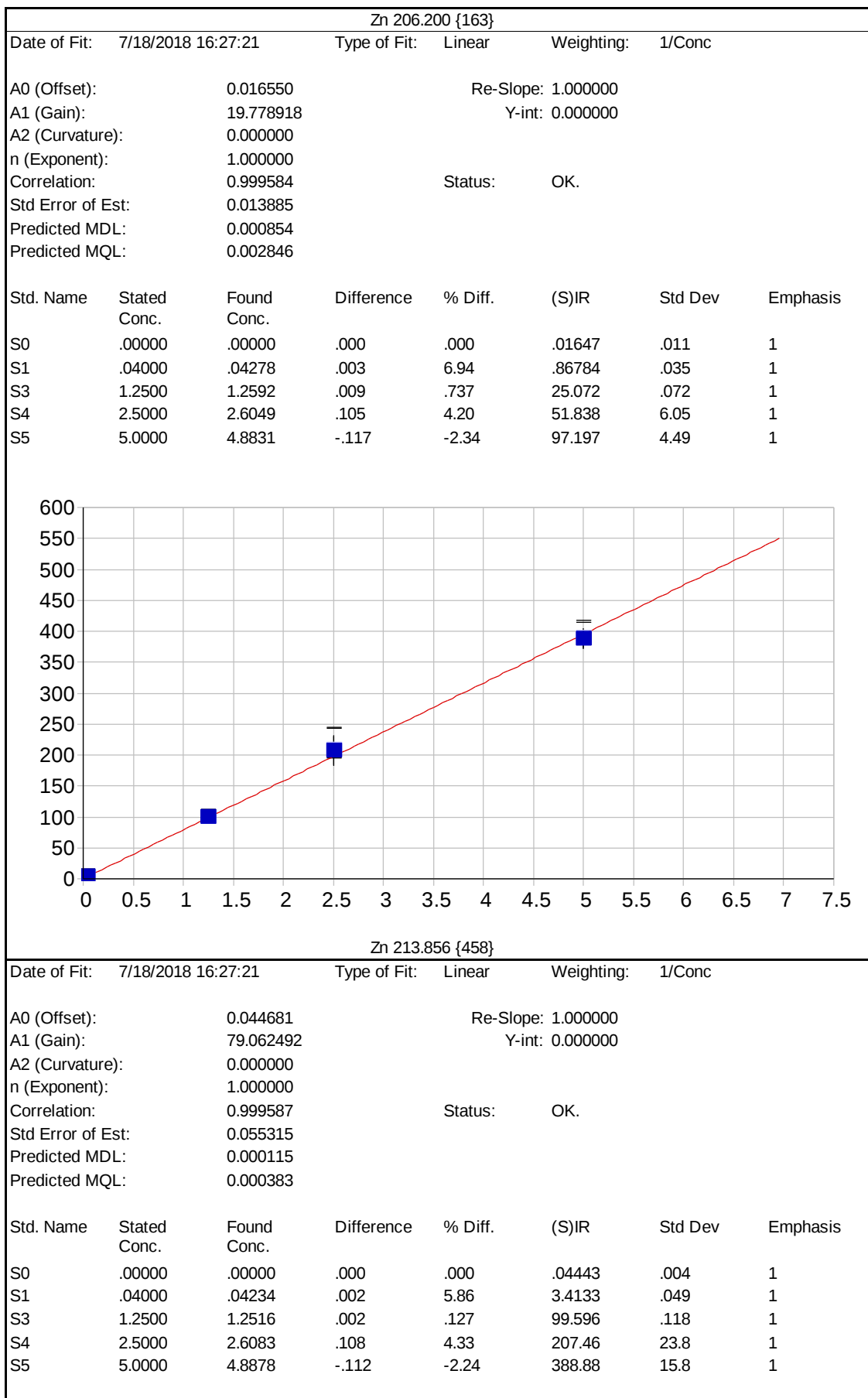
Std Error of Est: 0.000058

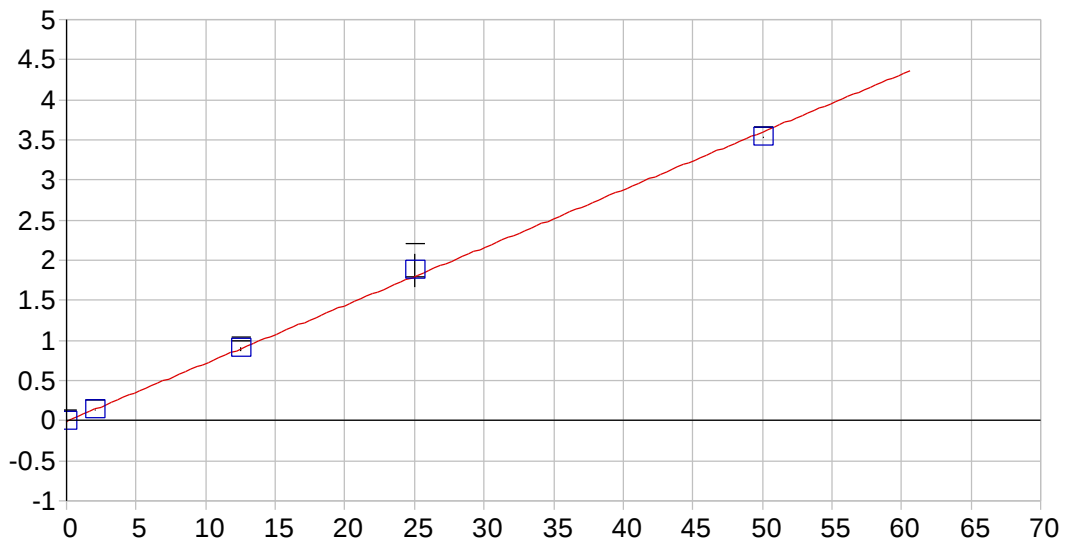
Predicted MDL: 0.000665

Predicted MQL: 0.002217

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .04000       | .04360      | .004       | 9.00    | .00538  | .000    | 1        |
| S3        | 1.2500       | 1.2986      | .049       | 3.89    | .16542  | .001    | 1        |
| S4        | 2.5000       | 2.4547      | -.045      | -1.81   | .31269  | .001    | 1        |
| S5        | 5.0000       | 4.9931      | -.007      | -.138   | .63625  | .002    | 1        |





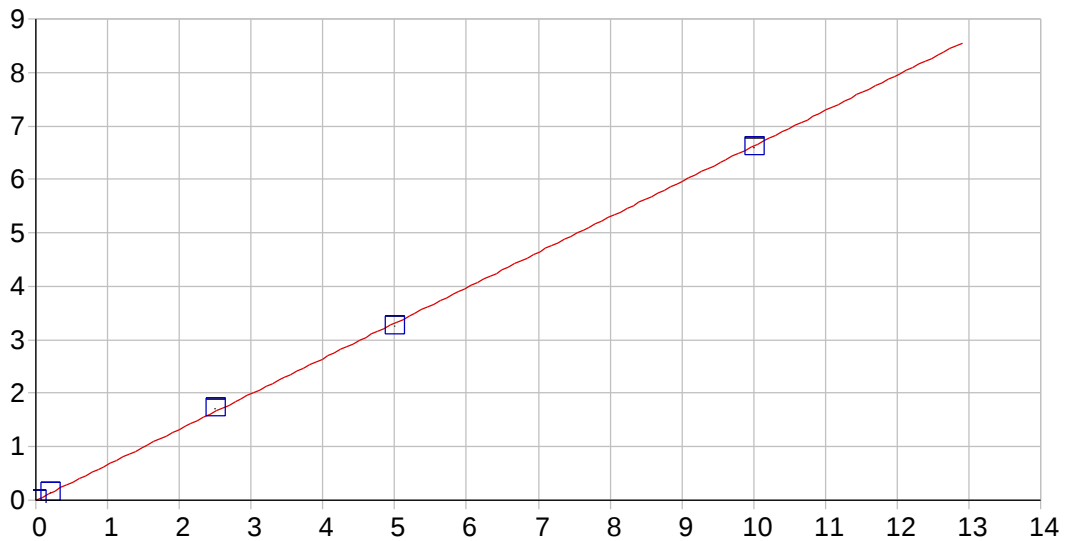


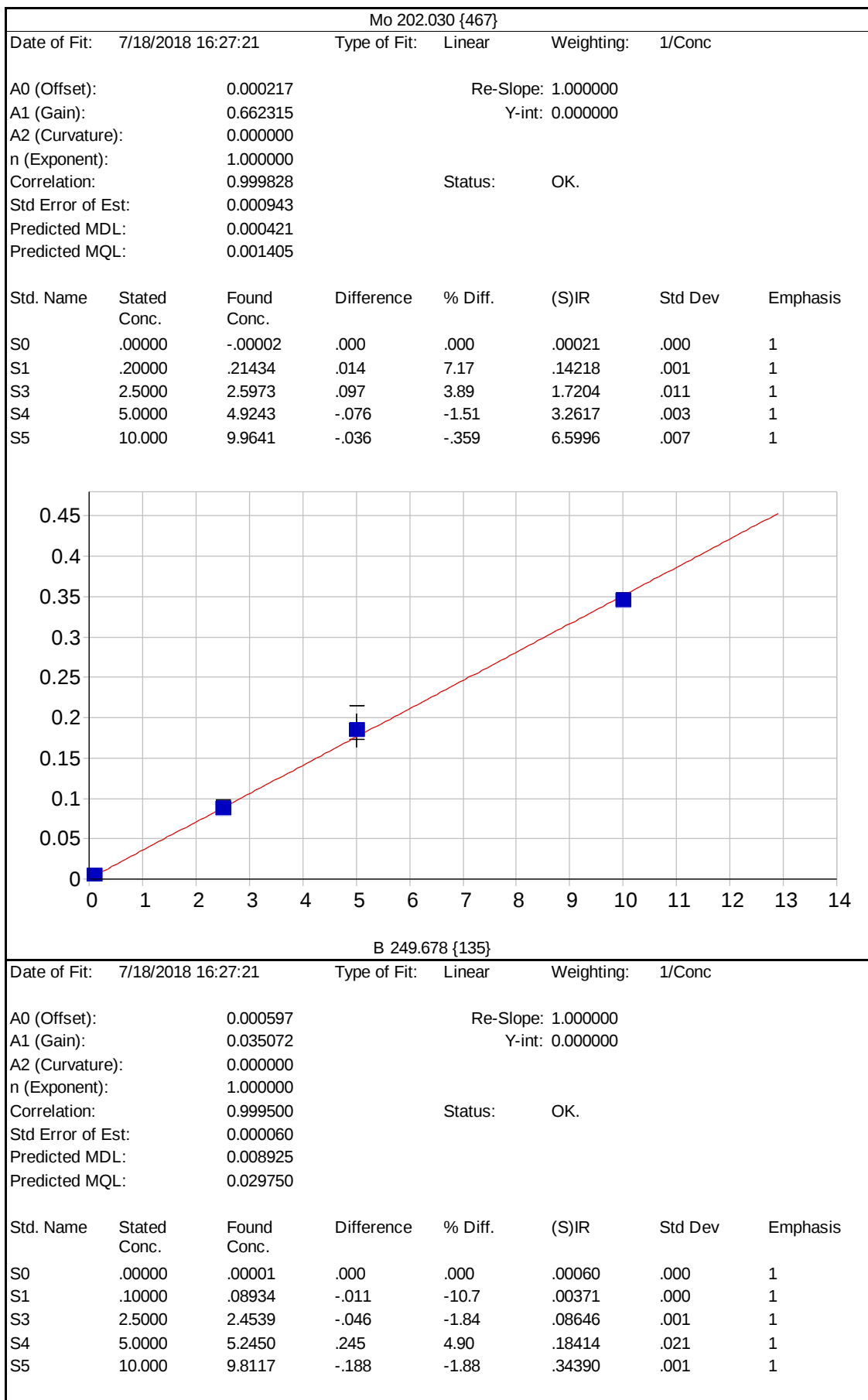
K 766.490 { 44}

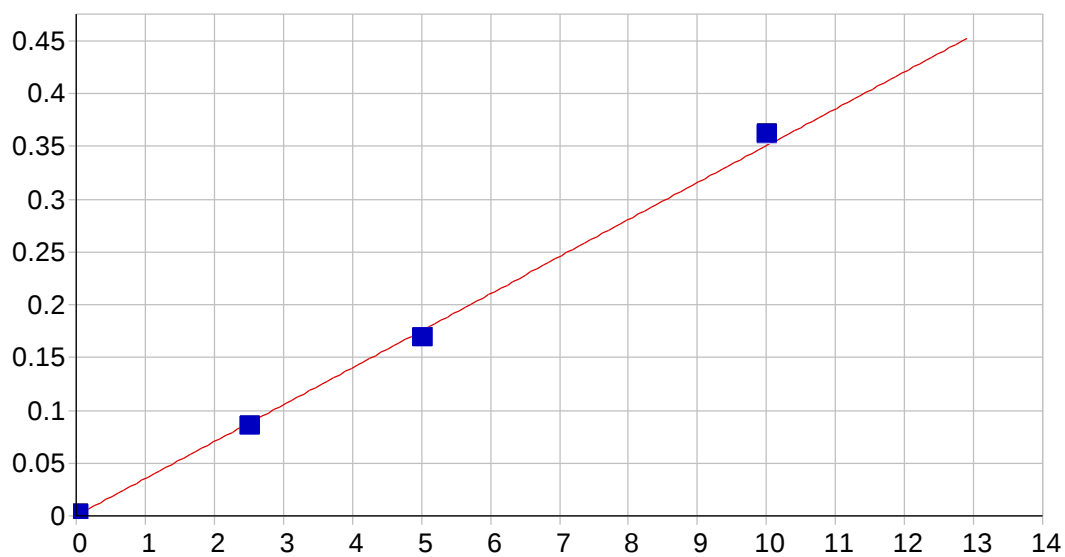
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.004873 Re-Slope: 1.000000  
 A1 (Gain): 0.072065 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999692 Status: OK.  
 Std Error of Est: 0.000976  
 Predicted MDL: 0.040024  
 Predicted MQL: 0.133412

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 1.9452      | -.055      | -2.74   | .13531  | .003    | 1        |
| S0        | .00000       | .00002      | .000       | .000    | -.00487 | .003    | 1        |
| S3        | 12.500       | 12.453      | -.047      | -.374   | .89258  | .019    | 1        |
| S4        | 25.000       | 25.976      | .976       | 3.90    | 1.8671  | .210    | 1        |
| S5        | 50.000       | 49.126      | -.874      | -1.75   | 3.5354  | .003    | 1        |





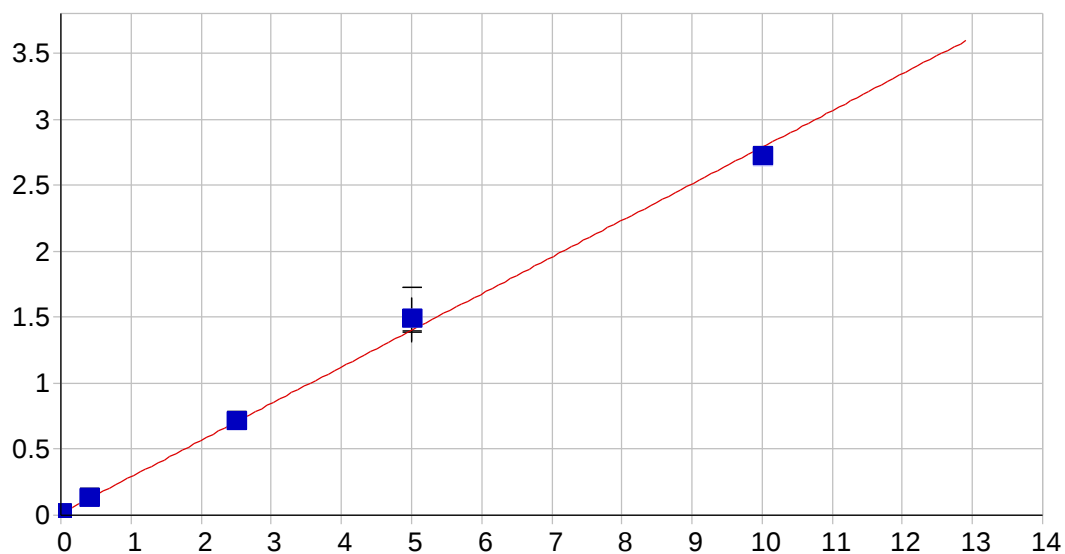


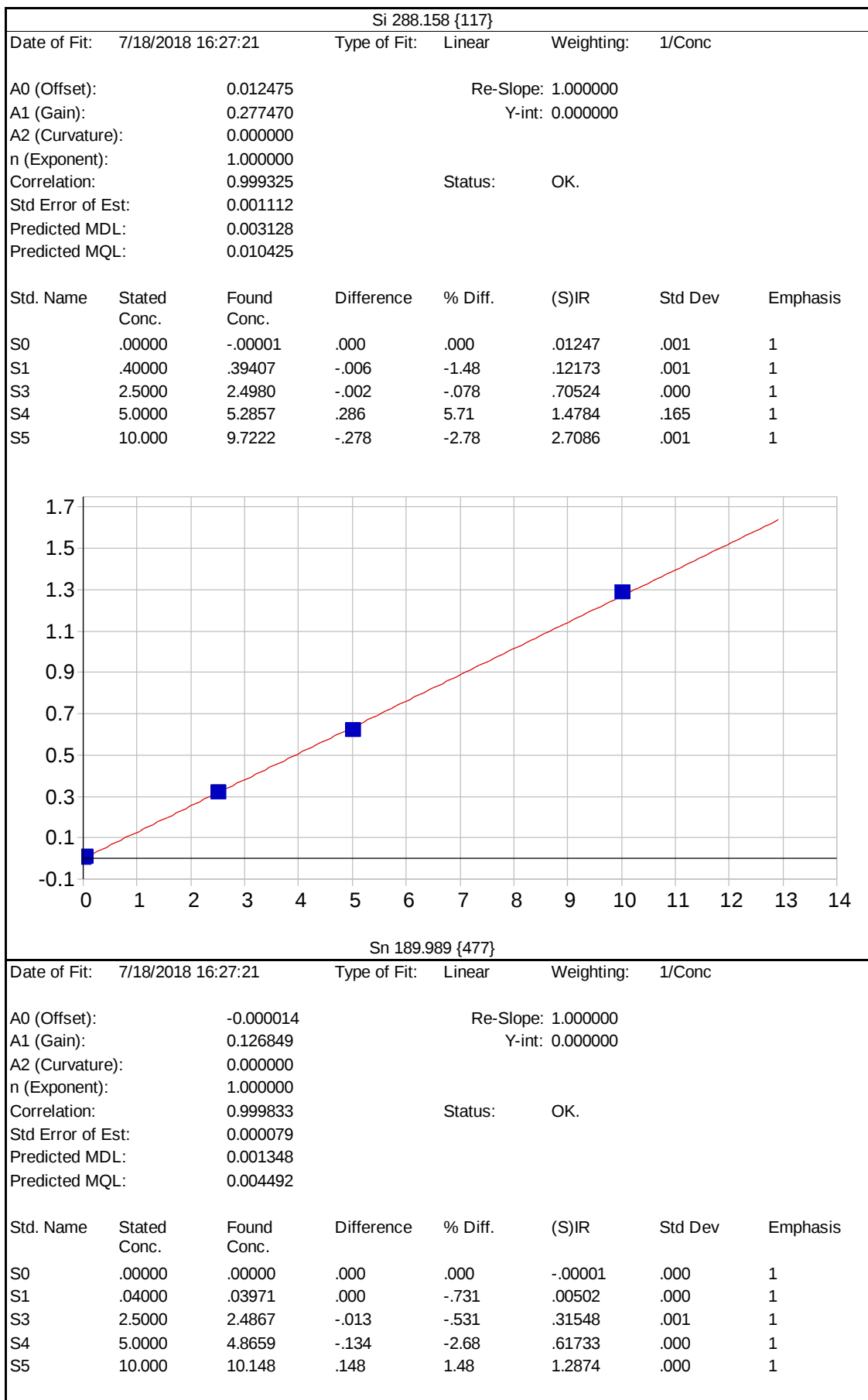
S 182.034 {485}

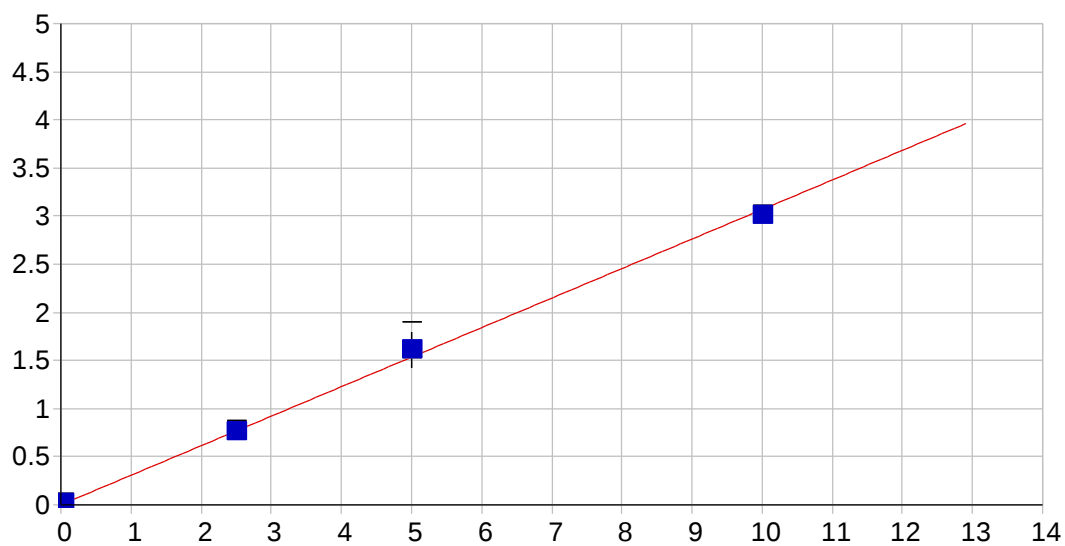
Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000184 Re-Slope: 1.000000  
 A1 (Gain): 0.035039 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999423 Status: OK.  
 Std Error of Est: 0.000029  
 Predicted MDL: 0.004878  
 Predicted MQL: 0.016259

