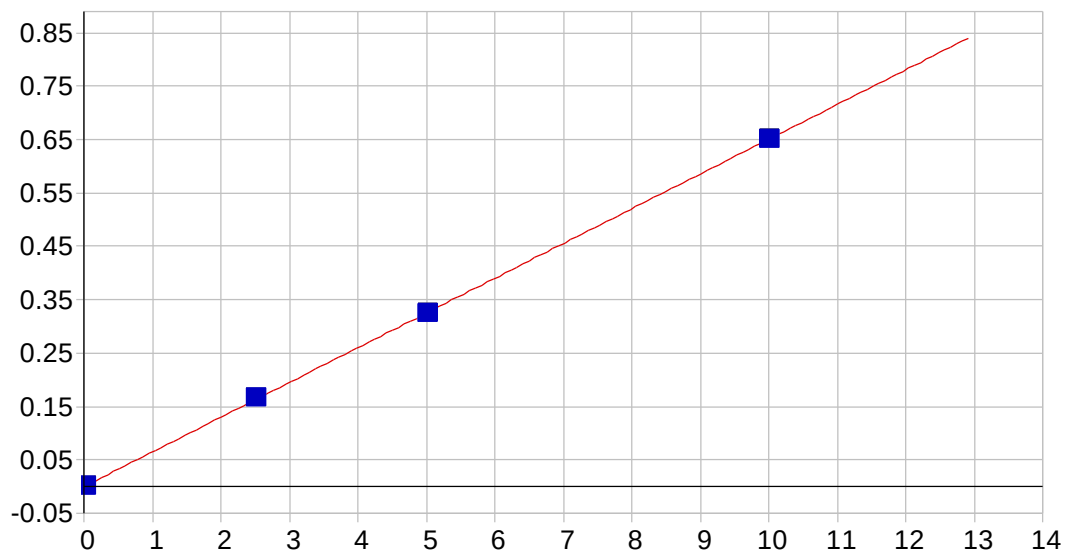




As 189.042 {478}

Date of Fit: 1/4/2018 10:54:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000229

Re-Slope: 1.000000

A1 (Gain): 0.065089

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999958

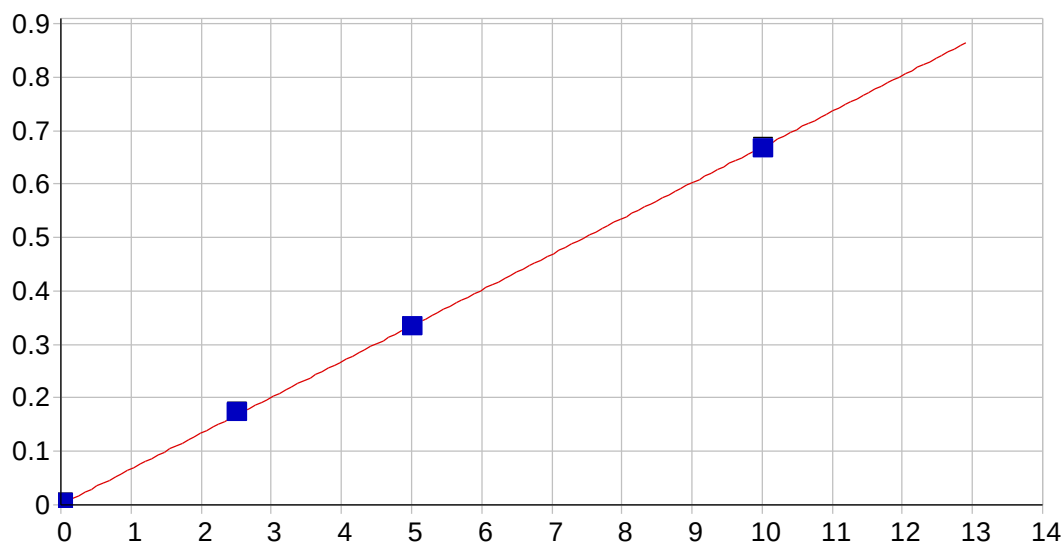
Status: OK.

Std Error of Est: 0.000014

Predicted MDL: 0.003992

Predicted MQL: 0.013307

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00023 | .000    | 1        |
| S1        | .02000       | .01858      | -.001      | -7.08   | .00100  | .000    | 1        |
| S3        | 2.5000       | 2.5538      | .054       | 2.15    | .16622  | .000    | 1        |
| S4        | 5.0000       | 4.9728      | -.027      | -.544   | .32390  | .001    | 1        |
| S5        | 10.000       | 9.9748      | -.025      | -.252   | .64993  | .000    | 1        |



As 189.042 {479}

Date of Fit: 1/4/2018 10:54:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000102

Re-Slope: 1.000000

A1 (Gain): 0.066941

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999917

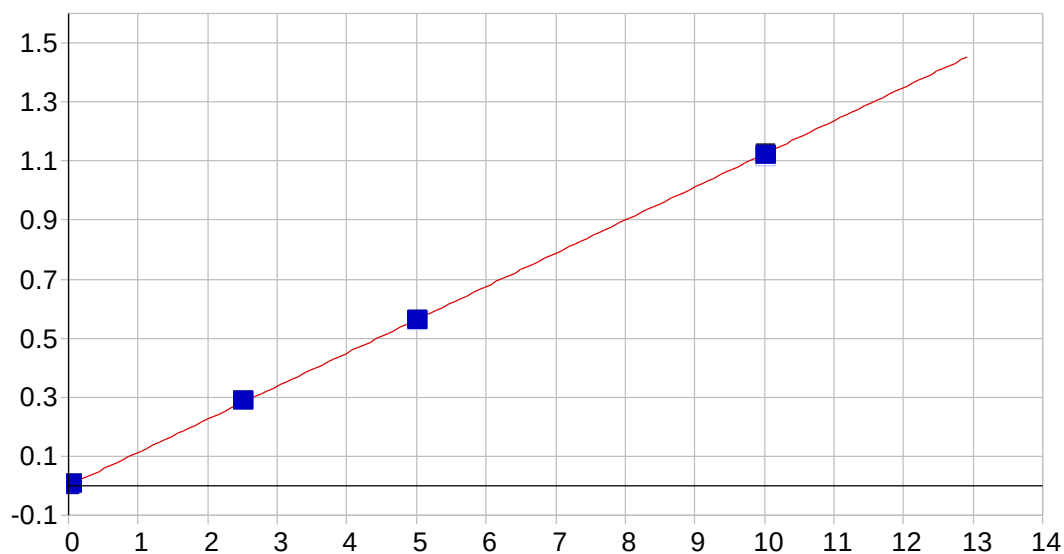
Status: OK.