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00018 | .000    | 1        |
| S1        | .02000       | .01614      | -.004      | -19.3   | .00073 | .000    | 1        |
| S3        | 2.5000       | 2.4071      | -.093      | -3.72   | .08443 | .000    | 1        |
| S4        | 5.0000       | 4.8058      | -.194      | -3.88   | .16838 | .000    | 1        |
| S5        | 10.000       | 10.291      | .291       | 2.91    | .36037 | .001    | 1        |





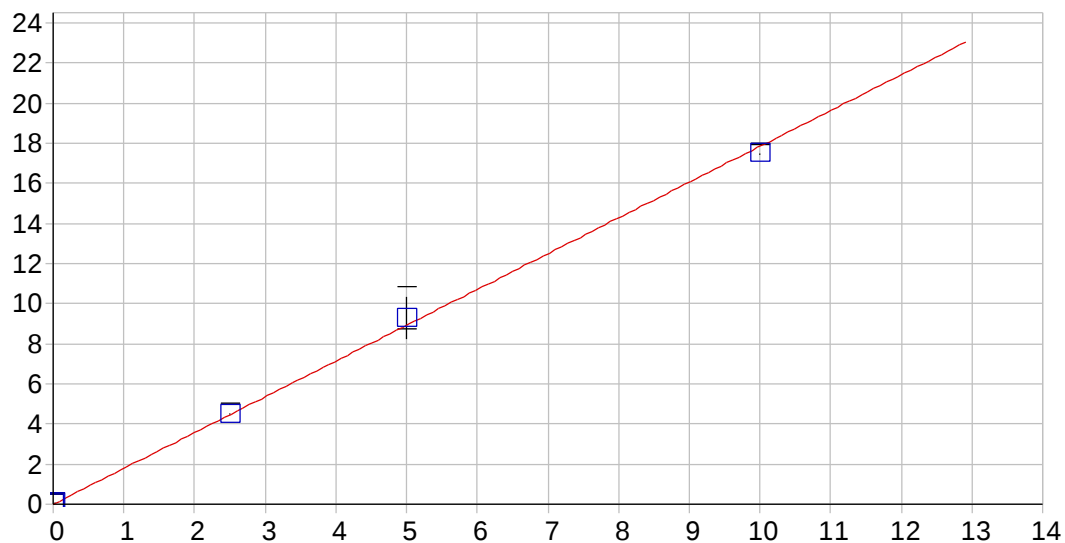


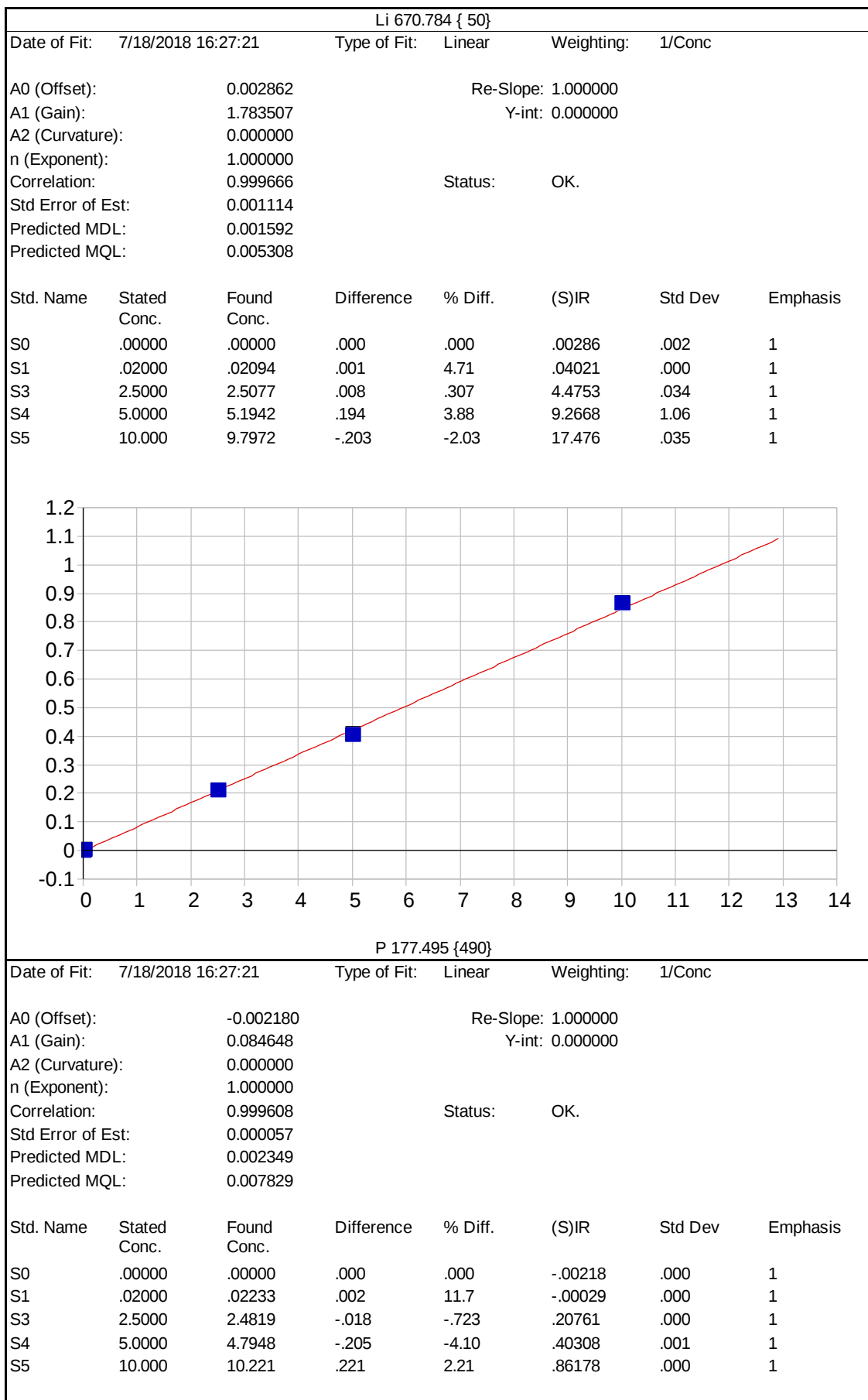
Ti 336.121 {100}

Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002934 Re-Slope: 1.000000  
 A1 (Gain): 0.306532 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999581 Status: OK.  
 Std Error of Est: 0.000303  
 Predicted MDL: 0.001994  
 Predicted MQL: 0.006647

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00293 | .000    | 1        |
| S1        | .04000       | .03961      | .000       | -.973   | .01507 | .001    | 1        |
| S3        | 2.5000       | 2.4809      | -.019      | -.764   | .76331 | .007    | 1        |
| S4        | 5.0000       | 5.2266      | .227       | 4.53    | 1.6048 | .187    | 1        |
| S5        | 10.000       | 9.7929      | -.207      | -2.07   | 3.0044 | .004    | 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 |

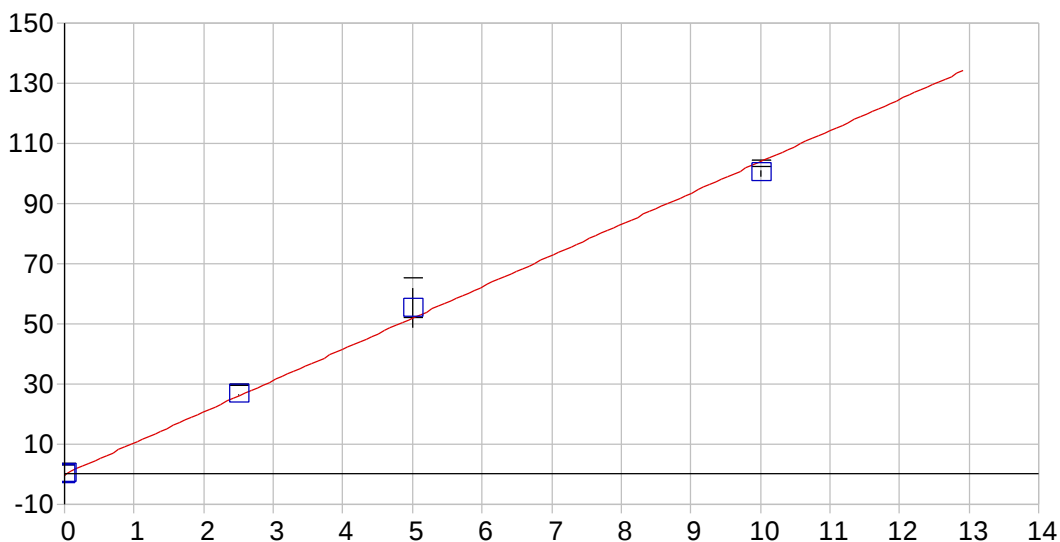


|                        |          |                     |  |                   |  |
|------------------------|----------|---------------------|--|-------------------|--|
| Date of Fit: <not fit> |          | Type of Fit: Linear |  | Weighting: 1/Conc |  |
| A0 (Offset):           | 0.000000 | Re-Slope: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

A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.000000  
 Std Error of Est: 0.000000  
 Predicted MDL: n/a  
 Predicted MQL: n/a

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 7/18/2018 16:27:21

Type of Fit: Linear

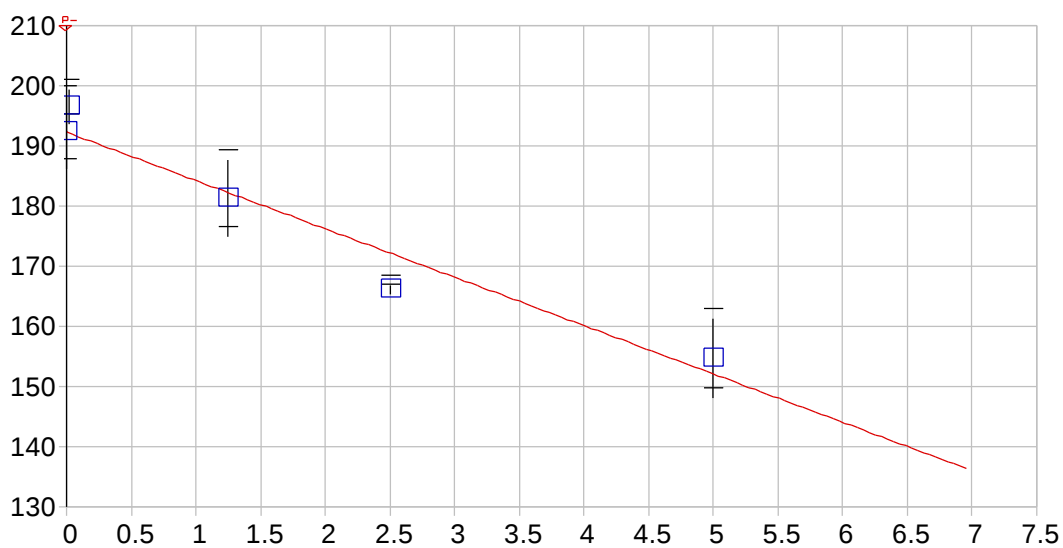
Weighting: 1/Conc

A0 (Offset): -0.004067  
 A1 (Gain): 10.385573  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999012  
 Std Error of Est: 0.011157  
 Predicted MDL: 0.000110  
 Predicted MQL: 0.000365

Re-Slope: 1.000000  
 Y-int: 0.000000

Status: OK.

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00410 | .001    | 1        |
| S1        | .02000       | .02175      | .002       | 8.76    | .22185  | .003    | 1        |
| S3        | 2.5000       | 2.5510      | .051       | 2.04    | 26.489  | .222    | 1        |
| S4        | 5.0000       | 5.3155      | .315       | 6.31    | 55.200  | 6.53    | 1        |
| S5        | 10.000       | 9.6318      | -.368      | -3.68   | 100.03  | 1.04    | 1        |

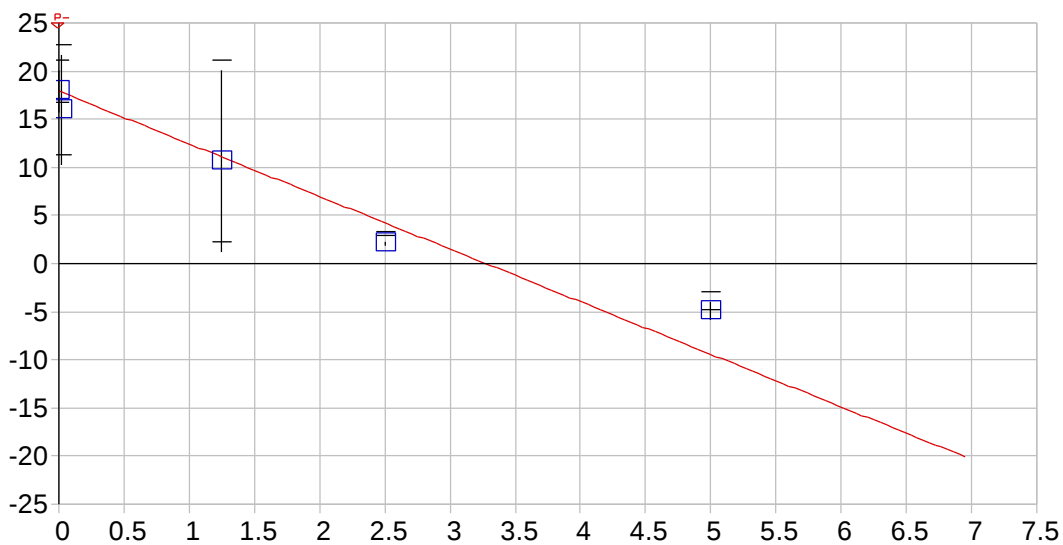


U 367.007 { 92}

Date of Fit: 7/18/2018 16:27:21 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 192.288494 Re-Slope: 1.000000  
 A1 (Gain): -8.039600 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.607229 Status: Warning Negative Gain  
 Std Error of Est: 0.179763  
 Predicted MDL: n/a  
 Predicted MQL: n/a

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00054      | .001       | .000    | 192.28 | 6.06    | 1        |
| S1        | .02000       | -.52302     | -.543      | -2720.  | 196.49 | 2.92    | 1        |
| S3        | 1.2500       | 1.3619      | .112       | 8.96    | 181.34 | 6.40    | 1        |
| S4        | 2.5000       | 3.2512      | .751       | 30.0    | 166.15 | .756    | 1        |
| S5        | 5.0000       | 4.6799      | -.320      | -6.40   | 154.66 | 6.64    | 1        |



| U 385.958 { 87}   |                    |             |                    |         |               |         |          |
|-------------------|--------------------|-------------|--------------------|---------|---------------|---------|----------|
| Date of Fit:      | 7/18/2018 16:27:21 |             | Type of Fit:       | Linear  | Weighting:    | 1/Conc  |          |
| A0 (Offset):      | 17.897675          |             | Re-Slope: 1.000000 |         |               |         |          |
| A1 (Gain):        | -5.465008          |             | Y-int: 0.000000    |         |               |         |          |
| A2 (Curvature):   | 0.000000           |             |                    |         |               |         |          |
| n (Exponent):     | 1.000000           |             |                    |         |               |         |          |
| Correlation:      | 0.771520           |             | Status:            | Warning | Negative Gain |         |          |
| Std Error of Est: | 0.077010           |             |                    |         |               |         |          |
| Predicted MDL:    | n/a                |             |                    |         |               |         |          |
| Predicted MQL:    | n/a                |             |                    |         |               |         |          |
|                   |                    |             |                    |         |               |         |          |
| Std. Name         | Stated Conc.       | Found Conc. | Difference         | % Diff. | (S)IR         | Std Dev | Emphasis |
| S0                | .00000             | -.00034     | .000               | .000    | 17.900        | 2.18    | 1        |
| S1                | .02000             | .35918      | .339               | 1700.   | 15.935        | 5.68    | 1        |
| S3                | 1.2500             | 1.3395      | .090               | 7.16    | 10.577        | 9.44    | 1        |
| S4                | 2.5000             | 2.8963      | .396               | 15.9    | 2.0692        | .247    | 1        |
| S5                | 5.0000             | 4.1750      | -.825              | -16.5   | -4.9186       | .877    | 1        |

Sample Name: S0      Acquired: 7/18/2018 12:44:21      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00007 | .00008 | .00006 | .00016 | .00045 | .00002 | .01044 | .00001 |
| Stddev | .00014 | .00006 | .00011 | .00004 | .00017 | .00004 | .00092 | .00001 |
| %RSD   | 218.43 | 75.706 | 204.67 | 26.741 | 38.451 | 197.15 | 8.8375 | 85.106 |

|    |         |        |         |        |        |         |        |        |
|----|---------|--------|---------|--------|--------|---------|--------|--------|
| #1 | -.00004 | .00012 | .00002  | .00013 | .00058 | .00005  | .00979 | .00002 |
| #2 | .00017  | .00004 | -.00014 | .00019 | .00033 | -.00001 | .01109 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00053 | .00003 | .00002 | .00071 | .00030 | .01672 | .00005 | .00006 |
| Stddev | .00049 | .00058 | .00000 | .00025 | .00025 | .01284 | .00002 | .00006 |
| %RSD   | 93.265 | 1869.7 | 18.057 | 34.688 | 83.079 | 76.832 | 30.259 | 92.368 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00018 | -.00044 | .00002 | .00053 | -.00048 | .02580 | .00007 | -.00002 |
| #2 | -.00088 | .00038  | .00003 | .00088 | -.00012 | .00763 | .00004 | -.00010 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00043 | .00010 | .05055 | .00014  | .04443 | .00487  | .00021 | .00060  |
| Stddev | .00013 | .00004 | .00455 | .00005  | .00357 | .00343  | .00008 | .00017  |
| %RSD   | 30.678 | 33.598 | 8.9951 | 38.428  | 8.0331 | 70.370  | 38.561 | 28.272  |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00052 | -.00008 | .05376 | -.00010 | .04695 | -.00245 | .00026 | .00048 |
| #2 | -.00033 | -.00013 | .04733 | -.00017 | .04190 | -.00729 | .00015 | .00072 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| 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    | .00018  | .01247 | .00001 | .00293 | .00286 | .0022   | .00410 | .192.28 |
| Stddev | .00006  | .00113 | .00001 | .00004 | .00223 | .0000   | .00117 | 6.06    |
| %RSD   | 35.340  | 9.0520 | 100.19 | 1.3175 | 77.997 | .2230   | 28.564 | 3.1518  |

|    |        |        |         |        |        |        |         |        |
|----|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00014 | .01168 | .00000  | .00296 | .00444 | -.0022 | -.00327 | 188.00 |
| #2 | .00023 | .01327 | -.00002 | .00291 | .00128 | -.0022 | -.00492 | 196.57 |

Sample Name: S0      Acquired: 7/18/2018 12:44:21      Type: Cal  
 Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 17.900  |
| Stddev | 2.176   |
| %RSD   | 12.158  |

|    |        |
|----|--------|
| #1 | 16.361 |
| #2 | 19.438 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2256.3  | 51754.  | 4767.1  | 79.364 | 2734.1 |
| Stddev    | 8.8     | 271.    | 4.7     | .598   | 13.0   |
| %RSD      | .39020  | .52284  | .09938  | .75328 | .47465 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2250.1 | 51562. | 4763.7 | 78.941 | 2724.9 |
| #2 | 2262.6 | 51945. | 4770.4 | 79.786 | 2743.2 |

Sample Name: S1      Acquired: 7/18/2018 12:48:28      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00117 | .00523 | .00286 | .00155 | .00862 | .00082 | .50633 | .00430 | .01874 |
| Stddev | .00000 | .00004 | .00005 | .00016 | .00014 | .00008 | .00395 | .00008 | .00013 |
| %RSD   | .05902 | .86005 | 1.6438 | 10.137 | 1.5801 | 9.8253 | .77931 | 1.9488 | .71332 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00117 | .00520 | .00289 | .00144 | .00872 | .00076 | .50354 | .00424 | .01864 |
| #2 | .00117 | .00526 | .00282 | .00166 | .00853 | .00087 | .50912 | .00436 | .01883 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Ni2316 | Ag3280 | V_ 2924 | Zn2138 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .00132 | .03482 | .01539 | .17271 | .02108 | .02351 | .00153 | .00538  | 3.4133 |
| Stddev | .00008 | .00056 | .00027 | .00530 | .00004 | .00016 | .00002 | .00011  | .0495  |
| %RSD   | 6.3347 | 1.6206 | 1.7776 | 3.0693 | .16999 | .66030 | 1.2102 | 1.9983  | 1.4499 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00126 | .03522 | .01519 | .16896 | .02106 | .02362 | .00154 | .00530 | 3.4483 |
| #2 | .00138 | .03442 | .01558 | .17645 | .02111 | .02340 | .00152 | .00545 | 3.3783 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| Elem   | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .14218 | .00371  | .00073  | .12173 | .00502 | .01507 | .04021 | .0003   | .22185 |
| Stddev | .00107 | .00013  | .00004  | .00082 | .00004 | .00062 | .00001 | .0001   | .00262 |
| %RSD   | .75600 | 3.4452  | 5.7440  | .67379 | .80388 | 4.0817 | .01991 | 41.37   | 1.1826 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .14142 | .00362 | .00070 | .12115 | .00505 | .01463 | .04022 | -.0004 | .21999 |
| #2 | .14294 | .00381 | .00076 | .12231 | .00499 | .01550 | .04021 | -.0002 | .22370 |

|        |         |         |
|--------|---------|---------|
| Elem   | U_ 3670 | U_ 3859 |
| Units  | Cts/S   | Cts/S   |
| Avg    | 196.49  | 15.935  |
| Stddev | 2.92    | 5.676   |
| %RSD   | 1.4881  | 35.619  |

|    |        |        |
|----|--------|--------|
| #1 | 198.56 | 11.921 |
| #2 | 194.43 | 19.948 |

Sample Name: S1      Acquired: 7/18/2018 12:48:28      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2245.5  | 51599.  | 4832.1  | 30.280 | 2693.0 |
| Stddev    | 10.7    | 152.    | 11.0    | 1.295  | 9.0    |
| %RSD      | .47796  | .29457  | .22822  | 1.6135 | .33457 |
| #1        | 2253.1  | 51491.  | 4839.9  | 79.364 | 2699.4 |
| #2        | 2237.9  | 51706.  | 4824.3  | 81.195 | 2686.6 |

Sample Name: S2      Acquired: 7/18/2018 12:53:37      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .09717 | .01959 | .52407 | .13531  |
| Stddev | .00161 | .00016 | .00613 | .00267  |
| %RSD   | 1.6606 | .83150 | 1.1699 | 1.9720  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .09603 | .01947 | .51974 | .13342 |
| #2 | .09831 | .01970 | .52841 | .13720 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 4839.5  |
| Stddev    | 8.5     |
| %RSD      | .17603  |

|    |        |
|----|--------|
| #1 | 4845.6 |
| #2 | 4833.5 |

Sample Name: S3      Acquired: 7/18/2018 12:57:46      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934  | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  |
| Avg    | .12688 | .31693 | .58146 | .17195 | .39946 | .03931 | .23.809 | .08259 | 3.8457 |
| Stddev | .00032 | .00009 | .00203 | .00026 | .00025 | .00061 | .147    | .00000 | .0146  |
| %RSD   | .25469 | .02753 | .34914 | .15342 | .06233 | 1.5434 | .61641  | .00264 | .38068 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12665 | .31699 | .58003 | .17177 | .39928 | .03888 | 23.706 | .08259 | 3.8353 |
| #2 | .12711 | .31687 | .58290 | .17214 | .39963 | .03974 | 23.913 | .08259 | 3.8560 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .59259 | .05875 | 1.4202 | .44639 | 3.7866 | 1.2151 | .12468 | .74032 | .08959 |
| Stddev | .01155 | .00010 | .0007  | .00105 | .0692  | .0029  | .00159 | .00089 | .00018 |
| %RSD   | 1.9495 | .17815 | .04800 | .23516 | 1.8280 | .23805 | 1.2728 | .12047 | .20000 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .58442 | .05868 | 1.4197 | .44565 | 3.7377 | 1.2131 | .12356 | .74096 | .08946 |
| #2 | .60076 | .05882 | 1.4207 | .44713 | 3.8355 | 1.2172 | .12580 | .73969 | .08972 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 3.0009 | .16542  | 99.596 | .89258  | 1.7204 | .08646  | .08443  | .70524 | .31548 |
| Stddev | .0269  | .00076  | .118   | .01850  | .0106  | .00140  | .00028  | .00005 | .00089 |
| %RSD   | .89689 | .45897  | .11824 | 2.0727  | .61573 | 1.6251  | .32677  | .00751 | .28079 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9818 | .16488 | 99.512 | .87950 | 1.7129 | .08546 | .08462 | .70520 | .31485 |
| #2 | 3.0199 | .16595 | 99.679 | .90566 | 1.7279 | .08745 | .08423 | .70527 | .31611 |

|        |        |        |         |        |         |         |
|--------|--------|--------|---------|--------|---------|---------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |
| Avg    | .76331 | 4.4753 | .2076   | 26.489 | 181.34  | 10.577  |
| Stddev | .00728 | .0338  | .0001   | .222   | 6.40    | 9.444   |
| %RSD   | .95327 | .75589 | .0568   | .83969 | 3.5280  | 89.287  |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .75816 | 4.4514 | .2077 | 26.332 | 176.82 | 17.255 |
| #2 | .76845 | 4.4992 | .2075 | 26.647 | 185.86 | 3.8992 |

Sample Name: S3      Acquired: 7/18/2018 12:57:46      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2226.8  | 50308.  | 4822.7  | 79.218 | 2522.6 |
| Stddev    | 7.8     | 103.    | 6.9     | .115   | 2.7    |
| %RSD      | .35220  | .20525  | .14362  | .14577 | .10770 |
| #1        | 2232.3  | 50235.  | 4817.8  | 79.137 | 2524.5 |
| #2        | 2221.2  | 50381.  | 4827.6  | 79.300 | 2520.7 |

Sample Name: S4      Acquired: 7/18/2018 13:01:48      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 | Cd2265 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .23926 | .60071 | 1.1105 | .32405 | .75104 | .07626 | 49.650 | .15651 | 7.4106 |
| Stddev | .00015 | .00171 | .0011  | .00015 | .00084 | .00024 | 5.787  | .00023 | .0040  |
| %RSD   | .06087 | .28413 | .09877 | .04508 | .11128 | .31637 | 11.655 | .14548 | .05433 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23915 | .60192 | 1.1097 | .32415 | .75163 | .07643 | 53.742 | .15635 | 7.4134 |
| #2 | .23936 | .59951 | 1.1113 | .32395 | .75045 | .07609 | 45.558 | .15667 | 7.4078 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.2234 | .10864 | 2.7036 | .83387 | 3.0276 | 2.2803 | .25539 | 1.4067 | .16763 |
| Stddev | .1477  | .00028 | .0033  | .00115 | .8827  | .0071  | .02810 | .0011  | .00054 |
| %RSD   | 12.072 | .25645 | .12162 | .13823 | 10.995 | .31297 | 11.004 | .08083 | .32131 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3278 | .10844 | 2.7012 | .83468 | 8.6517 | 2.2752 | .27526 | 1.4075 | .16725 |
| #2 | 1.1190 | .10883 | 2.7059 | .83305 | 7.4034 | 2.2853 | .23552 | 1.4059 | .16801 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| Elem   | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 | S_ 1820 | Si2881 | Sn1899 |
| Units  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg    | 3.1939 | .31269  | 207.46 | 1.8671  | 3.2617 | .18414  | .16838  | 1.4784 | .61733 |
| Stddev | .6992  | .00105  | 23.83  | .2097   | .0034  | .02106  | .00049  | .1652  | .00014 |
| %RSD   | 11.289 | .33738  | 11.487 | 11.229  | .10577 | 11.434  | .29354  | 11.172 | .02333 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.6883 | .31194 | 224.31 | 2.0153 | 3.2641 | .19903 | .16873 | 1.5952 | .61743 |
| #2 | 5.6995 | .31343 | 190.61 | 1.7189 | 3.2592 | .16925 | .16803 | 1.3616 | .61723 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | 1.6048 | 3.2668 | .4031   | 55.200 | 166.15  | 2.0692  |  |  |  |
| Stddev | .1872  | 1.0625 | .0010   | 6.529  | .76     | .2474   |  |  |  |
| %RSD   | 11.664 | 11.465 | .2547   | 11.828 | .45525  | 11.955  |  |  |  |

|    |        |        |       |        |        |        |  |  |  |
|----|--------|--------|-------|--------|--------|--------|--|--|--|
| #1 | 1.7372 | 10.018 | .4038 | 59.817 | 165.62 | 1.8943 |  |  |  |
| #2 | 1.4725 | 8.5155 | .4024 | 50.584 | 166.69 | 2.2442 |  |  |  |

Sample Name: S4      Acquired: 7/18/2018 13:01:48      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2268.3  | 50934.  | 4571.5  | 73.016 | 2498.3 |
| Stddev    | 9.7     | 28.     | 532.6   | 8.656  | 8.5    |
| %RSD      | .42934  | .05580  | 11.650  | 11.855 | .34022 |
| #1        | 2261.5  | 50954.  | 4194.9  | 66.895 | 2492.3 |
| #2        | 2275.2  | 50914.  | 4948.1  | 79.137 | 2504.4 |

Sample Name: S5      Acquired: 7/18/2018 13:05:47      Type: Cal

Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000

User: JASWAL/BINHE      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    | .49130 | 1.2325 | 2.2974 | .66283 | 1.5410 | .15489 | 11.375 | .31924 |
| Stddev | .00057 | .0013  | .0022  | .00204 | .0009  | .00106 | 1.279  | .00154 |
| %RSD   | .11582 | .10274 | .09373 | .30743 | .05671 | .68533 | 1.3992 | .48349 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49171 | 1.2334 | 2.2958 | .66427 | 1.5403 | .15414 | 90.471 | .31815 |
| #2 | .49090 | 1.2316 | 2.2989 | .66138 | 1.5416 | .15564 | 92.279 | .32033 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 15.444 | 2.2756 | .22166 | 5.6496 | 1.6752 | 14.934 | 4.5542 | .48441 |
| Stddev | .006   | .0096  | .00152 | .0020  | .0043  | .638   | .0193  | .00030 |
| %RSD   | .03747 | .42199 | .68744 | .03521 | .25810 | 4.2688 | .42400 | .06295 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 15.439 | 2.2688 | .22058 | 5.6482 | 1.6782 | 14.483 | 4.5406 | .48419 |
| #2 | 15.448 | 2.2824 | .22273 | 5.6510 | 1.6721 | 15.385 | 4.5679 | .48463 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | 2.9286 | .34571 | 11.756 | .63625  | 388.88 | 3.5354  | 3.5996 | .34390  |
| Stddev | .0010  | .00212 | .002   | .00245  | 15.82  | .0034   | .0075  | .00061  |
| %RSD   | .03434 | .61346 | .01858 | .38489  | 4.0687 | .09661  | .11314 | .17746  |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.9279 | .34421 | 11.755 | .63452 | 377.69 | 3.5378 | 6.5943 | .34346 |
| #2 | 2.9293 | .34721 | 11.758 | .63798 | 400.06 | 3.5330 | 6.6049 | .34433 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| 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    | .36037  | 2.7086 | 1.2874 | 3.0044 | 17.476 | .8618   | 100.03 | 154.66  |
| Stddev | .00073  | .0009  | .0001  | .0038  | .035   | .0001   | 1.04   | 6.64    |
| %RSD   | .20248  | .03248 | .00351 | .12747 | .19825 | .0100   | 1.0349 | 4.2907  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | .36089 | 2.7080 | 1.2874 | 3.0017 | 17.452 | .8617 | 99.295 | 159.36 |
| #2 | .35986 | 2.7092 | 1.2875 | 3.0071 | 17.501 | .8618 | 100.76 | 149.97 |

Sample Name: S5      Acquired: 7/18/2018 13:05:47      Type: Cal  
Method: P4-ICP2(v2309)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | -4.9186 |
| Stddev | .8773   |
| %RSD   | 17.836  |

|    |         |
|----|---------|
| #1 | -5.5389 |
| #2 | -4.2983 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2157.6  | 49061.  | 4780.5  | 74.705 | 2285.6 |
| Stddev    | 3.1     | 8.      | 10.9    | 2.883  | 4.1    |
| %RSD      | .14470  | .01673  | .22761  | 3.8592 | .18029 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2155.4 | 49067. | 4772.8 | 76.744 | 2282.6 |
| #2 | 2159.8 | 49056. | 4788.2 | 72.666 | 2288.5 |

Sample Name: ICV01      Acquired: 7/18/2018 13:10:33      Type: Unk

Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0083 | 1.0311 | .98463 | 1.0120 | .99957 | 2.4948 | .49983 |
| Stddev | .0019  | .0007  | .00185 | .0040  | .00118 | .0064  | .00033 |
| %RSD   | .19334 | .06945 | .18817 | .39339 | .11774 | .25551 | .06672 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0070 | 1.0316 | .98332 | 1.0091 | .99874 | 2.4903 | .49960 |
| #2 | 1.0097 | 1.0306 | .98594 | 1.0148 | 1.0004 | 2.4993 | .50007 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48374 | .48159 | 10.036 | .51075 | .48941 | .50336 | 4.9460 |
| Stddev | .00222 | .00054 | .085   | .00375 | .00133 | .00358 | .1411  |
| %RSD   | .45870 | .11191 | .84310 | .73327 | .27244 | .71043 | 2.8532 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48217 | .48121 | 9.9757 | .50811 | .48846 | .50083 | 4.8463 |
| #2 | .48531 | .48197 | 10.095 | .51340 | .49035 | .50589 | 5.0458 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51492 | 5.9312 | .49563 | .50652 | 9.7405 | .50340 | 1.0014 |
| Stddev | .00081 | .0554  | .00270 | .00117 | .0422  | .00172 | .0194  |
| %RSD   | .15691 | .93378 | .54479 | .23093 | .43310 | .34267 | 1.9395 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51435 | 5.8921 | .49372 | .50569 | 9.7107 | .50218 | .98769 |
| #2 | .51550 | 5.9704 | .49754 | .50734 | 9.7703 | .50462 | 1.0152 |

|        |        |        |        |          |          |        |        |
|--------|--------|--------|--------|----------|----------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881   | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      | ppm    | ppm    |
| Avg    | 9.7227 | 2.5441 | 2.4420 | F 2.3074 | F 2.3248 | 2.3973 | 2.4688 |
| Stddev | .0295  | .0020  | .0081  | .0016    | .0098    | .0019  | .0094  |
| %RSD   | .30312 | .07992 | .33153 | .07033   | .42216   | .07801 | .38091 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.7019 | 2.5427 | 2.4363 | 2.3063 | 2.3179 | 2.3960 | 2.4621 |
| #2 | 9.7436 | 2.5456 | 2.4478 | 2.3086 | 2.3318 | 2.3987 | 2.4754 |

Sample Name: ICV01      Acquired: 7/18/2018 13:10:33      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |        |         |         |          |
|--------|---------|--------|---------|---------|----------|
| Elem   | Li6707  | P_1774 | Sr4077  | U_3670  | U_3859   |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm      |
| Avg    | F.00038 | F.0048 | F.01188 | F<00000 | F.2.0159 |
| Stddev | .00096  | .0003  | .00011  | .00049  | .9526    |
| %RSD   | 252.92  | 5.992  | .90664  | .03164  | 47.253   |

|    |         |       |        |         |        |
|----|---------|-------|--------|---------|--------|
| #1 | -.00030 | .0050 | .01180 | -1.5399 | 2.6894 |
| #2 | .00106  | .0046 | .01195 | -1.5392 | 1.3423 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2264.6  | 51647.  | 4929.9  | 78.582 | 2628.3 |
| Stddev    | 2.8     | 58.     | 20.3    | 1.315  | 5.2    |
| %RSD      | .12170  | .11267  | .41249  | 1.6730 | .19628 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2262.6 | 51606. | 4915.5 | 79.511 | 2624.6 |
| #2 | 2266.5 | 51688. | 4944.3 | 77.652 | 2631.9 |

Sample Name: LLICV01      Acquired: 7/18/2018 13:20:08      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .01867 | .04118 | .01372 | .02262 | .05295 | .10250 | .10495 | .00654 |
| Stddev | .00366 | .00060 | .00044 | .00052 | .00264 | .00042 | .00155 | .00004 |
| %RSD   | 19.582 | 1.4450 | 3.1789 | 2.2995 | 4.9935 | .40755 | 1.4747 | .65280 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02126 | .04076 | .01341 | .02299 | .05482 | .10221 | .10385 | .00651 |
| #2 | .01609 | .04160 | .01403 | .02225 | .05108 | .10280 | .10604 | .00657 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00627 | 2.0866 | .01117 | .03028 | .01980 | .10077 | .02256 | 2.1045 |
| Stddev | .00004 | .0459  | .00145 | .00022 | .00033 | .00954 | .00019 | .0517  |
| %RSD   | .70266 | 2.1997 | 12.943 | .73887 | 1.6769 | 9.4640 | .82614 | 2.4583 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00624 | 2.0542 | .01015 | .03044 | .02004 | .10751 | .02270 | 2.0679 |
| #2 | .00630 | 2.1191 | .01220 | .03012 | .01957 | .09402 | .02243 | 2.1410 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04045 | .01177 | 2.0736 | .04312 | .04238 | 2.0176 | .20898 | .09653 |
| Stddev | .00000 | .00022 | .0089  | .00039 | .00081 | .0333  | .00062 | .00245 |
| %RSD   | .01047 | 1.8656 | .43038 | .90221 | 1.9051 | 1.6514 | .29646 | 2.5334 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04045 | .01161 | 2.0673 | .04285 | .04295 | 2.0411 | .20942 | .09480 |
| #2 | .04044 | .01192 | 2.0799 | .04340 | .04181 | 1.9940 | .20854 | .09826 |

|        |          |        |        |        |        |        |        |          |
|--------|----------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | F .01332 | .38590 | .03730 | .04105 | .02108 | .0214  | .02173 | F .08268 |
| Stddev | .00513   | .00145 | .00030 | .00031 | .00119 | .0010  | .00017 | .19900   |
| %RSD   | 38.508   | .37620 | .80209 | .75524 | 5.6608 | 4.505  | .76186 | 240.70   |

|    |        |        |        |        |        |       |        |         |
|----|--------|--------|--------|--------|--------|-------|--------|---------|
| #1 | .01694 | .38693 | .03751 | .04083 | .02192 | .0221 | .02161 | .22339  |
| #2 | .00969 | .38488 | .03708 | .04126 | .02023 | .0207 | .02185 | -.05804 |

Sample Name: LLICV01      Acquired: 7/18/2018 13:20:08      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F.35561 |
| Stddev | .74740  |
| %RSD   | 210.17  |

|    |         |
|----|---------|
| #1 | -.17288 |
| #2 | .88411  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2291.9  | 51971.  | 4897.3  | 31.827 | 2741.2 |
| Stddev    | 18.1    | 92.     | 5.6     | 1.768  | 13.2   |
| %RSD      | .78778  | .17768  | .11341  | 2.1604 | .48191 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2279.1 | 51906. | 4901.2 | 80.577 | 2731.9 |
| #2 | 2304.6 | 52036. | 4893.4 | 83.077 | 2750.6 |

Sample Name: ICB01      Acquired: 7/18/2018 13:24:24      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00089 | .00209 | .00056 | .00197 | .00123 | .00771 | .00051 | .00012 |
| Stddev | .00273 | .00126 | .00132 | .00084 | .00054 | .00946 | .00010 | .00002 |
| %RSD   | 306.95 | 60.043 | 235.94 | 42.398 | 43.715 | 122.63 | 20.705 | 20.001 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00282 | -.00298 | .00150  | -.00257 | .00161 | -.00102 | -.00058 | .00013 |
| #2 | .00104  | -.00121 | -.00037 | -.00138 | .00085 | -.01440 | -.00043 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .01401 | .00072 | .00025 | .00018 | .00755 | .00002 | .00300 |
| Stddev | .00010 | .00508 | .00029 | .00000 | .00018 | .00978 | .00001 | .00231 |
| %RSD   | 137.26 | 36.268 | 40.280 | .71352 | 101.22 | 129.54 | 74.757 | 76.839 |

|    |        |        |         |        |        |         |         |         |
|----|--------|--------|---------|--------|--------|---------|---------|---------|
| #1 | .00000 | .01042 | -.00092 | .00025 | .00030 | -.00063 | -.00002 | -.00463 |
| #2 | .00014 | .01761 | -.00051 | .00025 | .00005 | -.01447 | -.00001 | -.00137 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00047 | .05349 | .00031 | .00015 | .04293 | .00022 | .00712 |
| Stddev | .00075 | .00011 | .00377 | .00034 | .00003 | .01873 | .00031 | .00026 |
| %RSD   | 661.31 | 23.962 | 7.0543 | 108.72 | 16.305 | 43.640 | 141.99 | 3.6781 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | -.00064 | .00055 | -.05616 | -.00007 | .00017 | -.05617 | .00000 | -.00731 |
| #2 | .00042  | .00039 | -.05083 | -.00056 | .00014 | -.02968 | .00043 | -.00694 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00442 | .00035 | .00064 | .00122 | .00045 | .0027  | .00006 | F.02183 |
| Stddev | .00043 | .00006 | .00099 | .00074 | .00014 | .0011  | .00013 | .60155  |
| %RSD   | 9.7392 | 16.518 | 155.40 | 61.004 | 31.493 | 41.30  | 215.62 | 2755.4  |

|    |         |        |         |        |         |       |         |         |
|----|---------|--------|---------|--------|---------|-------|---------|---------|
| #1 | -.00472 | .00031 | .00134  | .00069 | -.00055 | .0035 | .00003  | .44719  |
| #2 | -.00412 | .00040 | -.00006 | .00174 | -.00035 | .0019 | -.00015 | -.40353 |

Sample Name: ICB01      Acquired: 7/18/2018 13:24:24      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F.92014  
Stddev      1.3388  
%RSD      145.50

#1      -.02655  
#2      1.8668

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2298.2  | 52435.  | 4861.2  | 79.850 | 2772.9 |
| Stddev    | 3.9     | 198.    | 16.8    | .013   | 10.6   |
| %RSD      | .17140  | .37833  | .34501  | .01610 | .38312 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2295.4 | 52295. | 4849.3 | 79.841 | 2765.4 |
| #2 | 2301.0 | 52575. | 4873.0 | 79.859 | 2780.4 |

Sample Name: CRI01      Acquired: 7/18/2018 13:28:39      Type: Unk

Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01898 | .04243 | .01307 | .02186 | .05095 | .11833 | .10663 |
| Stddev | .00091 | .00090 | .00014 | .00089 | .00068 | .00416 | .00030 |
| %RSD   | 4.8137 | 2.1109 | 1.0379 | 4.0598 | 1.3288 | 3.5127 | .28071 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01833 | .04306 | .01317 | .02123 | .05143 | .11539 | .10642 |
| #2 | .01962 | .04179 | .01298 | .02248 | .05047 | .12127 | .10684 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00667 | .00633 | 2.1476 | .01136 | .03090 | .01979 | .10809 |
| Stddev | .00010 | .00005 | .0217  | .00013 | .00017 | .00047 | .01851 |
| %RSD   | 1.4970 | .84801 | 1.0095 | 1.1238 | .55781 | 2.3691 | 17.125 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00674 | .00629 | 2.1323 | .01145 | .03102 | .01945 | .09500 |
| #2 | .00660 | .00636 | 2.1629 | .01127 | .03078 | .02012 | .12117 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02315 | 2.0749 | .04150 | .01215 | 2.0755 | .04329 | .04325 |
| Stddev | .00029 | .0114  | .00039 | .00011 | .0013  | .00056 | .00043 |
| %RSD   | 1.2735 | .54800 | .94293 | .89112 | .06255 | 1.2922 | 1.0021 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02336 | 2.0829 | .04122 | .01223 | 2.0745 | .04290 | .04356 |
| #2 | .02294 | 2.0668 | .04177 | .01207 | 2.0764 | .04369 | .04294 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0716 | .21362 | .09636 | .01734 | .39830 | .03835 | .04252 |
| Stddev | .0444  | .00026 | .00300 | .00065 | .00099 | .00102 | .00010 |
| %RSD   | 2.1418 | .12150 | 3.1124 | 3.7247 | .24864 | 2.6545 | .23035 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0403 | .21381 | .09424 | .01688 | .39900 | .03907 | .04246 |
| #2 | 2.1030 | .21344 | .09848 | .01780 | .39760 | .03763 | .04259 |