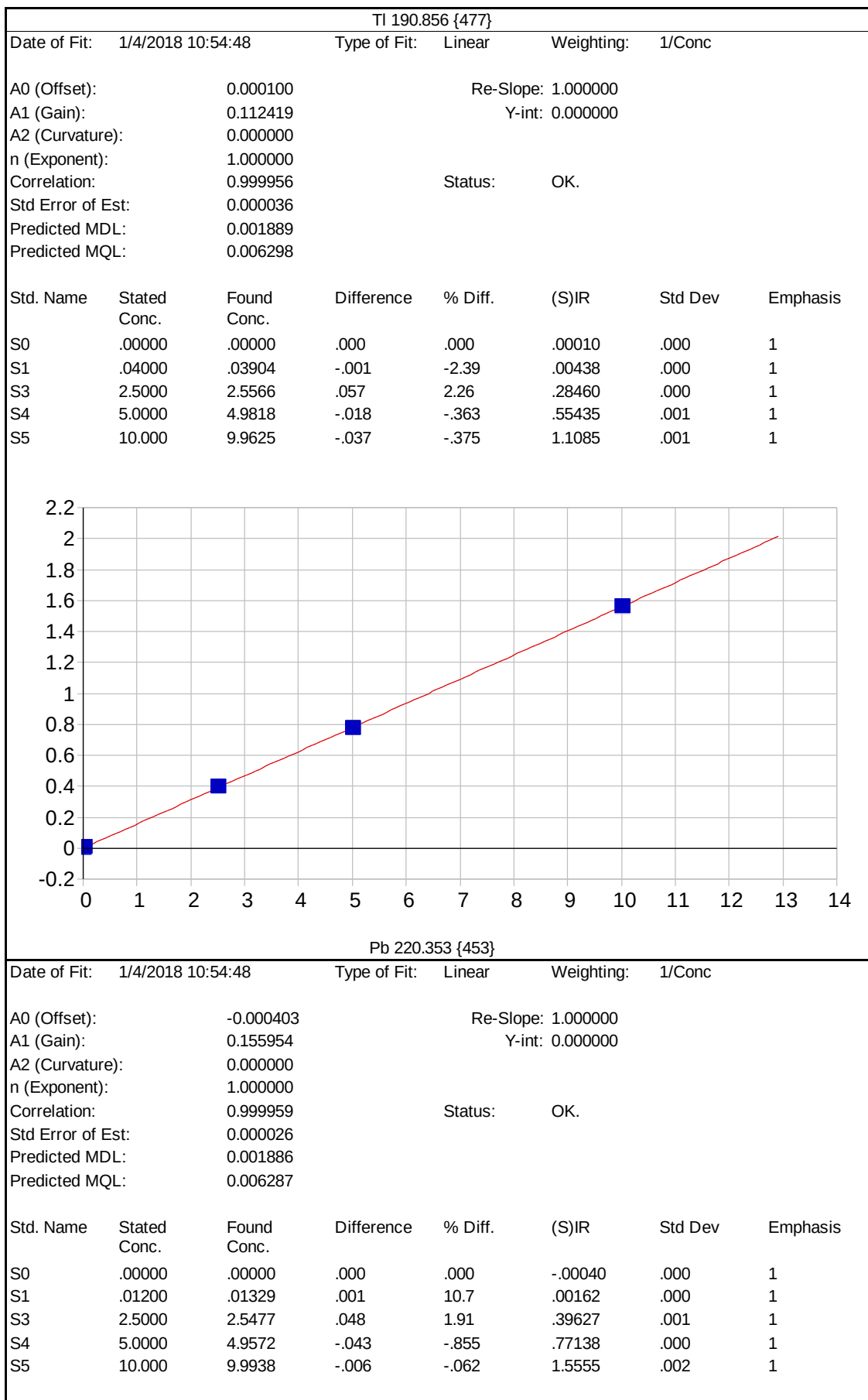
Std Error of Est: 0.000021

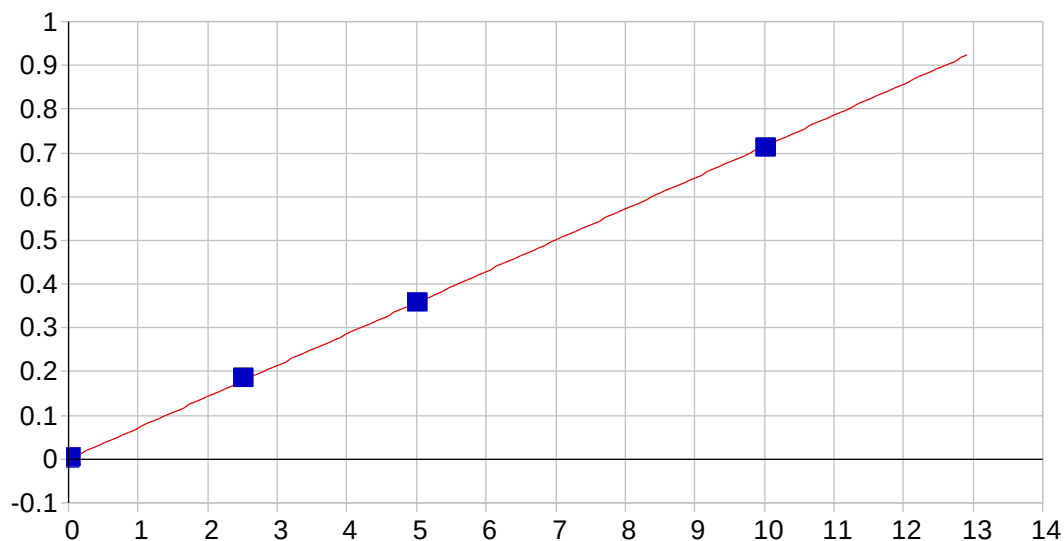
Predicted MDL: 0.003099

Predicted MQL: 0.010329

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00010 | .000    | 1        |
| S1        | .02000       | .01944      | -.001      | -2.80   | .00142 | .000    | 1        |
| S3        | 2.5000       | 2.5791      | .079       | 3.16    | .17298 | .000    | 1        |
| S4        | 5.0000       | 4.9768      | -.023      | -.464   | .33372 | .000    | 1        |
| S5        | 10.000       | 9.9447      | -.055      | -.553   | .66673 | .001    | 1        |







Se 196.090 {472}

Date of Fit: 1/4/2018 10:54:48

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000060

Re-Slope: 1.000000

A1 (Gain): 0.071462

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999899

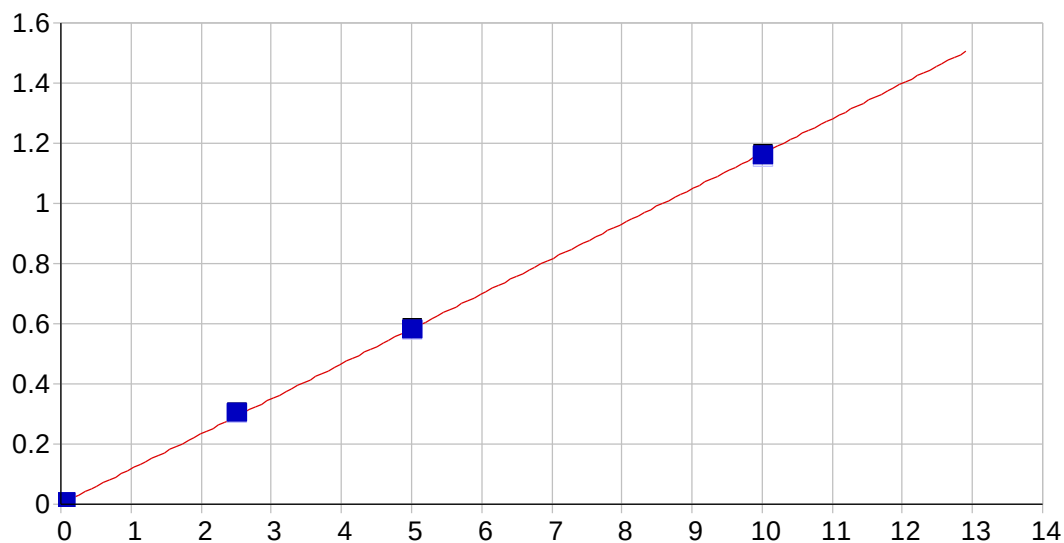
Status: OK.