Sample Name: CRI01      Acquired: 7/18/2018 13:28:39      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .02260 | .0252  | .02217 | F<00000 | F.36130 |
| Stddev | .00049 | .0006  | .00009 | .80878  | .84898  |
| %RSD   | 2.1854 | 2.378  | .40405 | 167.77  | 234.98  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .02294 | .0248 | .02211 | -1.0540 | -.23902 |
| #2 | .02225 | .0256 | .02223 | .08983  | .96162  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2326.2  | 53017.  | 4944.3  | 31.973 | 2785.8 |
| Stddev    | .2      | 20.     | 14.3    | .444   | .3     |
| %RSD      | .01048  | .03849  | .28883  | .54109 | .01046 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2326.3 | 53002. | 4934.2 | 81.659 | 2785.6 |
| #2 | 2326.0 | 53031. | 4954.4 | 82.286 | 2786.0 |

Sample Name: IC5A01      Acquired: 7/18/2018 13:32:54      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00619 | .00157 | .00018 | .01218 | .00053 | 271.51 | .00521 |
| Stddev | .00474 | .00578 | .00002 | .00486 | .00167 | 1.25   | .00005 |
| %RSD   | 76.601 | 368.10 | 13.213 | 39.878 | 315.90 | .46105 | 1.0444 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00954 | .00252  | .00017 | .00874 | -.00065 | 270.62 | .00524 |
| #2 | .00284 | -.00566 | .00020 | .01561 | .00171  | 272.40 | .00517 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | .00231 | 239.54 | .06097 | .00011 | .01012 | 96.256 |
| Stddev | .00004 | .00001 | 1.77   | .00002 | .00013 | .00074 | .571   |
| %RSD   | 15.962 | .38565 | .73882 | .03478 | 116.08 | 7.2940 | .59296 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00028 | .00232 | 238.28 | .06095 | -.00020 | .01064 | 96.660 |
| #2 | .00023 | .00231 | 240.79 | .06098 | -.00002 | .00960 | 95.853 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01556 | 257.43 | .00433 | .00543 | .00592 | .00177 | .00243 |
| Stddev | .00017 | 2.45   | .00088 | .00002 | .00869 | .00109 | .00007 |
| %RSD   | 1.1162 | .95261 | 20.283 | .33325 | 146.82 | 61.768 | 2.8681 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .01543 | 255.69 | .00371 | -.00544 | -.00023 | .00254 | .00238 |
| #2 | .01568 | 259.16 | .00495 | -.00541 | .01207  | .00099 | .00248 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01901 | .00023 | .02923 | .01005 | .00673 | .00083 | .00326 |
| Stddev | .00311 | .00032 | .00465 | .00309 | .00084 | .00028 | .00047 |
| %RSD   | 16.335 | 142.31 | 15.900 | 30.762 | 12.518 | 33.095 | 14.325 |

|    |         |         |        |        |         |         |         |
|----|---------|---------|--------|--------|---------|---------|---------|
| #1 | -.02121 | .00000  | .03252 | .01223 | -.00614 | -.00064 | -.00293 |
| #2 | -.01682 | -.00046 | .02595 | .00786 | -.00733 | -.00103 | -.00359 |

Sample Name: IC5A01      Acquired: 7/18/2018 13:32:54      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |         |          |          |
|--------|--------|--------|---------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077  | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm     | ppm      | ppm      |
| Avg    | .00451 | .0060  | F.10116 | F<.00000 | F.24.729 |
| Stddev | .00004 | .0045  | .00106  | .51809   | 1.277    |
| %RSD   | .93832 | 75.66  | 1.0517  | 2.5459   | 5.1626   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00448 | .0092 | .10041 | -19.984 | 23.827 |
| #2 | .00454 | .0028 | .10191 | -20.717 | 25.632 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2114.2  | 47338.  | 4849.8  | 75.253 | 2188.4 |
| Stddev    | 10.9    | 121.    | 1.6     | .855   | 9.9    |
| %RSD      | .51694  | .25489  | .03261  | 1.1364 | .45121 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2106.4 | 47253. | 4850.9 | 74.648 | 2181.4 |
| #2 | 2121.9 | 47424. | 4848.6 | 75.857 | 2195.4 |

Sample Name: ICSAB01      Acquired: 7/18/2018 13:37:12      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .10011 | .09873 | .05060 | .05577 | .60421 | 266.97 | .50222 |
| Stddev | .00039 | .00042 | .00103 | .00268 | .00092 | 1.73   | .00693 |
| %RSD   | .38550 | .42950 | 2.0378 | 4.8096 | .15223 | .64817 | 1.3806 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10039 | .09843 | .04987 | .05767 | .60356 | 265.74 | .49732 |
| #2 | .09984 | .09903 | .05133 | .05387 | .60486 | 268.19 | .50713 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53798 | 1.0127 | 236.30 | .57211 | .50506 | .48671 | 95.663 |
| Stddev | .00194 | .0035  | 2.59   | .00234 | .00069 | .00190 | 1.639  |
| %RSD   | .36058 | .34426 | 1.0980 | .40818 | .13595 | .39105 | 1.7131 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53661 | 1.0102 | 234.47 | .57046 | .50457 | .48536 | 94.504 |
| #2 | .53935 | 1.0151 | 238.14 | .57376 | .50554 | .48806 | 96.821 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52386 | 253.07 | 1.0113 | .18622 | .00266 | .50648 | .98644 |
| Stddev | .00045 | 3.62   | .0032  | .00013 | .00171 | .00229 | .00906 |
| %RSD   | .08601 | 1.4295 | .32066 | .06963 | 64.180 | .45168 | .91797 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .52354 | 250.51 | 1.0090 | .18613 | .00387 | .50486 | .98004 |
| #2 | .52418 | 255.63 | 1.0136 | .18631 | .00146 | .50810 | .99284 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03507 | .00058 | .02503 | .00331 | .00529 | .00130 | .00123 |
| Stddev | .00786 | .00031 | .00824 | .00660 | .00174 | .00167 | .00007 |
| %RSD   | 22.422 | 54.155 | 32.905 | 199.21 | 32.823 | 128.76 | 5.9249 |

|    |         |        |        |         |         |        |         |
|----|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.02951 | .00036 | .03085 | .00798  | -.00406 | .00012 | -.00118 |
| #2 | -.04063 | .00080 | .01921 | -.00135 | -.00651 | .00248 | -.00129 |

Sample Name: ICSAB01      Acquired: 7/18/2018 13:37:12      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |          |
|--------|--------|--------|--------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .00292 | F.0030 | .09981 | F<.00000 | F.23.467 |
| Stddev | .00107 | .0012  | .00099 | .41855   | .303     |
| %RSD   | 36.529 | 38.53  | .98893 | 2.0012   | 1.2913   |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .00216 | .0039 | .09911 | -21.211 | 23.253 |
| #2 | .00367 | .0022 | .10051 | -20.619 | 23.681 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2106.0  | 47526.  | 4866.1  | 74.623 | 2188.3 |
| Stddev    | .8      | 85.     | 12.2    | .523   | 5.7    |
| %RSD      | .03729  | .17898  | .25135  | .70023 | .26011 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2106.5 | 47466. | 4874.8 | 74.992 | 2192.3 |
| #2 | 2105.4 | 47586. | 4857.5 | 74.253 | 2184.2 |

Sample Name: CCV01      Acquired: 7/18/2018 13:41:24      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.0689 | 5.0464 | 5.0289 | 5.0753 | 5.0955 | 10.033 | 9.9624 | .25301  |
| Stddev | .0077  | .0199  | .0043  | .0015  | .0089  | .154   | .0357  | .00028  |
| %RSD   | .15292 | .39494 | .08533 | .02914 | .17471 | 1.5301 | .35859 | .11058  |
| #1     | 5.0634 | 5.0605 | 5.0319 | 5.0742 | 5.1018 | 9.9247 | 9.9372 | .25281  |
| #2     | 5.0744 | 5.0323 | 5.0259 | 5.0763 | 5.0892 | 10.142 | 9.9877 | .25321  |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.5085 | 24.845 | 1.0261 | 2.5092 | 1.2814 | 5.0141 | 2.5391 | 24.620  |
| Stddev | .0040  | .170   | .0053  | .0070  | .0003  | .1371  | .0020  | .218    |
| %RSD   | .15804 | .68448 | .51601 | .27807 | .02482 | 2.7351 | .07924 | .88497  |
| #1     | 2.5113 | 24.724 | 1.0299 | 2.5141 | 1.2812 | 4.9172 | 2.5405 | 24.466  |
| #2     | 2.5057 | 24.965 | 1.0224 | 2.5043 | 1.2816 | 5.1111 | 2.5376 | 24.774  |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.5213 | 1.2712 | 24.690 | 2.5342 | 2.4851 | 24.549 | 5.0779 | 4.8794  |
| Stddev | .0004  | .0009  | .062   | .0030  | .0225  | .108   | .0044  | .0510   |
| %RSD   | .01762 | .07317 | .25186 | .11702 | .90519 | .43861 | .08584 | 1.0451  |
| #1     | 2.5217 | 1.2706 | 24.646 | 2.5321 | 2.4692 | 24.472 | 5.0748 | 4.8433  |
| #2     | 2.5210 | 1.2719 | 24.734 | 2.5363 | 2.5010 | 24.625 | 5.0810 | 4.9155  |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.8819 | 4.8126 | 4.9913 | 4.9247 | 4.9559 | 5.036  | 4.9534 | F1.8430 |
| Stddev | .0036  | .0090  | .0066  | .0283  | .0225  | .029   | .0261  | .1440   |
| %RSD   | .07330 | .18611 | .13231 | .57416 | .45292 | .5762  | .52704 | 7.8136  |
| #1     | 4.8844 | 4.8190 | 4.9960 | 4.9047 | 4.9400 | 5.056  | 4.9349 | 1.7411  |
| #2     | 4.8793 | 4.8063 | 4.9866 | 4.9447 | 4.9718 | 5.015  | 4.9719 | 1.9448  |

Sample Name: CCV01      Acquired: 7/18/2018 13:41:24      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 2.2151 |
| Stddev | .8924               |
| %RSD   | 40.286              |

|    |        |
|----|--------|
| #1 | 1.5841 |
| #2 | 2.8461 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2214.3  | 50519.  | 4871.4  | 77.344 | 2442.7 |
| Stddev    | 4.8     | 268.    | 44.9    | .359   | 10.8   |
| %RSD      | .21790  | .53079  | .92188  | .46385 | .44257 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2210.8 | 50329. | 4839.6 | 77.597 | 2435.1 |
| #2 | 2217.7 | 50709. | 4903.1 | 77.090 | 2450.4 |

Sample Name: LLCCV01      Acquired: 7/18/2018 13:45:22      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01819 | .04217 | .01377 | .02263 | .05254 | .09860 | .10217 |
| Stddev | .00183 | .00037 | .00014 | .00269 | .00209 | .00239 | .00151 |
| %RSD   | 10.057 | .86829 | 1.0452 | 11.886 | 3.9726 | 2.4244 | 1.4785 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01690 | .04243 | .01387 | .02453 | .05401 | .10029 | .10110 |
| #2 | .01949 | .04191 | .01366 | .02073 | .05106 | .09691 | .10324 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00656 | .00615 | 2.0547 | .01074 | .03002 | .01901 | .09679 |
| Stddev | .00014 | .00001 | .0038  | .00059 | .00007 | .00048 | .00031 |
| %RSD   | 2.1129 | .21095 | .18646 | 5.5108 | .23343 | 2.5054 | .32314 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00666 | .00616 | 2.0520 | .01032 | .02997 | .01934 | .09701 |
| #2 | .00646 | .00614 | 2.0574 | .01116 | .03007 | .01867 | .09657 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02234 | 2.0233 | .03972 | .01193 | 2.0231 | .04273 | .04219 |
| Stddev | .00002 | .0054  | .00033 | .00054 | .0110  | .00068 | .00049 |
| %RSD   | .10858 | .26894 | .83071 | 4.5195 | .54421 | 1.5950 | 1.1572 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02232 | 2.0271 | .03995 | .01231 | 2.0153 | .04224 | .04184 |
| #2 | .02236 | 2.0194 | .03949 | .01155 | 2.0309 | .04321 | .04253 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 1.9781 | .20869 | .08356 | F_01374 | .38147 | .03844 | .03952 |
| Stddev | .0406  | .00060 | .00290 | .00162  | .00342 | .00002 | .00010 |
| %RSD   | 2.0517 | .28529 | 3.4757 | 11.790  | .89704 | .05416 | .26417 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9494 | .20827 | .08150 | .01260 | .38389 | .03845 | .03959 |
| #2 | 2.0068 | .20911 | .08561 | .01489 | .37905 | .03842 | .03944 |

Sample Name: LLCCV01      Acquired: 7/18/2018 13:45:22      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02107 | .0227  | .02112 | F<.00000 | F.52246 |
| Stddev | .00171 | .0001  | .00015 | .59471   | .07720  |
| %RSD   | 8.1070 | .4151  | .70923 | 58.049   | 14.777  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .01986 | .0227 | .02102 | -1.4450 | .57705 |
| #2 | .02228 | .0226 | .02123 | -.60398 | .46786 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2276.2  | 52243.  | 4933.3  | 79.852 | 2725.6 |
| Stddev    | 5.1     | 144.    | 21.4    | .235   | 9.8    |
| %RSD      | .22474  | .27513  | .43320  | .29383 | .36090 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2272.5 | 52344. | 4918.2 | 80.018 | 2718.6 |
| #2 | 2279.8 | 52141. | 4948.4 | 79.686 | 2732.5 |

Sample Name: CCB01      Acquired: 7/18/2018 13:49:38      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00325 | .00062 | .00030 | .00150 | .00045 | .00114 | .00027 |
| Stddev | .00219 | .00040 | .00070 | .00105 | .00083 | .00760 | .00019 |
| %RSD   | 67.391 | 64.140 | 236.46 | 69.749 | 184.87 | 669.11 | 70.284 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00479 | -.00090 | .00079  | -.00224 | .00014  | .00651  | -.00013 |
| #2 | -.00170 | -.00034 | -.00020 | -.00076 | -.00104 | -.00424 | -.00040 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00013 | .01127 | .00032 | .00011 | .00017 | .00541 |
| Stddev | .00002 | .00002 | .00936 | .00014 | .00004 | .00041 | .00183 |
| %RSD   | 88.221 | 16.804 | 83.060 | 42.946 | 32.412 | 237.41 | 33.859 |

|    |         |        |        |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|
| #1 | -.00001 | .00011 | .00465 | -.00042 | -.00009 | -.00046 | -.00411 |
| #2 | -.00004 | .00014 | .01788 | -.00022 | -.00014 | .00012  | -.00670 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00623 | .00036 | .00018 | .07480 | .00009 | .00099 |
| Stddev | .00004 | .04184 | .00062 | .00012 | .00069 | .00020 | .00007 |
| %RSD   | 377.73 | 671.20 | 173.38 | 66.872 | .91901 | 233.11 | 6.6657 |

|    |         |         |         |        |         |         |        |
|----|---------|---------|---------|--------|---------|---------|--------|
| #1 | .00002  | .02335  | .00079  | .00026 | -.07529 | -.00023 | .00103 |
| #2 | -.00004 | -.03582 | -.00008 | .00009 | -.07431 | .00006  | .00094 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00276 | .00015 | .00611 | .00463 | .00344 | .00083 | .00033 |
| Stddev | .00636 | .00013 | .00854 | .00303 | .00294 | .00117 | .00002 |
| %RSD   | 230.87 | 88.002 | 139.74 | 65.407 | 85.423 | 141.27 | 7.1940 |

|    |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|
| #1 | .00174  | -.00006 | -.01215 | -.00677 | .00136 | -.00166 | .00035 |
| #2 | -.00725 | -.00024 | -.00007 | -.00249 | .00552 | .00000  | .00031 |

Sample Name: CCB01      Acquired: 7/18/2018 13:49:38      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00136 | .0015  | .00002 | F<00000 | F1.2905 |
| Stddev | .00013 | .0001  | .00004 | 1.0553  | 1.0219  |
| %RSD   | 9.7494 | 7.744  | 154.28 | 184.31  | 79.188  |

|    |         |       |        |         |        |
|----|---------|-------|--------|---------|--------|
| #1 | -.00127 | .0014 | .00005 | .17365  | .56790 |
| #2 | -.00146 | .0016 | .00000 | -1.3188 | 2.0131 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2287.0  | 52357.  | 4918.3  | 31.618 | 2770.5 |
| Stddev    | 17.8    | 37.     | 15.9    | .116   | 20.5   |
| %RSD      | .77946  | .07080  | .32309  | .14177 | .73934 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2274.4 | 52331. | 4929.5 | 81.536 | 2756.1 |
| #2 | 2299.6 | 52384. | 4907.0 | 81.700 | 2785.0 |

Sample Name: J3996-01      Acquired: 7/18/2018 13:58:14      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07719 | .02348 | .25489 | .04106 | .01623 | 209.61 | 1.7582 |
| Stddev | .00467 | .00076 | .00076 | .00253 | .00220 | .11    | .0184  |
| %RSD   | 6.0480 | 3.2229 | .29848 | 6.1574 | 13.527 | .05438 | 1.0490 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .07389 | -.02402 | .25435 | .04285 | .01468 | 209.69 | 1.7452 |
| #2 | .08049 | -.02295 | .25543 | .03927 | .01778 | 209.53 | 1.7713 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02959 | .02471 | 5.4485 | .31581 | .51636 | .17719 | 319.68 |
| Stddev | .00011 | .00233 | .1265  | .00352 | .00148 | .01029 | 20.07  |
| %RSD   | .38227 | 9.4362 | 2.3210 | 1.1156 | .28613 | 5.8096 | 2.4481 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02967 | .02636 | 5.3591 | .31332 | .51740 | .18446 | 805.49 |
| #2 | .02951 | .02306 | 5.5379 | .31830 | .51531 | .16991 | 833.86 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.374 | 17.822 | .47807 | .00213 | 12.700 | .40830 | .58448 |
| Stddev | .005   | .224   | .00250 | .00203 | .183   | .00027 | .00751 |
| %RSD   | .04288 | 1.2554 | .52240 | 95.292 | 1.4374 | .06661 | 1.2856 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.371 | 17.663 | .47983 | .00069 | 12.571 | .40811 | .57917 |
| #2 | 12.378 | 17.980 | .47630 | .00356 | 12.829 | .40850 | .58980 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.031 | .00395 | .60853 | 1.5035 | 1.1403 | .02146 | 3.0907 |
| Stddev | .227   | .00010 | .02745 | .0047  | .0228  | .00262 | .0624  |
| %RSD   | 1.1939 | 2.5654 | 4.5113 | .31533 | 1.9958 | 12.188 | 1.0241 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 18.870 | -.00403 | .58912 | 1.5069 | 1.1242 | .02331 | 6.0466 |
| #2 | 19.191 | -.00388 | .62794 | 1.5002 | 1.1564 | .01961 | 6.1348 |

Sample Name: J3996-01      Acquired: 7/18/2018 13:58:14      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .16058 | 10.74  | .10586 | F<00000 | F123.01 |
| Stddev | .00202 | .01    | .00106 | 5.6091  | .99     |
| %RSD   | 1.2560 | .1077  | .99928 | 1.8045  | .80372  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .15915 | 10.75 | .10512 | -306.87 | 122.31 |
| #2 | .16200 | 10.74 | .10661 | -314.81 | 123.71 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3243.2  | 74925.  | 7452.5  | 78.023 | 2174.1 |
| Stddev    | .3      | 654.    | 31.4    | 1.300  | 2.6    |
| %RSD      | .01071  | .87248  | .42089  | 1.6661 | .11970 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3243.0 | 74463. | 7474.7 | 78.942 | 2172.3 |
| #2 | 3243.5 | 75387. | 7430.3 | 77.104 | 2176.0 |

Sample Name: J3997-03      Acquired: 7/18/2018 14:02:20      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04846 | .00833 | .16061 | .00781 | .00433 | 114.84 | .41181 |
| Stddev | .00281 | .00026 | .00094 | .00141 | .00346 | .55    | .00495 |
| %RSD   | 5.8050 | 3.1664 | .58777 | 18.015 | 79.783 | .47945 | 1.2032 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04647 | -.00814 | .16128 | .00681 | .00678 | 114.45 | .40830 |
| #2 | .05045 | -.00852 | .15994 | .00880 | .00189 | 115.23 | .41531 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00553 | .00254 | 23.476 | .15272 | .09836 | .15306 | 231.53 |
| Stddev | .00017 | .00036 | .205   | .00171 | .00043 | .00320 | 4.15   |
| %RSD   | 3.1617 | 14.299 | .87195 | 1.1205 | .43989 | 2.0921 | 1.7930 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00541 | .00279 | 23.331 | .15393 | .09805 | .15533 | 228.60 |
| #2 | .00566 | .00228 | 23.620 | .15151 | .09866 | .15080 | 234.47 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.1595 | 42.570 | 20374  | .00475 | 5.6899 | 26092  | 44081  |
| Stddev | .0186  | .302   | .00167 | .00032 | .0532  | .00104 | .00626 |
| %RSD   | .44706 | .71013 | .82205 | 6.6942 | .93417 | .39700 | 1.4208 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.1726 | 42.356 | .20493 | -.00497 | 5.6523 | .26165 | .43638 |
| #2 | 4.1463 | 42.784 | .20256 | -.00452 | 5.7275 | .26019 | .44524 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5881 | .00005 | 14112  | .51447 | 1.1537 | .01920 | 2.9648 |
| Stddev | .0556  | .00048 | .00560 | .00148 | .0010  | .00105 | .0319  |
| %RSD   | 1.2121 | 915.54 | 3.9714 | .28713 | .08294 | 5.4746 | 1.0744 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 4.5487 | -.00029 | .13716 | .51551 | 1.1544 | .01994 | 2.9423 |
| #2 | 4.6274 | .00039  | .14509 | .51342 | 1.1530 | .01846 | 2.9873 |