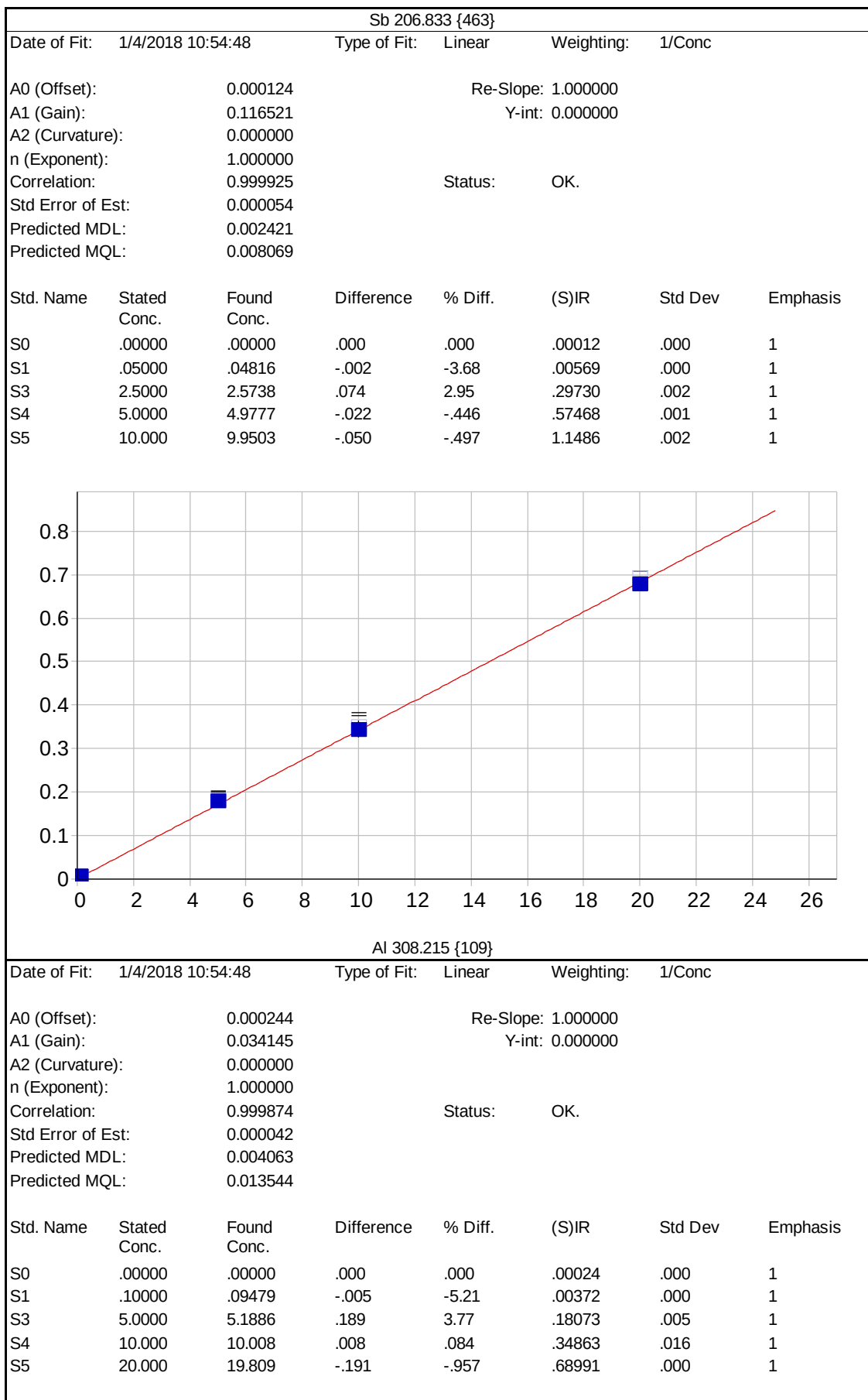
Std Error of Est: 0.000025

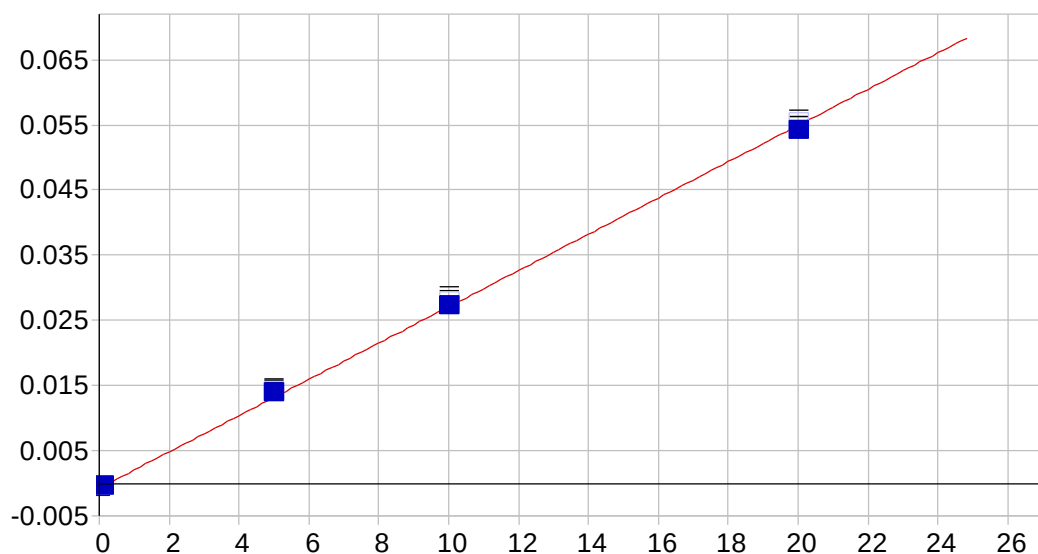
Predicted MDL: 0.003687

Predicted MQL: 0.012291

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00006 | .000    | 1        |
| S1        | .02000       | .02180      | .002       | 8.99    | .00162 | .000    | 1        |
| S3        | 2.5000       | 2.5841      | .084       | 3.36    | .18482 | .000    | 1        |
| S4        | 5.0000       | 4.9853      | -.015      | -.293   | .35653 | .001    | 1        |
| S5        | 10.000       | 9.9288      | -.071      | -.712   | .71000 | .001    | 1        |







Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000753

Re-Slope: 1.000000

A1 (Gain): 0.002783

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999751

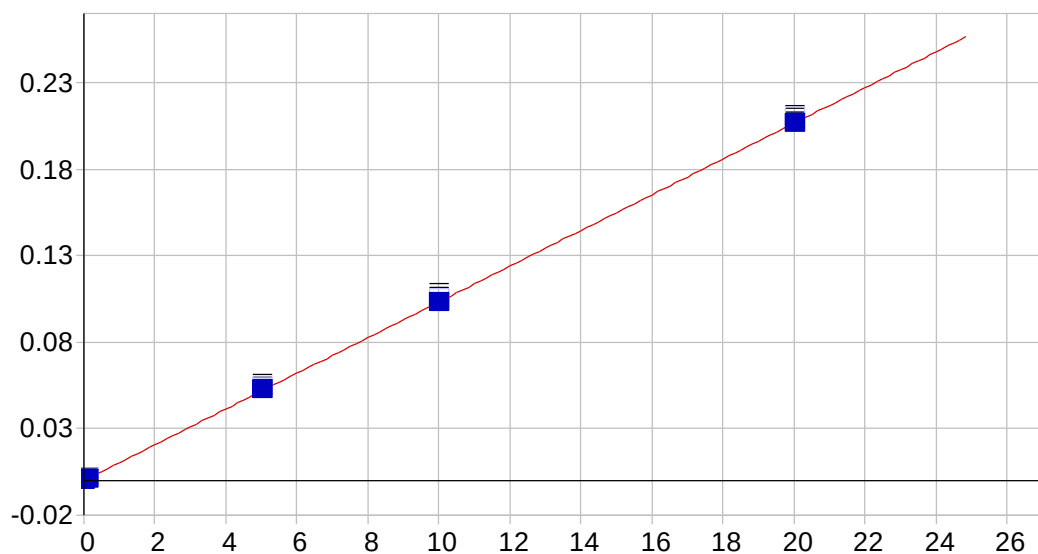
Status: OK.

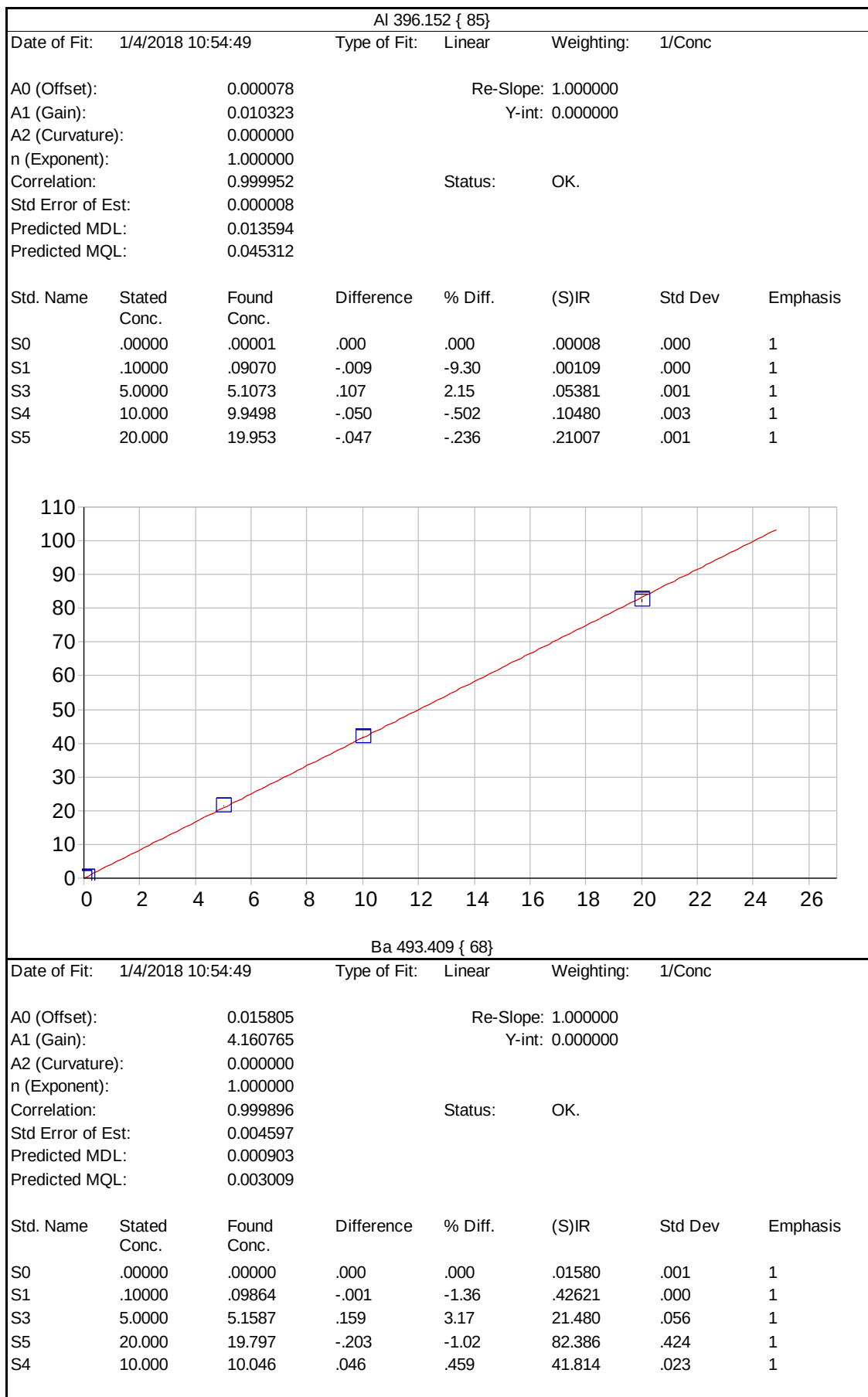
Std Error of Est: 0.000005

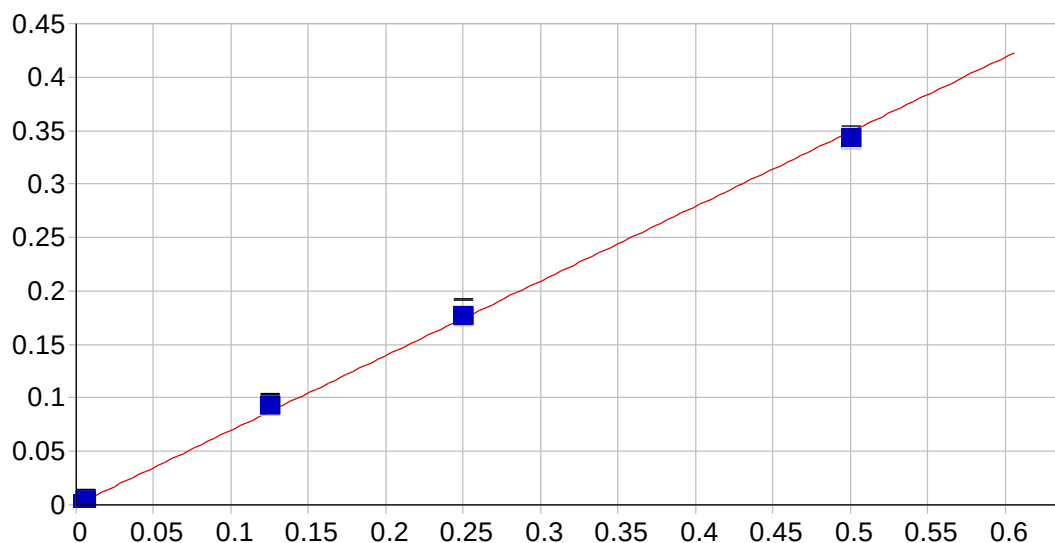
Predicted MDL: 0.033470

Predicted MQL: 0.111568

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00075 | .000    | 1        |
| S1        | .10000       | .08649      | -.014      | -13.5   | -.00049 | .000    | 1        |
| S3        | 5.0000       | 5.2511      | .251       | 5.02    | .01413  | .000    | 1        |