Sample Name: J3997-03      Acquired: 7/18/2018 14:02:20      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .12610 | 3.897  | .09857 | F<00000 | 54.398 |
| Stddev | .00025 | .000   | .00081 | 1.5170  | .767   |
| %RSD   | .19634 | .0109  | .82156 | 1.7518  | 1.4097 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .12592 | 3.897 | .09799 | -85.523 | 53.856 |
| #2 | .12627 | 3.898 | .09914 | -87.669 | 54.941 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2519.3  | 58356.  | 5690.4  | 79.647 | 2459.9 |
| Stddev    | 8.1     | 250.    | .1      | .763   | 7.8    |
| %RSD      | .32178  | .42758  | .00249  | .95819 | .31593 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2513.6 | 58179. | 5690.5 | 80.186 | 2454.4 |
| #2 | 2525.1 | 58532. | 5690.3 | 79.107 | 2465.4 |

Sample Name: J3997-07      Acquired: 7/18/2018 14:06:29      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03274 | .00492 | .06129 | .00922 | .00140 | 78.529 | .65583 |
| Stddev | .00039 | .00082 | .00048 | .00231 | .00199 | .137   | .00875 |
| %RSD   | 1.1997 | 16.704 | .77799 | 25.079 | 142.09 | .17415 | 1.3335 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .03302 | -.00434 | .06095 | .00758 | .00280  | 78.433 | .64965 |
| #2 | .03246 | -.00550 | .06163 | .01085 | -.00001 | 78.626 | .66201 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00500 | .00133 | 10.581 | .10603 | .07675 | .05646 | 181.76 |
| Stddev | .00004 | .00005 | .240   | .00047 | .00003 | .00064 | .64    |
| %RSD   | .80293 | 3.8929 | 2.2657 | .44146 | .03682 | 1.1268 | .34962 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00497 | .00137 | 10.411 | .10636 | .07677 | .05601 | 181.31 |
| #2 | .00502 | .00129 | 10.750 | .10569 | .07673 | .05691 | 182.20 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8613 | 25.940 | .15137 | .00240 | 3.0757 | .14639 | .43114 |
| Stddev | .0050  | .310   | .00040 | .00029 | .0445  | .00089 | .00028 |
| %RSD   | .10190 | 1.1963 | .26381 | 12.130 | 1.4476 | .60901 | .06473 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.8578 | 25.720 | .15165 | -.00219 | 3.0442 | .14576 | .43134 |
| #2 | 4.8648 | 26.159 | .15109 | -.00261 | 3.1071 | .14702 | .43095 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.8437 | .00054 | .09581 | .37880 | 1.4470 | .00636 | 1.4717 |
| Stddev | .0883  | .00013 | .00751 | .00795 | .0194  | .00124 | .0154  |
| %RSD   | 1.5107 | 23.719 | 7.8421 | 2.0992 | 1.3389 | 19.438 | 1.0479 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 5.7813 | -.00045 | .09050 | .38442 | 1.4333 | .00548 | 1.4608 |
| #2 | 5.9061 | -.00063 | .10112 | .37318 | 1.4607 | .00723 | 1.4826 |

Sample Name: J3997-07      Acquired: 7/18/2018 14:06:29      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .09965 | 5.077  | .05060 | F<00000 | 42.957 |
| Stddev | .00072 | .005   | .00079 | 1.7465  | 1.019  |
| %RSD   | .72438 | .0947  | 1.5565 | 2.5588  | 2.3714 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .10016 | 5.080 | .05004 | -67.021 | 42.237 |
| #2 | .09914 | 5.073 | .05116 | -69.491 | 43.677 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2631.8  | 51004.  | 5905.6  | 79.777 | 2502.9 |
| Stddev    | 10.2    | 200.    | 58.6    | .292   | 10.7   |
| %RSD      | .38653  | .32826  | .99215  | .36568 | .42945 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2624.7 | 60863. | 5947.0 | 79.570 | 2495.3 |
| #2 | 2639.0 | 61146. | 5864.1 | 79.983 | 2510.5 |

Sample Name: J3997-11      Acquired: 7/18/2018 14:10:38      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05932 | .00840 | .14858 | .01437 | .00431 | 201.13 | .78269 |
| Stddev | .00369 | .00256 | .00049 | .00306 | .00044 | 2.84   | .01215 |
| %RSD   | 6.2156 | 30.516 | .33073 | 21.262 | 10.292 | 1.4117 | 1.5528 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .05671 | -.01022 | .14893 | .01221 | .00400 | 199.12 | .77409 |
| #2 | .06193 | -.00659 | .14823 | .01653 | .00463 | 203.13 | .79128 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00856 | .00495 | 12.835 | .22091 | .10701 | .04582 | 315.17 |
| Stddev | .00011 | .00029 | .227   | .00047 | .00013 | .00118 | .35    |
| %RSD   | 1.2479 | 5.8718 | 1.7685 | .21456 | .12423 | 2.5820 | .10991 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00863 | .00515 | 12.674 | .22057 | .10691 | -.04498 | 314.93 |
| #2 | .00848 | .00474 | 12.995 | .22124 | .10710 | -.04666 | 315.42 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7081 | 28.762 | .18225 | .00654 | 3.6230 | .38491 | .53367 |
| Stddev | .0038  | .489   | .00008 | .00022 | .1316  | .00164 | .00631 |
| %RSD   | .10334 | 1.7015 | .04305 | 3.3459 | 1.5267 | .42518 | 1.1817 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 3.7053 | 28.416 | .18220 | -.00638 | 8.5300 | .38375 | .53813 |
| #2 | 3.7108 | 29.108 | .18231 | -.00669 | 8.7161 | .38607 | .52921 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3600 | .00132 | .18037 | .87715 | 2.1409 | .00880 | 1.5211 |
| Stddev | .0648  | .00000 | .01276 | .00216 | .0073  | .00014 | .0222  |
| %RSD   | 1.2089 | .20202 | 7.0730 | .24577 | .34122 | 1.5419 | 1.4562 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.3142 | .00132 | .18940 | .87868 | 2.1358 | .00890 | 1.5054 |
| #2 | 5.4058 | .00132 | .17135 | .87563 | 2.1461 | .00871 | 1.5367 |

Sample Name: J3997-11      Acquired: 7/18/2018 14:10:38      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .14560 | 7.450  | .08064 | F<00000 | 31.003 |
| Stddev | .00267 | .018   | .00117 | .16812  | 1.017  |
| %RSD   | 1.8326 | .2432  | 1.4549 | .13876  | 1.6666 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .14371 | 7.438 | .07981 | -121.28 | 60.284 |
| #2 | .14748 | 7.463 | .08147 | -121.04 | 61.722 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2737.5  | 31974.  | 3204.6  | 30.541 | 2376.0 |
| Stddev    | 6.6     | 28.     | 10.1    | 1.129  | 6.4    |
| %RSD      | .24071  | .04475  | .16216  | 1.4022 | .26878 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2732.8 | 61955. | 6197.5 | 79.743 | 2371.5 |
| #2 | 2742.1 | 61994. | 6211.7 | 81.340 | 2380.5 |

Sample Name: J3997-15      Acquired: 7/18/2018 14:14:48      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02350 | .00425 | .02727 | .00557 | .00084 | 45.941 | .46846 |
| Stddev | .00010 | .00015 | .00099 | .00101 | .00126 | .289   | .00053 |
| %RSD   | .40447 | 3.5176 | 3.6155 | 18.195 | 149.60 | .62999 | .11416 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .02344 | -.00414 | .02797 | .00629 | -.00173 | 45.737 | .46884 |
| #2 | .02357 | -.00436 | .02657 | .00485 | .00005  | 46.146 | .46808 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00277 | .00003 | 4.4417 | .05334 | .03438 | .02200 | 94.556 |
| Stddev | .00009 | .00018 | .0159  | .00025 | .00001 | .00073 | .630   |
| %RSD   | 3.3781 | 546.91 | .35707 | .46441 | .03868 | 3.3114 | .66660 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00271 | .00016  | 4.4529 | .05316 | .03438 | .02251 | 94.110 |
| #2 | .00284 | -.00009 | 4.4304 | .05351 | .03439 | .02148 | 95.002 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0562 | 11.496 | .07853 | .00195 | 2.0555 | .08810 | .17283 |
| Stddev | .0010  | .019   | .00014 | .00057 | .0256  | .00083 | .00103 |
| %RSD   | .03336 | .16790 | .17924 | 29.108 | 1.2460 | .94086 | .59643 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 3.0570 | 11.510 | .07863 | -.00155 | 2.0374 | .08868 | .17356 |
| #2 | 3.0555 | 11.482 | .07843 | -.00235 | 2.0736 | .08751 | .17210 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8416 | .00043 | .04370 | .21934 | 1.0828 | .00187 | .82884 |
| Stddev | .0118  | .00008 | .00406 | .00494 | .0044  | .00095 | .00087 |
| %RSD   | .41681 | 18.540 | 9.2834 | 2.2512 | .40891 | 50.969 | .10541 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8333 | .00038 | .04083 | .22283 | 1.0859 | .00254 | .82822 |
| #2 | 2.8500 | .00049 | .04657 | .21585 | 1.0797 | .00120 | .82946 |

Sample Name: J3997-15      Acquired: 7/18/2018 14:14:48      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .04705 | 2.024  | .03857 | F<00000 | 21.432 |
| Stddev | .00006 | .001   | .00004 | .62918  | 1.219  |
| %RSD   | .11834 | .0688  | .10799 | 1.7554  | 5.6881 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04709 | 2.024 | .03860 | -36.287 | 20.570 |
| #2 | .04701 | 2.023 | .03854 | -35.397 | 22.294 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2466.5  | 57371.  | 5454.7  | 79.557 | 2605.5 |
| Stddev    | 1.8     | 237.    | 57.6    | .282   | 3.9    |
| %RSD      | .07342  | .41235  | 1.0551  | .35483 | .14913 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2465.2 | 57203. | 5414.0 | 79.357 | 2602.7 |
| #2 | 2467.7 | 57538. | 5495.4 | 79.757 | 2608.2 |

Sample Name: J4012-01      Acquired: 7/18/2018 14:18:56      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .14620 | .00700 | .65939 | .01599 | .00388 | 179.42 | 1.3436 |
| Stddev | .00524 | .00164 | .00316 | .00301 | .00183 | .06    | .0200  |
| %RSD   | 3.5872 | 23.442 | .47888 | 18.845 | 47.205 | .03319 | 1.4916 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .14249 | -.00816 | .66162 | .01386 | .00517 | 179.47 | 1.3294 |
| #2 | .14991 | -.00584 | .65716 | .01812 | .00258 | 179.38 | 1.3578 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00884 | .00698 | 26.374 | .28216 | .13734 | .55647 | 247.97 |
| Stddev | .00012 | .00060 | .582   | .00004 | .00047 | .00250 | 6.57   |
| %RSD   | 1.3863 | 8.6411 | 2.2057 | .01275 | .34497 | .44897 | 2.6501 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00892 | .00741 | 25.963 | .28219 | .13767 | .55824 | 243.33 |
| #2 | .00875 | .00656 | 26.785 | .28213 | .13700 | .55470 | 252.62 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.7857 | 58.897 | .33122 | .00428 | 5.7405 | .32116 | 1.0933 |
| Stddev | .0215  | 1.272  | .00061 | .00118 | .1068  | .00020 | .0148  |
| %RSD   | .37179 | 1.8468 | .18422 | 27.551 | 1.8599 | .06188 | 1.3542 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 5.7705 | 67.997 | .33165 | -.00512 | 5.6650 | .32130 | 1.0828 |
| #2 | 5.8009 | 69.797 | .33079 | -.00345 | 5.8160 | .32102 | 1.1038 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 20.436 | .00443 | .14843 | 2.2879 | 1.1670 | .02523 | 2.1972 |
| Stddev | .344   | .00028 | .01748 | .0100  | .0264  | .00085 | .0278  |
| %RSD   | 1.6835 | 6.3602 | 11.773 | .43665 | 2.2646 | 3.3561 | 1.2663 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 20.192 | .00423 | .13607 | 2.2949 | 1.1483 | .02583 | 2.1775 |
| #2 | 20.679 | .00463 | .16079 | 2.2808 | 1.1857 | .02463 | 2.2169 |

Sample Name: J4012-01      Acquired: 7/18/2018 14:18:56      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .32425 | 7.742  | .17823 | F<00000 | 52.216 |
| Stddev | .00524 | .023   | .00222 | .78875  | 1.623  |
| %RSD   | 1.6167 | .3012  | 1.2435 | .86350  | 3.1074 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .32054 | 7.759 | .17667 | -90.785 | 51.068 |
| #2 | .32795 | 7.726 | .17980 | -91.900 | 53.363 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2538.4  | 57448.  | 5732.6  | 78.753 | 2368.7 |
| Stddev    | 17.7    | 162.    | 85.4    | 1.502  | 7.1    |
| %RSD      | .69758  | .28227  | 1.4894  | 1.9066 | .30138 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2550.9 | 57334. | 5793.0 | 79.815 | 2373.7 |
| #2 | 2525.9 | 57563. | 5672.2 | 77.692 | 2363.6 |

Sample Name: J4013-01      Acquired: 7/18/2018 14:23:05      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04501 | .00608 | .11239 | .01290 | .00396 | 142.28 | .62123 |
| Stddev | .00768 | .00005 | .00108 | .00208 | .00167 | 1.59   | .00049 |
| %RSD   | 17.052 | .77297 | .95885 | 16.087 | 42.233 | 1.1191 | .07918 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .03958 | -.00605 | .11316 | .01143 | .00278 | 141.16 | .62088 |
| #2 | .05044 | -.00611 | .11163 | .01437 | .00514 | 143.41 | .62158 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00813 | .00194 | 9.1563 | .18387 | .11911 | .00183 | 292.98 |
| Stddev | .00012 | .00014 | .0533  | .00035 | .00011 | .00090 | 2.14   |
| %RSD   | 1.4828 | 7.4610 | .58187 | .18968 | .09377 | 49.406 | .73050 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00805 | .00204 | 9.1940 | .18362 | .11903 | -.00119 | 291.47 |
| #2 | .00822 | .00183 | 9.1186 | .18411 | .11919 | -.00246 | 294.50 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0593 | 31.941 | .23717 | .00420 | 6.5790 | .26483 | .50132 |
| Stddev | .0010  | .020   | .00171 | .00076 | .0071  | .00071 | .00372 |
| %RSD   | .01875 | .06207 | .72066 | 18.230 | .10816 | .26816 | .74253 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 5.0586 | 31.955 | .23596 | -.00474 | 6.5740 | .26433 | .49869 |
| #2 | 5.0599 | 31.927 | .23837 | -.00365 | 6.5841 | .26533 | .50396 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9644 | .00033 | .16609 | .69120 | 1.1876 | .00749 | 2.0459 |
| Stddev | .0063  | .00018 | .00401 | .00114 | .0099  | .00210 | .0044  |
| %RSD   | .07075 | 54.967 | 2.4117 | .16534 | .83274 | 28.016 | .21713 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 8.9599 | -.00020 | .16326 | .69201 | 1.1946 | .00897 | 2.0428 |
| #2 | 8.9689 | -.00046 | .16892 | .69039 | 1.1806 | .00600 | 2.0491 |

Sample Name: J4013-01      Acquired: 7/18/2018 14:23:05      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .12511 | 5.166  | .07398 | F<00000 | 59.930 |
| Stddev | .00166 | .015   | .00075 | .37387  | 1.640  |
| %RSD   | 1.3276 | .2865  | 1.0166 | .35381  | 2.7365 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .12394 | 5.156 | .07345 | -105.93 | 61.090 |
| #2 | .12629 | 5.177 | .07451 | -105.41 | 58.770 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2642.2  | 50846.  | 5918.4  | 77.039 | 2419.2 |
| Stddev    | 34.8    | 102.    | 58.1    | .175   | 23.8   |
| %RSD      | 1.3157  | .16820  | .98136  | .22684 | .98237 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2617.7 | 60773. | 5877.4 | 76.916 | 2402.4 |
| #2 | 2666.8 | 60918. | 5959.5 | 77.163 | 2436.0 |

Sample Name: J4013-05      Acquired: 7/18/2018 14:27:09      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04311 | .00846 | .10729 | .01457 | .00224 | 105.73 | 1.0252 |
| Stddev | .00498 | .00409 | .00364 | .00019 | .00076 | .86    | .0080  |
| %RSD   | 11.554 | 48.357 | 3.3927 | 1.3191 | 33.934 | .81187 | .78280 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .03958 | -.00557 | .10987 | .01471 | .00170 | 106.33 | 1.0195 |
| #2 | .04663 | -.01136 | .10472 | .01443 | .00278 | 105.12 | 1.0309 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00780 | .00257 | 12.703 | .14645 | .12538 | .00614 | 264.10 |
| Stddev | .00007 | .00030 | .252   | .00149 | .00016 | .00157 | 2.31   |
| %RSD   | .89717 | 11.819 | 1.9809 | 1.0144 | .12759 | 25.575 | .87656 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00775 | .00278 | 12.525 | .14750 | .12550 | .00725 | 262.46 |
| #2 | .00785 | .00235 | 12.880 | .14540 | .12527 | .00503 | 265.73 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.3918 | 29.141 | .23495 | .00279 | 4.8513 | .20539 | .52827 |
| Stddev | .0598  | .717   | .00035 | .00039 | .0597  | .00098 | .00521 |
| %RSD   | .80879 | 2.4618 | .14788 | 14.129 | 1.2306 | .47616 | .98628 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 7.4341 | 28.634 | .23520 | -.00307 | 4.8091 | .20608 | .53196 |
| #2 | 7.3495 | 29.648 | .23471 | -.00251 | 4.8935 | .20470 | .52459 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.5430 | .00033 | .16540 | .56313 | 1.6626 | .00677 | 1.7863 |
| Stddev | .1251  | .00008 | .00320 | .00493 | .0215  | .00022 | .0230  |
| %RSD   | 1.3108 | 25.121 | 1.9367 | .87558 | 1.2925 | 3.2574 | 1.2881 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 9.4546 | -.00038 | .16766 | .56662 | 1.6474 | .00692 | 1.7701 |
| #2 | 9.6315 | -.00027 | .16313 | .55965 | 1.6778 | .00661 | 1.8026 |

Sample Name: J4013-05      Acquired: 7/18/2018 14:27:09      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .10643 | 5.736  | .07290 | F<00000 | 56.018 |
| Stddev | .00124 | .004   | .00065 | .62176  | 3.204  |
| %RSD   | 1.1697 | .0634  | .89024 | .60176  | 5.7192 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .10555 | 6.739 | .07244 | -102.88 | 58.283 |
| #2 | .10731 | 6.733 | .07336 | -103.76 | 53.752 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2831.4  | 55028.  | 5363.8  | 30.481 | 2480.8 |
| Stddev    | 13.4    | 595.    | 81.5    | .263   | 7.3    |
| %RSD      | .47287  | .91430  | 1.2800  | .32624 | .29610 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2840.9 | 64607. | 6421.4 | 80.295 | 2486.0 |
| #2 | 2822.0 | 65448. | 6306.2 | 80.666 | 2475.6 |

Sample Name: PB111177BL      Acquired: 7/18/2018 14:31:21      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00149 | .00178 | .00028 | .00220 | .00276 | .01140 | .00044 |
| Stddev | .00101 | .00024 | .00064 | .00147 | .00039 | .00084 | .00035 |
| %RSD   | 67.818 | 13.679 | 229.56 | 67.008 | 14.079 | 7.3263 | 79.227 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00077 | -.00161 | .00017  | -.00116 | -.00303 | .01199 | -.00069 |
| #2 | -.00220 | -.00195 | -.00073 | -.00324 | -.00248 | .01081 | -.00019 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00013 | .01603 | .00022 | .00016 | .00017 | .00462 |
| Stddev | .00004 | .00004 | .00104 | .00024 | .00035 | .00033 | .00578 |
| %RSD   | 163.48 | 28.403 | 6.4887 | 105.00 | 215.42 | 201.15 | 125.10 |

|    |         |        |        |        |         |         |         |
|----|---------|--------|--------|--------|---------|---------|---------|
| #1 | -.00005 | .00015 | .01677 | .00039 | .00041  | .00007  | -.00871 |
| #2 | .00000  | .00010 | .01529 | .00006 | -.00009 | -.00040 | -.00053 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00862 | .00044 | .00067 | .08069 | .00047 | .00012 |
| Stddev | .00003 | .02723 | .00019 | .00018 | .00070 | .00016 | .00008 |
| %RSD   | 76.409 | 315.87 | 42.221 | 27.015 | .86518 | 34.502 | 65.127 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00002 | .02788  | .00031 | .00079 | -.08118 | .00058 | .00017 |
| #2 | .00007 | -.01063 | .00058 | .00054 | -.08019 | .00035 | .00006 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03907 | .00005 | .01061 | .00310 | .00121 | .00011 | .00026 |
| Stddev | .01984 | .00014 | .00112 | .00102 | .00145 | .00137 | .00263 |
| %RSD   | 50.788 | 309.02 | 10.559 | 32.978 | 119.11 | 1283.8 | 1011.4 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.05310 | .00006  | -.01140 | -.00237 | -.00224 | -.00086 | -.00212 |
| #2 | -.02504 | -.00015 | -.00981 | -.00382 | -.00019 | .00107  | .00160  |

Sample Name: PB111177BL      Acquired: 7/18/2018 14:31:21      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00036 | .0007  | .00004 | F<00000 | <00000 |
| Stddev | .00145 | .0011  | .00002 | .18273  | .21198 |
| %RSD   | 404.13 | 142.1  | 43.586 | 15.232  | 185.22 |

|    |         |        |         |         |         |
|----|---------|--------|---------|---------|---------|
| #1 | .00066  | -.0015 | -.00005 | -1.0705 | -.26433 |
| #2 | -.00138 | .0000  | -.00003 | -1.3289 | .03544  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2285.6  | 54028.  | 4967.7  | 31.105 | 2783.6 |
| Stddev    | 31.0    | 12.     | 21.8    | .842   | 30.7   |
| %RSD      | 1.3547  | .02177  | .43815  | 1.0383 | 1.1045 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2263.7 | 54036. | 4983.1 | 81.700 | 2761.9 |
| #2 | 2307.5 | 54020. | 4952.3 | 80.509 | 2805.4 |

Sample Name: PB111177BS      Acquired: 7/18/2018 14:35:37      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .88295 | 2.2371 | 1.0945 | 2.2348 | .91675 | 2.1271 | .22805 |
| Stddev | .00332 | .0004  | .0037  | .0053  | .00292 | .0273  | .00064 |
| %RSD   | .37633 | .01781 | .34252 | .23564 | .31874 | 1.2823 | .27966 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88060 | 2.2368 | 1.0919 | 2.2310 | .91468 | 2.1078 | .22760 |
| #2 | .88529 | 2.2374 | 1.0972 | 2.2385 | .91881 | 2.1464 | .22850 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22116 | .21660 | 1.1484 | .45262 | .21918 | .35601 | 3.2947 |
| Stddev | .00072 | .00068 | .0056  | .00028 | .00083 | .00181 | .0402  |
| %RSD   | .32720 | .31350 | .49210 | .06155 | .37984 | .50829 | 1.2210 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22064 | .21612 | 1.1444 | .45282 | .21859 | .35473 | 3.2663 |
| #2 | .22167 | .21708 | 1.1524 | .45242 | .21977 | .35729 | 3.3232 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23246 | 2.2434 | .54492 | .08097 | 3.2296 | .33903 | .22532 |
| Stddev | .00000 | .0748  | .00351 | .00120 | .0195  | .00195 | .00094 |
| %RSD   | .00149 | 3.3347 | .64396 | 1.4800 | .60262 | .57556 | .41628 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23246 | 2.1905 | .54244 | .08182 | 3.2159 | .34041 | .22465 |
| #2 | .23246 | 2.2963 | .54740 | .08013 | 3.2434 | .33765 | .22598 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.032 | .46518 | .31232 | .00786 | 1.0174 | .74929 | .22250 |
| Stddev | .058   | .00152 | .00876 | .00506 | .0037  | .00487 | .00223 |
| %RSD   | .52730 | .32589 | 2.8044 | 64.332 | .35969 | .64952 | 1.0002 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 10.991 | .46411 | .31851 | -.01144 | 1.0148 | .74585 | .22092 |
| #2 | 11.073 | .46625 | .30612 | -.00429 | 1.0200 | .75273 | .22407 |

Sample Name: PB111177BS      Acquired: 7/18/2018 14:35:37      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .22340 | 5.050  | .22127 | F<00000 | F<00000 |
| Stddev | .00198 | .021   | .00071 | .45021  | .13793  |
| %RSD   | .88777 | .3487  | .31924 | 20.388  | 5.2721  |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .22200 | 6.035 | .22077 | -1.8899 | -2.5186 |
| #2 | .22481 | 6.065 | .22177 | -2.5266 | -2.7137 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2307.5  | 54133.  | 5005.3  | 33.041 | 2731.1 |
| Stddev    | 3.6     | 180.    | 29.9    | .272   | .5     |
| %RSD      | .15617  | .33210  | .59792  | .32736 | .01975 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2310.1 | 54006. | 4984.2 | 83.233 | 2730.7 |
| #2 | 2305.0 | 54260. | 5026.5 | 82.849 | 2731.5 |

Sample Name: CCV02      Acquired: 7/18/2018 14:39:41      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 4.9453 | 4.8824 | 4.9205 | 4.8755 | 4.9685 | 3.5131 | 3.7249 | 2.4365 | 2.4374 |
| Stddev | .0222  | .0055  | .0102  | .0093  | .0064  | .0868  | .0553  | .00146 | .0036  |
| %RSD   | .44803 | .11199 | .20680 | .19112 | .12948 | .91253 | .56842 | .59794 | .14788 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9609 | 4.8862 | 4.9277 | 4.8821 | 4.9731 | 9.4517 | 9.6858 | .24262 | 2.4399 |
| #2 | 4.9296 | 4.8785 | 4.9134 | 4.8689 | 4.9640 | 9.5745 | 9.7640 | .24468 | 2.4348 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 23.818 | .96791 | 2.4518 | 1.2420 | 4.8252 | 2.4324 | 24.006 | 2.4239 | 1.2174 |
| Stddev | .225   | .00518 | .0035  | .0008  | .0274  | .0149  | .291   | .0016  | .0043  |
| %RSD   | .94574 | .53562 | .14129 | .06086 | .56745 | .61252 | 1.2106 | .06482 | .34978 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.658 | .96424 | 2.4543 | 1.2425 | 4.8058 | 2.4218 | 23.800 | 2.4250 | 1.2144 |
| #2 | 23.977 | .97157 | 2.4494 | 1.2414 | 4.8445 | 2.4429 | 24.211 | 2.4228 | 1.2204 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 23.767 | 2.4306 | 2.3906 | 23.947 | 4.9677 | 4.7300 | 4.7576 | 4.6949 | 4.8578 |
| Stddev | .216   | .0111  | .0073  | .120   | .0021  | .0170  | .0258  | .0311  | .0062  |
| %RSD   | .90726 | .45762 | .30474 | .50148 | .04271 | .35963 | .54171 | .66202 | .12655 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 23.614 | 2.4227 | 2.3855 | 23.862 | 4.9692 | 4.7420 | 4.7758 | 4.6729 | 4.8622 |
| #2 | 23.919 | 2.4385 | 2.3958 | 24.032 | 4.9662 | 4.7179 | 4.7394 | 4.7168 | 4.8535 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7547 | 4.8153 | 4.850  | 4.8255 | 2.0941 | 1.6375 |
| Stddev | .0310  | .0282  | .016   | .0218  | .4019  | 1.4124 |
| %RSD   | .65270 | .58567 | .3219  | .45211 | 19.194 | 86.254 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | 4.7327 | 4.7954 | 4.861 | 4.8101 | 2.3783 | .63877 |
| #2 | 4.7766 | 4.8352 | 4.839 | 4.8409 | 1.8099 | 2.6362 |

Sample Name: CCV02      Acquired: 7/18/2018 14:39:41      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2268.4  | 52692.  | 5002.3  | 30.943 | 2512.9 |
| Stddev    | 4.3     | 151.    | 7.2     | .091   | 6.6    |
| %RSD      | .18951  | .28697  | .14426  | .11300 | .26115 |
| #1        | 2265.3  | 52798.  | 5007.4  | 81.008 | 2508.2 |
| #2        | 2271.4  | 52585.  | 4997.2  | 80.878 | 2517.5 |

Sample Name: CCB02      Acquired: 7/18/2018 14:43:29      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00202 | .00167 | .00062 | .00311 | .00009 | .00051 | .00036 |
| Stddev | .00160 | .00167 | .00175 | .00102 | .00116 | .00367 | .00026 |
| %RSD   | 78.993 | 99.753 | 281.67 | 32.757 | 1350.4 | 723.11 | 73.008 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00089 | -.00049 | -.00186 | -.00383 | .00091  | -.00310 | -.00055 |
| #2 | -.00316 | -.00285 | .00062  | -.00239 | -.00074 | .00209  | -.00017 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00014 | .02240 | .00026 | .00004 | .00007 | .00361 |
| Stddev | .00004 | .00001 | .02643 | .00005 | .00021 | .00072 | .00203 |
| %RSD   | 2154.7 | 5.3046 | 118.01 | 17.884 | 529.09 | 990.88 | 56.199 |

|    |         |        |        |         |         |         |         |
|----|---------|--------|--------|---------|---------|---------|---------|
| #1 | -.00003 | .00014 | .04109 | -.00022 | -.00011 | -.00044 | -.00505 |
| #2 | .00003  | .00015 | .00371 | -.00029 | .00019  | .00058  | -.00218 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00816 | .00005 | .00078 | .08207 | .00075 | .00037 |
| Stddev | .00003 | .00026 | .00004 | .00024 | .00721 | .00019 | .00010 |
| %RSD   | 291.29 | 3.2449 | 69.783 | 30.728 | 8.7890 | 25.444 | 27.478 |

|    |         |        |         |        |         |        |        |
|----|---------|--------|---------|--------|---------|--------|--------|
| #1 | .00001  | .00835 | -.00008 | .00061 | -.08717 | .00089 | .00045 |
| #2 | -.00003 | .00797 | -.00003 | .00095 | -.07697 | .00062 | .00030 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00485 | .00019 | .01019 | .00597 | .00121 | .00014 | .00008 |
| Stddev | .03349 | .00023 | .00621 | .00065 | .00204 | .00033 | .00195 |
| %RSD   | 690.88 | 121.42 | 60.990 | 10.938 | 167.69 | 237.88 | 2396.6 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | .02853  | -.00036 | -.00579 | -.00551 | -.00023 | .00037  | .00129  |
| #2 | -.01883 | -.00003 | -.01458 | -.00643 | .00265  | -.00009 | -.00146 |

Sample Name: CCB02      Acquired: 7/18/2018 14:43:29      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00027 | .0015  | .00003 | F<.00000 | F.64659 |
| Stddev | .00082 | .0001  | .00009 | .59416   | .02544  |
| %RSD   | 298.79 | 6.462  | 310.70 | 55.127   | 3.9349  |

|    |         |       |         |         |        |
|----|---------|-------|---------|---------|--------|
| #1 | -.00085 | .0016 | .00009  | -.65766 | .66458 |
| #2 | .00030  | .0015 | -.00003 | -1.4979 | .62860 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2277.7  | 53580.  | 4887.8  | 30.120 | 2771.7 |
| Stddev    | 17.8    | 102.    | 3.5     | .620   | 20.6   |
| %RSD      | .78265  | .19096  | .07247  | .77424 | .74460 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2265.1 | 53652. | 4890.3 | 79.682 | 2757.1 |
| #2 | 2290.3 | 53507. | 4885.3 | 80.559 | 2786.3 |

Sample Name: J3826-03      Acquired: 7/18/2018 14:55:59      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04926 | .01256 | .37777 | .01698 | .00652 | 162.18 | .50232 |
| Stddev | .00703 | .00049 | .00183 | .00006 | .00025 | 1.34   | .00228 |
| %RSD   | 14.263 | 3.8874 | .48541 | .32973 | 3.9046 | .82475 | .45366 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04429 | -.01222 | .37647 | .01702 | .00634 | 161.23 | .50071 |
| #2 | .05423 | -.01291 | .37906 | .01694 | .00670 | 163.12 | .50394 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00699 | .01190 | 273.80 | .29610 | .15337 | .24466 | 342.08 |
| Stddev | .00011 | .00040 | 1.40   | .00015 | .00064 | .00166 | 2.04   |
| %RSD   | 1.5190 | 3.3878 | .51302 | .05145 | .41772 | .67792 | .59664 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00691 | .01161 | 272.80 | .29599 | .15382 | .24348 | 343.52 |
| #2 | .00706 | .01218 | 274.79 | .29621 | .15292 | .24583 | 340.63 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.4442 | 34.453 | .29251 | .00444 | 7.6680 | .52673 | .90896 |
| Stddev | .0013  | .809   | .00044 | .00013 | .0371  | .00038 | .01621 |
| %RSD   | .02915 | .95835 | .14979 | 2.9922 | .48358 | .07146 | 1.7835 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.4433 | 83.880 | .29282 | -.00435 | 7.6418 | .52647 | .92043 |
| #2 | 4.4452 | 85.025 | .29220 | -.00454 | 7.6942 | .52700 | .89750 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.778 | .00560 | .23170 | 10.351 | 1.5496 | .02343 | 3.0553 |
| Stddev | .146   | .00000 | .01515 | .008   | .0067  | .00300 | .0321  |
| %RSD   | .82005 | .04734 | 6.5407 | .07579 | .43275 | 12.813 | .53046 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.675 | .00559 | .24241 | 10.345 | 1.5544 | .02555 | 6.0325 |
| #2 | 17.881 | .00560 | .22098 | 10.356 | 1.5449 | .02131 | 6.0780 |

Sample Name: J3826-03      Acquired: 7/18/2018 14:55:59      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .23100 | .7785  | .28866 | F<.00000 | .38.957 |
| Stddev | .00310 | .017   | .00046 | .34816   | 1.565   |
| %RSD   | 1.3441 | .1683  | .15850 | .30166   | 2.2689  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .22880 | 9.773 | .28834 | -115.17 | 70.064 |
| #2 | .23319 | 9.797 | .28898 | -115.66 | 67.851 |

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | .2561.5 | .30352. | .3179.8 | .77.582 | .2127.1 |
| Stddev    | 2.2     | 112.    | 43.2    | 1.415   | 1.4     |
| %RSD      | .08772  | .18598  | .69964  | 1.8234  | .06757  |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2559.9 | 60273. | 6149.2 | 76.582 | 2128.1 |
| #2 | 2563.0 | 60431. | 6210.3 | 78.582 | 2126.1 |

Sample Name: J3826-03DUP      Acquired: 7/18/2018 15:00:03      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04856 | .01268 | .37244 | .01942 | .00272 | 158.13 | .49044 |
| Stddev | .00065 | .00269 | .00122 | .00263 | .00199 | .91    | .00644 |
| %RSD   | 1.3347 | 21.179 | .32766 | 13.561 | 73.212 | .57506 | 1.3131 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .04902 | -.01078 | .37157 | .02128 | .00414 | 157.49 | .48589 |
| #2 | .04811 | -.01458 | .37330 | .01756 | .00131 | 158.78 | .49500 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00656 | .01051 | 260.25 | .28436 | .15101 | .23734 | 342.61 |
| Stddev | .00005 | .00228 | 4.45   | .00105 | .00030 | .00983 | 16.55  |
| %RSD   | .82800 | 21.658 | 1.7080 | .36985 | .19776 | 4.1402 | 4.8312 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00652 | .00890 | 257.11 | .28510 | .15080 | .23039 | 354.31 |
| #2 | .00660 | .01212 | 263.39 | .28361 | .15122 | .24429 | 330.90 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.3397 | 32.067 | .28463 | .00356 | 7.4604 | .51323 | .91014 |
| Stddev | .0220  | 1.263  | .00063 | .00187 | .1278  | .00273 | .05306 |
| %RSD   | .50608 | 1.5394 | .22079 | 52.552 | 1.7125 | .53117 | 5.8296 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 4.3553 | 81.174 | .28419 | -.00223 | 7.3701 | .51516 | .94766 |
| #2 | 4.3242 | 82.960 | .28508 | -.00488 | 7.5507 | .51131 | .87263 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.339 | .00593 | .23014 | 10.162 | 1.4902 | .02443 | 5.8857 |
| Stddev | .280   | .00014 | .03157 | .068   | .0002  | .00091 | .0908  |
| %RSD   | 1.6155 | 2.4058 | 13.720 | .67170 | .01467 | 3.7363 | 1.5424 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.141 | .00603 | .25246 | 10.114 | 1.4901 | .02379 | 5.8215 |
| #2 | 17.537 | .00583 | .20781 | 10.211 | 1.4904 | .02508 | 5.9499 |

Sample Name: J3826-03DUP      Acquired: 7/18/2018 15:00:03      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .22445 | 9.542  | .27884 | F<00000 | 39.989 |
| Stddev | .00281 | .009   | .00400 | 2.5460  | 2.085  |
| %RSD   | 1.2541 | .0967  | 1.4356 | 2.2009  | 2.9795 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .22246 | 9.548 | .27601 | -117.48 | 68.515 |
| #2 | .22644 | 9.535 | .28167 | -113.88 | 71.464 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2590.4  | 61679.  | 6332.9  | 77.456 | 2162.1 |
| Stddev    | 5.4     | 434.    | 14.3    | 4.735  | 1.6    |
| %RSD      | .21000  | .70304  | .22590  | 6.1134 | .07277 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2586.6 | 61373. | 6343.0 | 74.108 | 2161.0 |
| #2 | 2594.3 | 61986. | 6322.8 | 80.805 | 2163.2 |

Sample Name: J3826-03LX5      Acquired: 7/18/2018 15:04:07      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01317 | .00204 | .07331 | .00607 | .00270 | 33.848 | .11108 |
| Stddev | .00073 | .00156 | .00164 | .00119 | .00150 | .279   | .00423 |
| %RSD   | 5.5450 | 76.685 | 2.2396 | 19.667 | 55.552 | .82319 | 3.8109 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .01265 | -.00314 | .07447 | .00523 | -.00164 | 33.651 | .10808 |
| #2 | .01368 | -.00093 | .07215 | .00692 | -.00376 | 34.045 | .11407 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00149 | .00088 | 33.512 | .06834 | .02796 | .06853 | 36.377 |
| Stddev | .00013 | .00003 | 2.491  | .00088 | .00060 | .00190 | 1.510  |
| %RSD   | 8.4804 | 3.9302 | 3.9224 | 1.2832 | 2.1442 | 2.7690 | 2.2745 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00140 | .00090 | 61.750 | .06772 | .02838 | .06987 | 65.309 |
| #2 | .00158 | .00085 | 65.273 | .06896 | .02754 | .06719 | 67.444 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0482 | 19.154 | .05405 | .00198 | 1.5966 | .11890 | .17893 |
| Stddev | .0042  | .865   | .00037 | .00025 | .0600  | .00036 | .00129 |
| %RSD   | .39618 | 4.5144 | .67624 | 12.450 | 3.7589 | .30556 | .72285 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.0453 | 18.543 | .05431 | -.00180 | 1.5542 | .11864 | .17801 |
| #2 | 1.0511 | 19.766 | .05379 | -.00215 | 1.6390 | .11916 | .17984 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8574 | .00101 | .02426 | 1.8241 | .38269 | .00504 | 1.3740 |
| Stddev | .1026  | .00036 | .00097 | .0103  | .01727 | .00095 | .0579  |
| %RSD   | 2.6608 | 35.636 | 4.0163 | .56385 | 4.5138 | 18.847 | 4.2121 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.7848 | .00127 | .02495 | 1.8314 | .37047 | .00571 | 1.3330 |
| #2 | 3.9300 | .00076 | .02357 | 1.8168 | .39490 | .00437 | 1.4149 |

Sample Name: J3826-03LX5      Acquired: 7/18/2018 15:04:07      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .04987 | 1.745  | .06517 | F<00000 | 18.317 |
| Stddev | .00065 | .024   | .00247 | 1.0460  | 1.617  |
| %RSD   | 1.2957 | 1.379  | 3.7909 | 4.5909  | 8.8286 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .04941 | 1.762 | .06342 | -22.044 | 19.461 |
| #2 | .05033 | 1.728 | .06692 | -23.523 | 17.174 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2313.3  | 55303.  | 5363.4  | 32.738 | 2499.7 |
| Stddev    | 21.5    | 16.     | 135.6   | .726   | 25.6   |
| %RSD      | .93106  | .02882  | 2.5290  | .87802 | 1.0235 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2298.1 | 55291. | 5459.3 | 83.252 | 2481.6 |
| #2 | 2328.5 | 55314. | 5267.5 | 82.224 | 2517.8 |

Sample Name: J3826-03MS      Acquired: 7/18/2018 15:08:18      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73813 | 2.0247 | 1.4150 | 1.7129 | .72612 | 159.62 | .66369 |
| Stddev | .00396 | .0010  | .0012  | .0039  | .00076 | 2.94   | .00157 |
| %RSD   | .53672 | .04952 | .08789 | .22607 | .10494 | 1.8410 | .23694 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .74093 | 2.0240 | 1.4141 | 1.7156 | .72666 | 157.54 | .66480 |
| #2 | .73533 | 2.0254 | 1.4159 | 1.7101 | .72558 | 161.70 | .66257 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18239 | .22335 | 281.10 | .61053 | .36715 | .47504 | 345.39 |
| Stddev | .00124 | .00040 | 1.01   | .00023 | .00057 | .00008 | .99    |
| %RSD   | .68111 | .17786 | .35916 | .03793 | .15556 | .01715 | .28752 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18152 | .22307 | 281.81 | .61070 | .36675 | .47510 | 346.09 |
| #2 | .18327 | .22363 | 280.38 | .61037 | .36756 | .47498 | 344.69 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5015 | 35.148 | .81349 | .06024 | 10.011 | .75761 | 1.1121 |
| Stddev | .0309  | .221   | .00148 | .00054 | .028   | .00216 | .0092  |
| %RSD   | .68608 | .25924 | .18187 | .90293 | .27708 | .28542 | .82579 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.4797 | 85.304 | .81453 | .05986 | 10.031 | .75609 | 1.1186 |
| #2 | 4.5233 | 84.992 | .81244 | .06063 | 9.9915 | .75914 | 1.1056 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.252 | .35212 | .46862 | 10.077 | 2.2586 | .76750 | 3.1237 |
| Stddev | .022   | .00106 | .00719 | .008   | .0229  | .00251 | .0131  |
| %RSD   | .08545 | .29991 | 1.5333 | .07951 | 1.0139 | .32662 | .21337 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 26.268 | .35287 | .47370 | 10.072 | 2.2748 | .76928 | 6.1330 |
| #2 | 26.237 | .35138 | .46354 | 10.083 | 2.2424 | .76573 | 6.1145 |

Sample Name: J3826-03MS      Acquired: 7/18/2018 15:08:18      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .40608 | 15.93  | .45639 | F<00000 | 36.249 |
| Stddev | .00018 | .11    | .00032 | .15343  | .942   |
| %RSD   | .04476 | .6742  | .06983 | .13575  | 1.4226 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .40595 | 15.86 | .45661 | -113.13 | 65.583 |
| #2 | .40621 | 16.01 | .45616 | -112.91 | 66.916 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2596.0  | 31508.  | 3227.0  | 77.094 | 2156.4 |
| Stddev    | 20.7    | 381.    | 81.6    | .831   | 15.0   |
| %RSD      | .79644  | .61952  | 1.3098  | 1.0777 | .69529 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2581.4 | 61778. | 6169.4 | 76.507 | 2145.8 |
| #2 | 2610.6 | 61239. | 6284.7 | 77.682 | 2167.0 |