| S4        | 10.000       | 10.033      | .033       | .334    | .02771  | .001    | 1        |
| S5        | 20.000       | 19.730      | -.270      | -1.35   | .05524  | .000    | 1        |







Be 234.861 {144}

Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000037

Re-Slope: 1.000000

A1 (Gain): 0.697421

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999699

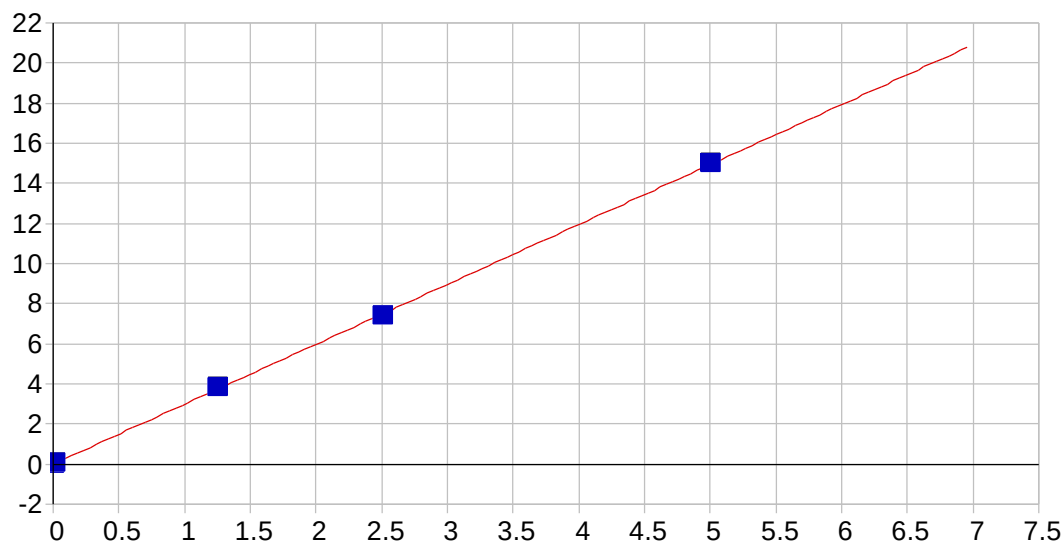
Status: OK.