Sample Name: J3826-03MSD      Acquired: 7/18/2018 15:12:15      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75120 | 2.0445 | 1.4271 | 1.7288 | .73444 | 161.72 | .67075 |
| Stddev | .00235 | .0001  | .0014  | .0088  | .00366 | 2.28   | .00270 |
| %RSD   | .31253 | .00308 | .10158 | .50625 | .49778 | 1.4105 | .40292 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .74954 | 2.0445 | 1.4261 | 1.7226 | .73185 | 160.11 | .66884 |
| #2 | .75286 | 2.0446 | 1.4282 | 1.7350 | .73702 | 163.33 | .67266 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18594 | .22606 | 285.11 | .62235 | .37103 | .48115 | 350.41 |
| Stddev | .00002 | .00035 | 1.06   | .00044 | .00014 | .00118 | .09    |
| %RSD   | .01186 | .15558 | .37338 | .07117 | .03864 | .24579 | .02635 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18593 | .22631 | 284.36 | .62267 | .37113 | .48031 | 350.47 |
| #2 | .18596 | .22582 | 285.86 | .62204 | .37093 | .48199 | 350.34 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5846 | 36.296 | .82400 | .06211 | 10.143 | .77287 | 1.1285 |
| Stddev | .0110  | .577   | .00261 | .00073 | .038   | .00109 | .0138  |
| %RSD   | .23874 | .66831 | .31673 | 1.1732 | .37169 | .14132 | 1.2207 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5769 | 85.888 | .82585 | .06159 | 10.116 | .77364 | 1.1382 |
| #2 | 4.5923 | 86.704 | .82215 | .06262 | 10.169 | .77209 | 1.1187 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.498 | .35711 | .47441 | 10.201 | 2.2902 | .77966 | 3.1983 |
| Stddev | .127   | .00117 | .01035 | .016   | .0149  | .00060 | .0279  |
| %RSD   | .47989 | .32624 | 2.1827 | .15625 | .65176 | .07662 | .45021 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 26.408 | .35629 | .48173 | 10.190 | 2.3007 | .78008 | 6.1785 |
| #2 | 26.588 | .35794 | .46708 | 10.212 | 2.2796 | .77924 | 6.2180 |

Sample Name: J3826-03MSD      Acquired: 7/18/2018 15:12:15      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .40997  | 16.10   | .45995  | F<00000 | 70.156 |
| Stddev    | .00156  | .14     | .00009  | 2.7189  | .944   |
| %RSD      | .38023  | .8863   | .01976  | 2.3686  | 1.3458 |
| #1        | .40886  | 16.00   | .46002  | -112.86 | 70.823 |
| #2        | .41107  | 16.21   | .45989  | -116.71 | 69.488 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2569.4  | 30503.  | 3134.4  | 75.856  | 2134.0 |
| Stddev    | 3.6     | 28.     | 75.4    | 1.168   | .6     |
| %RSD      | .13967  | .04653  | 1.2290  | 1.5394  | .02892 |
| #1        | 2572.0  | 60483.  | 6081.1  | 75.030  | 2133.6 |
| #2        | 2566.9  | 60523.  | 6187.7  | 76.682  | 2134.4 |

Sample Name: J3826-03A      Acquired: 7/18/2018 15:16:12      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75030 | 2.0389 | 1.4222 | 1.7193 | .73046 | 161.66 | .67019 |
| Stddev | .00066 | .0022  | .0032  | .0010  | .00417 | 1.45   | .00440 |
| %RSD   | .08802 | .10557 | .22466 | .05675 | .57057 | .89954 | .65686 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .74983 | 2.0374 | 1.4199 | 1.7200 | .73340 | 160.63 | .66708 |
| #2 | .75076 | 2.0404 | 1.4244 | 1.7186 | .72751 | 162.69 | .67330 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18504 | .22478 | 285.60 | .62245 | .36920 | .48513 | 344.12 |
| Stddev | .00007 | .00102 | 3.16   | .00354 | .00028 | .00501 | 4.82   |
| %RSD   | .03734 | .45569 | 1.1052 | .56915 | .07552 | 1.0318 | 1.3997 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18499 | .22550 | 283.37 | .61994 | .36940 | .48867 | 340.71 |
| #2 | .18508 | .22405 | 287.83 | .62495 | .36900 | .48159 | 347.53 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.5540 | 36.503 | .81774 | .06077 | 10.155 | .76730 | 1.0968 |
| Stddev | .0129  | .431   | .00165 | .00097 | .085   | .00275 | .0092  |
| %RSD   | .28358 | .49809 | .20145 | 1.5919 | .83503 | .35802 | .84198 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.5449 | 86.199 | .81891 | .06009 | 10.095 | .76536 | 1.0902 |
| #2 | 4.5631 | 86.808 | .81658 | .06145 | 10.215 | .76924 | 1.1033 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.481 | .35623 | .47278 | 10.131 | 2.2607 | .77659 | 6.2124 |
| Stddev | .179   | .00136 | .00145 | .005   | .0027  | .00303 | .0520  |
| %RSD   | .67598 | .38284 | .30656 | .04836 | .12037 | .38976 | .83706 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 26.354 | .35720 | .47176 | 10.127 | 2.2626 | .77445 | 6.1756 |
| #2 | 26.607 | .35527 | .47381 | 10.134 | 2.2588 | .77873 | 6.2492 |

Sample Name: J3826-03A      Acquired: 7/18/2018 15:16:12      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .40815 | 16.01  | .45775 | F<00000 | 37.380 |
| Stddev | .00175 | .03    | .00200 | .71656  | .423   |
| %RSD   | .42868 | .1701  | .43672 | .61925  | .62725 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .40938 | 15.99 | .45634 | -115.21 | 67.081 |
| #2 | .40691 | 16.03 | .45916 | -116.22 | 67.679 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2557.5  | 30917.  | 3173.3  | 77.806 | 2128.4 |
| Stddev    | 5.9     | 98.     | 19.8    | .453   | .8     |
| %RSD      | .22889  | .16017  | .32010  | .58282 | .03949 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2553.3 | 60848. | 6159.4 | 78.126 | 2127.8 |
| #2 | 2561.6 | 60986. | 6187.3 | 77.485 | 2129.0 |

Sample Name: J3832-03      Acquired: 7/18/2018 15:20:09      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07118 | .00642 | 1.1522 | .01386 | .00193 | 125.33 | .69169 |
| Stddev | .00019 | .00084 | .0012  | .00159 | .00113 | 1.74   | .00820 |
| %RSD   | .26128 | 13.155 | .10405 | 11.487 | 58.592 | 1.3878 | 1.1850 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .07105 | -.00583 | 1.1514 | .01498 | .00113 | 124.10 | .68590 |
| #2 | .07131 | -.00702 | 1.1531 | .01273 | .00273 | 126.56 | .69749 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00752 | .00988 | 37.243 | .16106 | .12283 | .19865 | .261.38 |
| Stddev | .00006 | .00007 | .508   | .00016 | .00055 | .00280 | 1.80    |
| %RSD   | .74605 | .71703 | 1.3641 | .10187 | .44995 | 1.4101 | .68736  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00756 | .00983 | 36.884 | .16095 | .12323 | .20063 | 260.11 |
| #2 | .00748 | .00993 | 37.602 | .16118 | .12244 | .19667 | 262.65 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.3000 | 38.619 | .24589 | .00387 | 4.9524 | .30220 | .99102 |
| Stddev | .0548  | .439   | .00016 | .00014 | .0340  | .00306 | .00679 |
| %RSD   | .66002 | 1.1369 | .06324 | 3.6396 | .68718 | 1.0125 | .68486 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 8.2613 | 38.308 | .24578 | -.00397 | 4.9284 | .30004 | .99582 |
| #2 | 8.3387 | 38.929 | .24600 | -.00377 | 4.9765 | .30437 | .98622 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.2132 | .00308 | .14473 | 3.6899 | 4.8168 | .11963 | .74011 |
| Stddev | .0685  | .00031 | .00099 | .0031  | .0784  | .00085 | .00983 |
| %RSD   | .94967 | 10.144 | .68094 | .08519 | 1.6267 | .70840 | 1.3284 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.1648 | .00286 | .14403 | 3.6922 | 4.7614 | .11903 | .73316 |
| #2 | 7.2617 | .00330 | .14543 | 3.6877 | 4.8722 | .12023 | .74706 |

Sample Name: J3832-03      Acquired: 7/18/2018 15:20:09      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |        |
|--------|--------|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .16360 | 5.904  | .25374 | F<00000 | 35.526 |
| Stddev | .00263 | .019   | .00258 | 1.0435  | 2.672  |
| %RSD   | 1.6080 | .2735  | 1.0180 | 1.0005  | 4.0781 |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .16174 | 6.918 | .25191 | -105.03 | 67.416 |
| #2 | .16546 | 6.891 | .25557 | -103.56 | 63.637 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2619.7  | 51711.  | 5139.6  | 32.688 | 2414.9 |
| Stddev    | 12.6    | 170.    | 4.9     | .495   | 9.5    |
| %RSD      | .48276  | .27527  | .08051  | .59887 | .39348 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2610.8 | 61831. | 6136.1 | 82.338 | 2408.1 |
| #2 | 2628.7 | 61591. | 6143.1 | 83.038 | 2421.6 |

Sample Name: J4006-02      Acquired: 7/18/2018 15:24:17      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00077 | .00243 | .00015 | .00259 | .00441 | .01782 | .08647 | .00003 |
| Stddev | .00506 | .00163 | .00077 | .00095 | .00113 | .00167 | .00467 | .00003 |
| %RSD   | 658.64 | 67.205 | 502.96 | 36.684 | 25.607 | 9.3561 | 5.4046 | 106.82 |

|    |         |         |         |        |         |        |        |         |
|----|---------|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00435 | -.00127 | .00039  | .00327 | -.00521 | .01664 | .08317 | -.00001 |
| #2 | .00281  | -.00358 | -.00070 | .00192 | -.00362 | .01900 | .08978 | -.00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | 27.520 | .00130 | .00041 | .00272 | .00818 | .11206 | 3.7571 |
| Stddev | .00020 | 1.508  | .00008 | .00004 | .00032 | .00643 | .00132 | .2239  |
| %RSD   | 135.21 | 5.4800 | 6.0393 | 9.9337 | 11.852 | 78.532 | 1.1768 | 5.9583 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | 26.453 | .00135 | .00044 | .00249 | .01273 | .11299 | 3.5988 |
| #2 | -.00028 | 28.586 | .00124 | .00038 | .00294 | .00364 | .11112 | 3.9154 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00099 | .00054 | 142.35 | .00546 | .00921 | 3.6492 | .00810 | .07713 |
| Stddev | .00051 | .00040 | 7.41   | .00025 | .00034 | .1891  | .00011 | .00273 |
| %RSD   | 51.937 | 73.979 | 5.2020 | 4.5439 | 3.7239 | 5.1810 | 1.3594 | 3.5398 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00135 | .00083 | 137.12 | .00564 | .00896 | 3.5155 | .00818 | .07906 |
| #2 | .00062 | .00026 | 147.59 | .00529 | .00945 | 3.7829 | .00802 | .07520 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.6984 | 2.7400 | .00072 | .00009 | .00521 | .0682  | .15372 | 3.4344 |
| Stddev | .0144  | .1042  | .00113 | .00138 | .00190 | .0004  | .00769 | .1508  |
| %RSD   | .38891 | 3.8022 | 157.42 | 1476.3 | 36.400 | .6265  | 5.0004 | 4.3921 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 3.6882 | 2.6664 | .00008  | .00107  | .00387 | .0679 | .14828 | 3.5411 |
| #2 | 3.7086 | 2.8137 | -.00152 | -.00088 | .00655 | .0685 | .15915 | 3.3278 |

Sample Name: J4006-02      Acquired: 7/18/2018 15:24:17      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      3.8584  
 Stddev      1.3937  
 %RSD      36.122

#1      4.8439  
 #2      2.8729

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2152.1  | 50240.  | 5037.3  | 31.369 | 2482.2 |
| Stddev    | 13.3    | 802.    | 175.8   | 1.486  | 15.2   |
| %RSD      | .61992  | 1.5964  | 3.4906  | 1.8269 | .61369 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2142.6 | 49673. | 5161.6 | 82.420 | 2471.4 |
| #2 | 2161.5 | 50808. | 4912.9 | 80.318 | 2493.0 |

Sample Name: J4006-02DUP      Acquired: 7/18/2018 15:28:29      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00197 | .00392 | .00065 | .00581 | .00159 | .01146 | .08796 | .00002 |
| Stddev | .00150 | .00009 | .00067 | .00124 | .00077 | .00010 | .00229 | .00008 |
| %RSD   | 76.211 | 2.3070 | 102.66 | 21.312 | 48.199 | .89199 | 2.6055 | 481.19 |

|    |         |         |        |        |         |        |        |         |
|----|---------|---------|--------|--------|---------|--------|--------|---------|
| #1 | -.00091 | -.00399 | .00113 | .00668 | -.00214 | .01154 | .08634 | -.00004 |
| #2 | -.00304 | -.00386 | .00018 | .00493 | -.00105 | .01139 | .08958 | .00008  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | 27.847 | .00111 | .00023 | .00046 | .01782 | .11051 | 3.7440 |
| Stddev | .00010 | .513   | .00036 | .00020 | .00021 | .00580 | .00044 | .0770  |
| %RSD   | 871.41 | 1.8421 | 32.238 | 88.042 | 44.987 | 32.567 | .39434 | 2.0574 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00008 | 27.484 | .00136 | .00037 | .00061 | .01372 | .11020 | 3.6895 |
| #2 | .00006  | 28.209 | .00086 | .00009 | .00032 | .02192 | .11082 | 3.7985 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00142 | .00041 | 141.91 | .00589 | .00919 | 3.7597 | .00820 | .07926 |
| Stddev | .00004 | .00039 | 1.37   | .00031 | .00047 | .0602  | .00002 | .00271 |
| %RSD   | 2.8752 | 93.681 | .96203 | 5.3444 | 5.1205 | 1.6019 | .29177 | 3.4135 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00139 | .00014 | 140.94 | .00566 | .00886 | 3.7171 | .00818 | .08118 |
| #2 | .00145 | .00068 | 142.87 | .00611 | .00952 | 3.8023 | .00822 | .07735 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7250 | 2.7917 | .00049 | .00013 | .00459 | .0672  | .15793 | 3.0993 |
| Stddev | .0067  | .0197  | .00084 | .00020 | .00074 | .0034  | .00193 | .7927  |
| %RSD   | .18065 | .70680 | 170.39 | 152.91 | 16.055 | 5.075  | 1.2246 | 25.577 |

|    |        |        |         |         |        |       |        |        |
|----|--------|--------|---------|---------|--------|-------|--------|--------|
| #1 | 3.7203 | 2.7777 | -.00108 | .00027  | .00407 | .0648 | .15656 | 3.6598 |
| #2 | 3.7298 | 2.8056 | .00010  | -.00001 | .00511 | .0697 | .15930 | 2.5388 |

Sample Name: J4006-02DUP      Acquired: 7/18/2018 15:28:29      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      4.7304  
Stddev      .9855  
%RSD      20.833

#1      4.0336  
#2      5.4273

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2151.8  | 51102.  | 5038.7  | 30.404 | 2477.4 |
| Stddev    | 2.9     | 386.    | 20.7    | 1.612  | 3.5    |
| %RSD      | .13308  | .75615  | .41094  | 2.0047 | .14051 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2149.7 | 50829. | 5024.1 | 81.544 | 2474.9 |
| #2 | 2153.8 | 51376. | 5053.3 | 79.264 | 2479.8 |

Sample Name: J4006-02LX5      Acquired: 7/18/2018 15:32:42      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00328 | .00139 | .00006 | .00034 | .00208 | .00090 | .01817 | .00001 |
| Stddev | .00357 | .00153 | .00055 | .00160 | .00246 | .00522 | .00087 | .00007 |
| %RSD   | 108.93 | 110.39 | 942.95 | 477.84 | 118.31 | 580.89 | 4.8041 | 909.41 |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00580 | -.00030 | -.00045 | -.00080 | -.00382 | .00279  | .01879 | .00006  |
| #2 | -.00075 | -.00247 | .00033  | .00147  | -.00034 | -.00459 | .01756 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | 5.8084 | .00163 | .00001 | .00073 | .00135 | .02295 | .81453 |
| Stddev | .00002 | .0397  | .00062 | .00005 | .00004 | .00659 | .00007 | .02964 |
| %RSD   | 34.813 | .68279 | 37.975 | 402.12 | 4.8072 | 487.18 | .31177 | 3.6394 |

|    |        |        |        |         |        |         |        |        |
|----|--------|--------|--------|---------|--------|---------|--------|--------|
| #1 | .00008 | 5.8364 | .00206 | -.00005 | .00071 | -.00331 | .02300 | .83550 |
| #2 | .00005 | 5.7803 | .00119 | .00002  | .00076 | .00601  | .02290 | .79357 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00142 | .00111 | 29.425 | .00130 | .00174 | .78701 | .00159 | .00758 |
| Stddev | .00036 | .00033 | .262   | .00043 | .00003 | .00851 | .00015 | .00096 |
| %RSD   | 25.131 | 29.498 | .89141 | 33.340 | 1.6661 | 1.0817 | 9.5335 | 12.612 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00117 | .00134 | 29.611 | .00099 | .00171 | .78099 | .00170 | .00691 |
| #2 | .00168 | .00088 | 29.240 | .00160 | .00176 | .79303 | .00148 | .00826 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .74112 | .61441 | .00115 | .00045 | .00149 | .0190  | .03243 | .94740 |
| Stddev | .00761 | .01737 | .00044 | .00120 | .00008 | .0006  | .00019 | .23976 |
| %RSD   | 1.0269 | 2.8268 | 38.340 | 268.08 | 5.2312 | 3.364  | .59484 | 25.307 |

|    |        |        |        |         |        |       |        |        |
|----|--------|--------|--------|---------|--------|-------|--------|--------|
| #1 | .74651 | .62669 | .00146 | -.00130 | .00143 | .0186 | .03257 | .77787 |
| #2 | .73574 | .60213 | .00084 | .00040  | .00154 | .0195 | .03230 | 1.1169 |

Sample Name: J4006-02LX5      Acquired: 7/18/2018 15:32:42      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.7587 |
| Stddev | .3211  |
| %RSD   | 18.256 |

|    |        |
|----|--------|
| #1 | 1.5317 |
| #2 | 1.9857 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2262.3  | 53726.  | 4991.4  | 30.232 | 2680.6 |
| Stddev    | 7.9     | 334.    | 107.1   | 3.779  | 12.4   |
| %RSD      | .34880  | .62217  | 2.1459  | 4.7106 | .46437 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2256.7 | 53490. | 4915.7 | 77.560 | 2671.8 |
| #2 | 2267.8 | 53962. | 5067.2 | 82.905 | 2689.4 |

Sample Name: CCV03      Acquired: 7/18/2018 15:36:56      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.2047 | 5.0541 | 5.1293 | 5.1087 | 5.2011 | 9.8135 | 10.099 | .25130  |
| Stddev | .0020  | .0161  | .0205  | .0236  | .0180  | .0072  | .061   | .00030  |
| %RSD   | .03872 | .31905 | .39928 | .46253 | .34636 | .07288 | .60860 | .11842  |
| #1     | 5.2061 | 5.0655 | 5.1438 | 5.1254 | 5.2138 | 9.8084 | 10.056 | .25151  |
| #2     | 5.2032 | 5.0427 | 5.1148 | 5.0920 | 5.1883 | 9.8185 | 10.143 | .25109  |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.5273 | 24.602 | .99874 | 2.5569 | 1.2906 | 4.9846 | 2.5102 | 25.017  |
| Stddev | .0095  | .156   | .00312 | .0039  | .0045  | .1198  | .0045  | .268    |
| %RSD   | .37436 | .63251 | .31250 | .15352 | .34648 | 2.4041 | .17948 | 1.0726  |
| #1     | 2.5340 | 24.492 | 1.0009 | 2.5596 | 1.2937 | 5.0694 | 2.5133 | 24.827  |
| #2     | 2.5206 | 24.712 | .99653 | 2.5541 | 1.2874 | 4.8999 | 2.5070 | 25.207  |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.5133 | 1.2565 | 24.550 | 2.5220 | 2.4161 | 24.772 | 5.2003 | 4.8748  |
| Stddev | .0036  | .0009  | .133   | .0032  | .0564  | .247   | .0251  | .0276   |
| %RSD   | .14133 | .07032 | .54196 | .12764 | 2.3336 | .99693 | .48265 | .56613  |
| #1     | 2.5158 | 1.2559 | 24.456 | 2.5243 | 2.4559 | 24.597 | 5.2180 | 4.8553  |
| #2     | 2.5108 | 1.2571 | 24.644 | 2.5197 | 2.3762 | 24.947 | 5.1825 | 4.8944  |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.9682 | 4.8136 | 5.0585 | 4.9700 | 4.9731 | 5.054  | 4.8878 | F2.9259 |
| Stddev | .0025  | .0034  | .0134  | .0288  | .0260  | .013   | .1094  | .0938   |
| %RSD   | .05044 | .07172 | .26440 | .57898 | .52324 | .2564  | 2.2387 | 3.2063  |
| #1     | 4.9699 | 4.8111 | 5.0491 | 4.9496 | 4.9547 | 5.044  | 4.8104 | 2.9923  |
| #2     | 4.9664 | 4.8160 | 5.0680 | 4.9903 | 4.9915 | 5.063  | 4.9652 | 2.8596  |

Sample Name: CCV03      Acquired: 7/18/2018 15:36:56      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 2.5755 |
| Stddev | .5884               |
| %RSD   | 22.847              |

|    |        |
|----|--------|
| #1 | 2.9916 |
| #2 | 2.1594 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2186.2  | 51734.  | 4934.8  | 30.751 | 2430.4 |
| Stddev    | 16.4    | 113.    | 15.0    | 2.048  | 14.1   |
| %RSD      | .74835  | .21875  | .30427  | 2.5360 | .58097 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2174.6 | 51654. | 4945.4 | 79.303 | 2420.4 |
| #2 | 2197.7 | 51814. | 4924.2 | 82.199 | 2440.4 |

Sample Name: LLCCV02      Acquired: 7/18/2018 15:45:35      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01756 | .04040 | .01342 | .01921 | .05020 | .09986 | .10044 |
| Stddev | .00016 | .00124 | .00003 | .00072 | .00014 | .00186 | .00086 |
| %RSD   | .93398 | 3.0753 | .21922 | 3.7537 | .27672 | 1.8675 | .85444 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01744 | .03952 | .01344 | .01972 | .05030 | .10118 | .09983 |
| #2 | .01768 | .04128 | .01340 | .01870 | .05010 | .09854 | .10105 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00621 | .00602 | 1.9917 | .01030 | .02930 | .02330 | .09667 |
| Stddev | .00007 | .00005 | .0229  | .00065 | .00001 | .00005 | .00063 |
| %RSD   | 1.1990 | .74876 | 1.1519 | 6.2637 | .02900 | .19651 | .65359 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00615 | .00599 | 1.9755 | .00985 | .02929 | .02326 | .09622 |
| #2 | .00626 | .00605 | 2.0080 | .01076 | .02931 | .02333 | .09712 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02110 | 1.9894 | .03910 | .01046 | 1.9275 | .04053 | .04154 |
| Stddev | .00019 | .0277  | .00011 | .00015 | .0265  | .00010 | .00121 |
| %RSD   | .90610 | 1.3901 | .27819 | 1.4784 | 1.3762 | .25769 | 2.9179 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02097 | 2.0089 | .03918 | .01057 | 1.9087 | .04046 | .04068 |
| #2 | .02124 | 1.9698 | .03903 | .01035 | 1.9462 | .04061 | .04240 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9636 | .20660 | .08820 | .01869 | .36969 | .03732 | .03874 |
| Stddev | .0253  | .00069 | .00182 | .00038 | .00223 | .00017 | .00111 |
| %RSD   | 1.2877 | .33572 | 2.0647 | 2.0160 | .60301 | .45190 | 2.8656 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9814 | .20611 | .08949 | .01896 | .36811 | .03720 | .03953 |
| #2 | 1.9457 | .20710 | .08691 | .01842 | .37126 | .03744 | .03796 |

Sample Name: LLCCV02      Acquired: 7/18/2018 15:45:35      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .02045 | .0194  | .02068 | F<.00000 | F1.2787 |
| Stddev | .00083 | .0007  | .00012 | .43107   | .2674   |
| %RSD   | 4.0626 | 3.479  | .58234 | 102.36   | 20.911  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .01986 | .0189 | .02059 | -.11633 | 1.4678 |
| #2 | .02104 | .0199 | .02076 | -.72595 | 1.0896 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2310.8  | 54576.  | 5035.6  | 31.920 | 2782.3 |
| Stddev    | 1.4     | 214.    | 2.6     | 2.041  | 2.5    |
| %RSD      | .05911  | .39291  | .05240  | 2.4914 | .09028 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2311.8 | 54425. | 5033.8 | 83.364 | 2780.5 |
| #2 | 2309.9 | 54728. | 5037.5 | 80.477 | 2784.0 |

Sample Name: CCB03      Acquired: 7/18/2018 15:49:52      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .00268 | .00146 | .00016 | .00200 | .00095 | .01274 | .00095 | .00000 |
| Stddev | .00335 | .00013 | .00058 | .00024 | .00112 | .00470 | .00053 | .0000  |
| %RSD   | 124.79 | 9.0060 | 368.10 | 11.997 | 118.03 | 36.912 | 55.265 | 141.97 |

|    |         |         |         |        |         |         |         |        |
|----|---------|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00032 | -.00156 | .00025  | .00217 | -.00016 | -.01607 | -.00058 | .00000 |
| #2 | -.00505 | -.00137 | -.00057 | .00183 | -.00175 | -.00942 | -.00133 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | .01214 | .00019 | .00016 | .00033 | .01787 | .00001 | .02104 |
| Stddev | .00001 | .00873 | .00041 | .00018 | .00008 | .00466 | .00008 | .00585 |
| %RSD   | 7.1052 | 71.934 | 219.71 | 114.85 | 24.626 | 26.057 | 850.52 | 27.783 |

|    |        |        |         |        |        |         |         |         |
|----|--------|--------|---------|--------|--------|---------|---------|---------|
| #1 | .00012 | .01831 | -.00010 | .00003 | .00039 | -.02116 | .00005  | -.01691 |
| #2 | .00014 | .00596 | .00048  | .00028 | .00027 | -.01458 | -.00007 | -.02517 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00046 | .10312 | .00027 | .00008 | .01601 | .00006 | .01241 |
| Stddev | .0003  | .00009 | .00538 | .00020 | .00009 | .02082 | .00014 | .00047 |
| %RSD   | 8687.0 | 19.994 | 5.2146 | 75.183 | 122.54 | 130.08 | 218.17 | 3.7748 |

|    |         |        |         |        |        |        |         |         |
|----|---------|--------|---------|--------|--------|--------|---------|---------|
| #1 | .00018  | .00053 | -.10692 | .00041 | .00001 | .03073 | .00003  | -.01208 |
| #2 | -.00019 | .00040 | -.09932 | .00012 | .00014 | .00128 | -.00016 | -.01274 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00152 | .00240 | .00046 | .00092 | .00083 | .0020  | .00001 | F1.0936 |
| Stddev | .00296 | .00108 | .00012 | .00164 | .00021 | .0022  | .00001 | .4921   |
| %RSD   | 194.44 | 45.020 | 26.959 | 177.81 | 24.888 | 110.5  | 43.942 | 45.000  |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00057  | .00316 | .00055 | .00208  | .00098 | -.0035 | .00001 | .74559 |
| #2 | -.00362 | .00163 | .00037 | -.00024 | .00068 | -.0004 | .00002 | 1.4415 |

Sample Name: CCB03      Acquired: 7/18/2018 15:49:52      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F1.1214  
Stddev      1.4683  
%RSD      130.93

#1      .08319  
#2      2.1597

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2235.6  | 53216.  | 4876.3  | 79.718 | 2716.6 |
| Stddev    | 17.9    | 66.     | 7.5     | .900   | 12.0   |
| %RSD      | .79956  | .12394  | .15457  | 1.1289 | .44071 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2223.0 | 53263. | 4881.7 | 80.355 | 2708.2 |
| #2 | 2248.2 | 53170. | 4871.0 | 79.082 | 2725.1 |

Sample Name: J4006-02MS      Acquired: 7/18/2018 16:01:44      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .83930 | 1.9606 | 1.0004 | 2.0250 | .84094 | 2.0447 | 29880  | 20261  | 20163  |
| Stddev | .00077 | .0015  | .0012  | .0001  | .00768 | .0310  | .01115 | .00022 | .00007 |
| %RSD   | .09194 | .07780 | .11663 | .00602 | .91360 | 1.5155 | 3.7327 | .10765 | .03424 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .83876 | 1.9595 | 1.0012 | 2.0250 | .83551 | 2.0228 | .29091 | .20276 | .20158 |
| #2 | .83985 | 1.9617 | .99958 | 2.0251 | .84637 | 2.0667 | .30668 | .20245 | .20168 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 29.903 | 41560  | 20778  | 31653  | 3.0411 | 32344  | 5.8311 | 50853  | 07308  |
| Stddev | 1.269  | .00225 | .00016 | .00094 | .0763  | .00034 | .2251  | .00051 | .00096 |
| %RSD   | 4.2452 | .54102 | .07922 | .29633 | 2.5089 | .10612 | 3.8602 | .09975 | 1.3145 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 29.005 | .41719 | .20790 | .31587 | 2.9872 | .32320 | 5.6719 | .50889 | .07376 |
| #2 | 30.801 | .41401 | .20766 | .31719 | 3.0951 | .32368 | 5.9903 | .50817 | .07240 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 151.96 | 32627  | 20744  | 13.993 | 45101  | 37327  | 3.8853 | 3.8030 | 69494  |
| Stddev | 5.14   | .00188 | .00260 | .540   | .00397 | .01875 | .0082  | .0698  | .00313 |
| %RSD   | 3.3825 | .57591 | 1.2524 | 3.8570 | .88091 | 5.0242 | .21108 | 1.8361 | .45071 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 148.33 | .32760 | .20560 | 13.612 | .44820 | .36001 | 3.8795 | 3.7537 | .69716 |
| #2 | 155.60 | .32494 | .20928 | 14.375 | .45382 | .38653 | 3.8911 | 3.8524 | .69273 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19930  | 20821  | 5.977  | 36018  | 4.5525 | 7.1925 |
| Stddev | .00595 | .00778 | .003   | .01016 | .4439  | 1.0531 |
| %RSD   | 2.9850 | 3.7349 | .0434  | 2.8201 | 9.7495 | 14.642 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .19510 | .20271 | 5.975 | .35300 | 4.2387 | 6.4478 |
| #2 | .20351 | .21370 | 5.978 | .36737 | 4.8664 | 7.9371 |

Sample Name: J4006-02MS      Acquired: 7/18/2018 16:01:44      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2098.5  | 49728.  | 4870.8  | 78.217 | 2389.0 |
| Stddev    | 3.4     | 406.    | 82.3    | .773   | 7.2    |
| %RSD      | .15988  | .81647  | 1.6890  | .98771 | .30090 |
| #1        | 2096.2  | 49441.  | 4929.0  | 78.763 | 2383.9 |
| #2        | 2100.9  | 50015.  | 4812.7  | 77.671 | 2394.1 |

Sample Name: J4006-02MSD      Acquired: 7/18/2018 16:05:37      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .82781 | 1.9331 | .98979 | 2.0023 | .83853 | 2.0322 | .30248 | .20269 | .19985 |
| Stddev | .00368 | .0016  | .00084 | .0026  | .00666 | .0307  | .00340 | .00016 | .00054 |
| %RSD   | .44457 | .08157 | .08477 | .12958 | .79390 | 1.5118 | 1.1255 | .08066 | .26770 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .83041 | 1.9342 | .98919 | 2.0005 | .84323 | 2.0105 | .30008 | .20257 | .19948 |
| #2 | .82521 | 1.9320 | .99038 | 2.0041 | .83382 | 2.0539 | .30489 | .20281 | .20023 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.057 | .41566 | .20575 | .31308 | 3.1624 | .31941 | 5.9251 | .50212 | .07285 |
| Stddev | .406   | .00154 | .00070 | .00019 | .1118  | .00123 | .1499  | .00115 | .00039 |
| %RSD   | 1.3491 | .37105 | .34252 | .05937 | 3.5367 | .38365 | 2.5299 | .22928 | .53665 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 29.771 | .41456 | .20624 | .31295 | 3.0834 | .31855 | 5.8191 | .50293 | .07258 |
| #2 | 30.344 | .41675 | .20525 | .31322 | 3.2415 | .32028 | 6.0311 | .50130 | .07313 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 151.41 | .32447 | .21118 | 14.206 | .44664 | .36470 | 3.8288 | 3.7843 | .69096 |
| Stddev | 1.69   | .00193 | .00338 | .194   | .00220 | .00001 | .0076  | .0068  | .00386 |
| %RSD   | 1.1180 | .59368 | 1.6010 | 1.3691 | .49159 | .00312 | .19903 | .17984 | .55866 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 150.21 | .32584 | .20878 | 14.069 | .44819 | .36471 | 3.8342 | 3.7795 | .69369 |
| #2 | 152.60 | .32311 | .21357 | 14.344 | .44508 | .36470 | 3.8235 | 3.7891 | .68823 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20223 | .21120 | 5.917  | 35832  | 3.9081 | 5.9710 |
| Stddev | .00274 | .00218 | .007   | .00293 | .2369  | 2.1484 |
| %RSD   | 1.3558 | 1.0310 | .1269  | .81777 | 6.0608 | 35.980 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .20029 | .20966 | 5.922 | .35624 | 3.7406 | 7.4902 |
| #2 | .20417 | .21274 | 5.911 | .36039 | 4.0756 | 4.4519 |

Sample Name: J4006-02MSD      Acquired: 7/18/2018 16:05:37      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2129.3  | 50762.  | 4918.1  | 77.576 | 2427.8 |
| Stddev    | 1.9     | 3.      | 6.9     | 1.408  | .1     |
| %RSD      | .09005  | .00507  | .14090  | 1.8147 | .00457 |
| #1        | 2127.9  | 50760.  | 4913.2  | 78.571 | 2427.9 |
| #2        | 2130.6  | 50764.  | 4923.0  | 76.580 | 2427.7 |

Sample Name: J4006-02A      Acquired: 7/18/2018 16:09:42      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | .83927 | 1.9378 | .98940 | 2.0129 | .83682 | 2.0433 | .30196 | .20293 | .19964 |
| Stddev | .00408 | .0024  | .00147 | .0088  | .00068 | .0263  | .00496 | .00042 | .00013 |
| %RSD   | .48596 | .12594 | .14883 | .43568 | .08163 | 1.2863 | 1.6419 | .20571 | .06547 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84215 | 1.9361 | .98836 | 2.0191 | .83730 | 2.0247 | .29846 | .20264 | .19974 |
| #2 | .83639 | 1.9395 | .99044 | 2.0067 | .83634 | 2.0619 | .30547 | .20323 | .19955 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 30.056 | .41367 | .20598 | .31344 | 2.9906 | .32014 | 5.9021 | .50347 | .07325 |
| Stddev | .616   | .00159 | .00010 | .00077 | .0283  | .00055 | .1882  | .00044 | .00006 |
| %RSD   | 2.0504 | .38509 | .05071 | .24640 | .94468 | .17191 | 3.1890 | .08743 | .08798 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 29.620 | .41255 | .20590 | .31289 | 2.9706 | .31975 | 5.7690 | .50378 | .07329 |
| #2 | 30.492 | .41480 | .20605 | .31398 | 3.0106 | .32053 | 6.0352 | .50316 | .07320 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 151.37 | .32495 | .20159 | 14.200 | .44777 | .37711 | 3.8205 | 3.8113 | .69085 |
| Stddev | 2.63   | .00018 | .00055 | .218   | .00064 | .01489 | .0205  | .0297  | .00160 |
| %RSD   | 1.7385 | .05531 | .27496 | 1.5330 | .14356 | 3.9497 | .53799 | .77953 | .23166 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 149.51 | .32507 | .20120 | 14.046 | .44822 | .36658 | 3.8350 | 3.7903 | .69198 |
| #2 | 153.23 | .32482 | .20198 | 14.354 | .44731 | .38764 | 3.8060 | 3.8323 | .68972 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20114 | .21241 | 5.920  | .36403 | 2.7962 | 7.2759 |
| Stddev | .00325 | .00612 | .003   | .00545 | .2135  | 1.9430 |
| %RSD   | 1.6160 | 2.8815 | .0429  | 1.4976 | 7.6365 | 26.704 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .19884 | .20809 | 5.918 | .36017 | 2.6452 | 8.6498 |
| #2 | .20344 | .21674 | 5.922 | .36788 | 2.9472 | 5.9020 |

Sample Name: J4006-02A      Acquired: 7/18/2018 16:09:42      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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       | 2126.4  | 50725.  | 4876.1  | 31.262 | 2425.6 |
| Stddev    | 16.8    | 141.    | 28.7    | .334   | 18.5   |
| %RSD      | .78989  | .27835  | .58790  | .41040 | .76095 |
| #1        | 2114.5  | 50625.  | 4896.3  | 81.026 | 2412.6 |
| #2        | 2138.2  | 50825.  | 4855.8  | 81.497 | 2438.7 |

Sample Name: CCV04      Acquired: 7/18/2018 16:13:46      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      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    | 5.1659 | 5.0222 | 5.1215 | 5.0903 | 5.2079 | 3.7760 | 3.9037 | .24978   |
| Stddev | .0024  | .0056  | .0091  | .0172  | .0260  | .0975  | .0982  | .00073   |
| %RSD   | .04718 | .11131 | .17794 | .33781 | .49907 | .99770 | .99178 | .29357   |
| #1     | 5.1676 | 5.0182 | 5.1151 | 5.1024 | 5.2263 | 9.7070 | 9.8342 | .24926   |
| #2     | 5.1641 | 5.0261 | 5.1280 | 5.0781 | 5.1895 | 9.8449 | 9.9731 | .25030   |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.5213 | 24.080 | .97209 | 2.5452 | 1.2778 | 5.1770 | 2.4897 | 24.465   |
| Stddev | .0062  | .421   | .00626 | .0053  | .0033  | .2756  | .0041  | .331     |
| %RSD   | .24408 | 1.7480 | .64365 | .20875 | .25989 | 5.3234 | .16626 | 1.3512   |
| #1     | 2.5169 | 23.782 | .96766 | 2.5415 | 1.2801 | 4.9821 | 2.4868 | 24.232   |
| #2     | 2.5256 | 24.377 | .97651 | 2.5490 | 1.2754 | 5.3719 | 2.4927 | 24.699   |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 2.4967 | 1.2300 | 23.862 | 2.4845 | 2.4963 | 24.458 | 5.1534 | 4.8100   |
| Stddev | .0064  | .0013  | .258   | .0021  | .1070  | .307   | .0115  | .0679    |
| %RSD   | .25466 | .10890 | 1.0812 | .08628 | 4.2865 | 1.2561 | .22315 | 1.4117   |
| #1     | 2.4922 | 1.2290 | 23.679 | 2.4860 | 2.4207 | 24.240 | 5.1615 | 4.7620   |
| #2     | 2.5012 | 1.2309 | 24.044 | 2.4830 | 2.5720 | 24.675 | 5.1453 | 4.8580   |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.9400 | 4.7809 | 4.9898 | 4.8136 | 4.8691 | 5.026  | 4.9548 | F 3.7165 |
| Stddev | .0022  | .0492  | .0106  | .0678  | .0554  | .011   | .0523  | .2839    |
| %RSD   | .04528 | 1.0287 | .21186 | 1.4080 | 1.1374 | .2244  | 1.0553 | 7.6395   |
| #1     | 4.9415 | 4.7461 | 4.9823 | 4.7656 | 4.8300 | 5.018  | 4.9178 | 3.9172   |
| #2     | 4.9384 | 4.8157 | 4.9973 | 4.8615 | 4.9083 | 5.034  | 4.9918 | 3.5157   |

Sample Name: CCV04      Acquired: 7/18/2018 16:13:46      Type: Unk  
Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      ~~F~~2.9279  
Stddev      .0391  
%RSD      1.3367

#1      2.9002  
#2      2.9556

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2206.0  | 52063.  | 4984.9  | 78.419 | 2449.2 |
| Stddev    | 11.1    | 105.    | 31.1    | 3.067  | 4.6    |
| %RSD      | .50441  | .20261  | .62395  | 3.9116 | .18801 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2198.1 | 51988. | 5006.9 | 80.588 | 2445.9 |
| #2 | 2213.9 | 52138. | 4962.9 | 76.250 | 2452.4 |

Sample Name: CCB04      Acquired: 7/18/2018 16:17:43      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |         |         |         |         |         |
|--------|--------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00086 | -.00150 | -.00111 | -.00116 | -.00192 | -.00291 | -.00063 |
| Stddev | .00087 | .00085  | .00094  | .00353  | .00035  | .00469  | .00070  |
| %RSD   | 101.11 | 56.754  | 84.264  | 303.77  | 18.335  | 161.11  | 110.48  |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00148 | -.00211 | -.00177 | .00133  | -.00167 | -.00623 | -.00113 |
| #2 | .00025 | -.00090 | -.00045 | -.00365 | -.00216 | .00041  | -.00014 |

|        |        |        |         |         |         |        |         |
|--------|--------|--------|---------|---------|---------|--------|---------|
| Elem   | Be2348 | Cd2265 | Ca3736  | Cr2677  | Co2286  | Cu2247 | Fe2404  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00001 | .00008 | -.00668 | -.00012 | -.00018 | .00048 | -.00840 |
| Stddev | .00002 | .00003 | .02136  | .00048  | .00000  | .00004 | .00455  |
| %RSD   | 231.21 | 38.193 | 319.76  | 395.11  | 2.4695  | 8.6078 | 54.212  |

|    |        |        |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|--------|---------|
| #1 | .00002 | .00005 | .00842  | -.00046 | -.00018 | .00045 | -.00518 |
| #2 | .00000 | .00010 | -.02178 | .00022  | -.00018 | .00051 | -.01162 |

|        |         |         |        |        |         |        |         |
|--------|---------|---------|--------|--------|---------|--------|---------|
| Elem   | Mn2576  | Mg2790  | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138  |
| Units  | ppm     | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     |
| Avg    | -.00002 | -.01678 | .00036 | .00041 | -.07613 | .00006 | -.00011 |
| Stddev | .00002  | .01547  | .00071 | .00093 | .00171  | .00066 | .00001  |
| %RSD   | 128.56  | 92.176  | 194.68 | 226.76 | 2.2429  | 1021.4 | 13.646  |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | .00000  | -.00584 | -.00014 | -.00025 | -.07492 | -.00040 | -.00010 |
| #2 | -.00003 | -.02772 | .00086  | .00107  | -.07734 | .00053  | -.00012 |

|        |        |        |         |         |        |         |         |
|--------|--------|--------|---------|---------|--------|---------|---------|
| Elem   | K_7664 | Mo2020 | B_2496  | S_1820  | Si2881 | Sn1899  | Ti3361  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     |
| Avg    | .00013 | .00004 | -.00677 | -.00100 | .00334 | -.00012 | -.00020 |
| Stddev | .02081 | .00032 | .00031  | .00370  | .00094 | .00059  | .00013  |
| %RSD   | 15794. | 809.00 | 4.5133  | 369.41  | 28.224 | 482.42  | 61.645  |

|    |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.01459 | -.00019 | -.00656 | -.00362 | .00401 | .00029  | -.00011 |
| #2 | .01485  | .00027  | -.00699 | .00161  | .00268 | -.00054 | -.00029 |

Sample Name: CCB04      Acquired: 7/18/2018 16:17:43      Type: Unk  
 Method: P4-ICP2(v2309)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |          |
|--------|--------|--------|--------|----------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm      |
| Avg    | .00136 | .0005  | .00005 | F<.00000 | F<.00000 |
| Stddev | .00035 | .0007  | .00001 | .21569   | .66421   |
| %RSD   | 25.997 | 137.0  | 11.896 | 28.427   | 683.60   |

|    |        |       |         |         |         |
|----|--------|-------|---------|---------|---------|
| #1 | .00161 | .0000 | -.00004 | -.91126 | .37251  |
| #2 | .00111 | .0009 | -.00005 | -.60623 | -.56683 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2277.2  | 54252.  | 4984.5  | 32.852 | 2777.0 |
| Stddev    | 5.3     | 46.     | 14.3    | 1.167  | 4.9    |
| %RSD      | .23201  | .08398  | .28695  | 1.4082 | .17487 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2273.5 | 54220. | 4974.4 | 82.027 | 2773.5 |
| #2 | 2280.9 | 54284. | 4994.6 | 83.677 | 2780.4 |