Std Error of Est: 0.000050

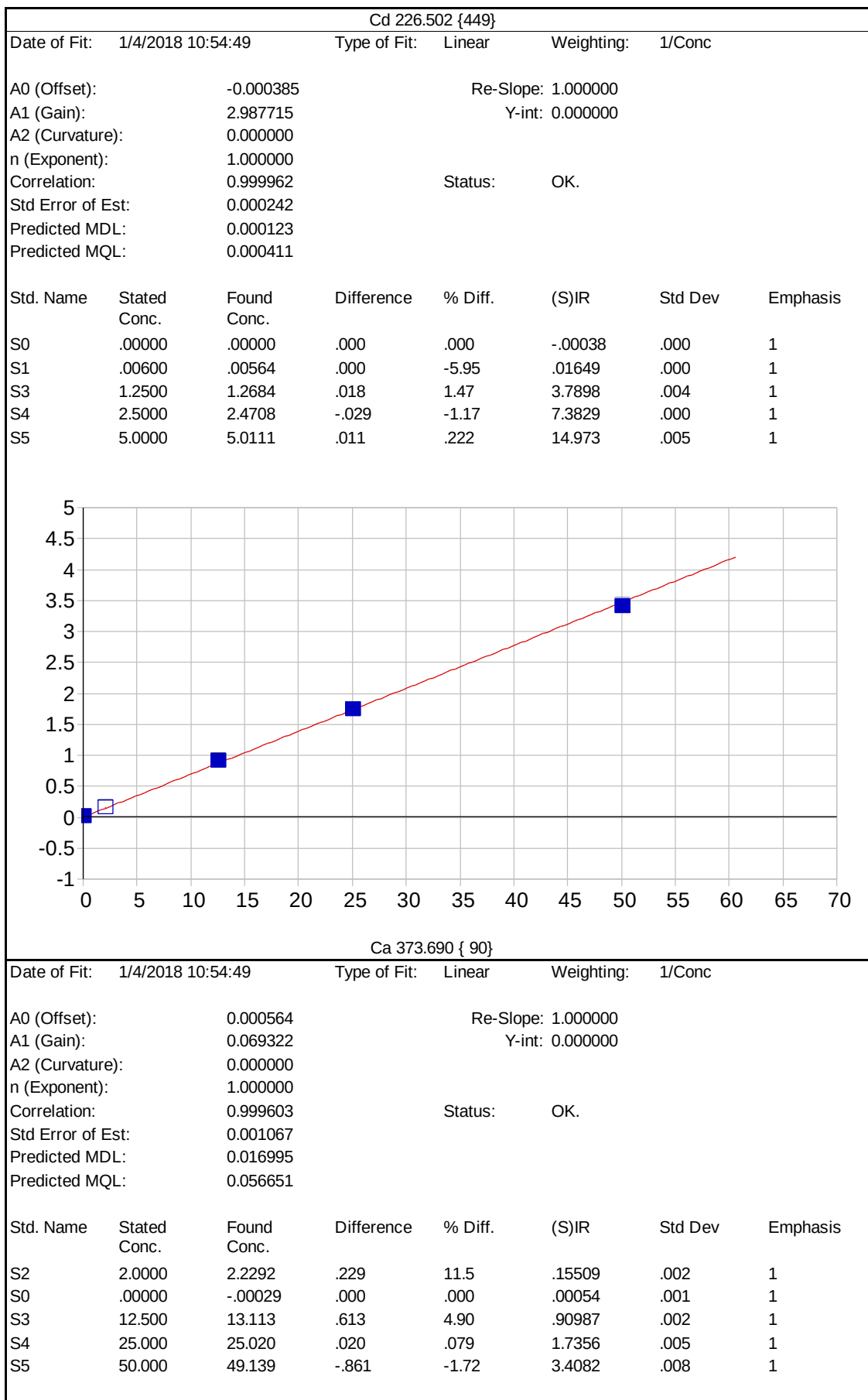
Predicted MDL: 0.000099

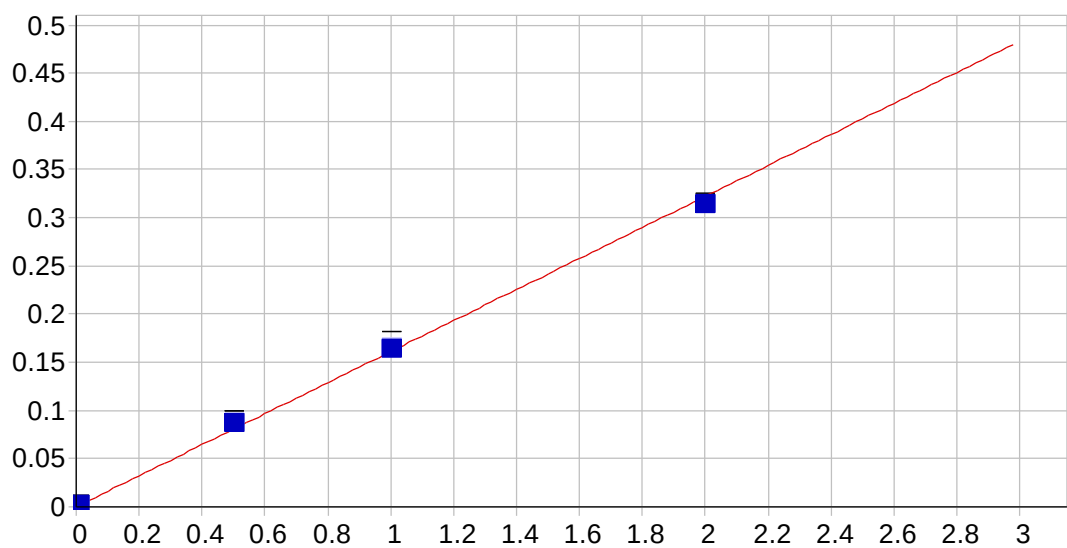
Predicted MQL: 0.000328

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00004 | .000    | 1        |
| S1        | .00600       | .00593      | .000       | -1.18   | .00413 | .000    | 1        |
| S3        | .12500       | .13164      | .007       | 5.32    | .09128 | .002    | 1        |
| S4        | .25000       | .25213      | .002       | .850    | .17473 | .008    | 1        |
| S5        | .50000       | .49130      | -.009      | -1.74   | .34039 | .002    | 1        |









Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000090

Re-Slope: 1.000000

A1 (Gain): 0.160998

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999407

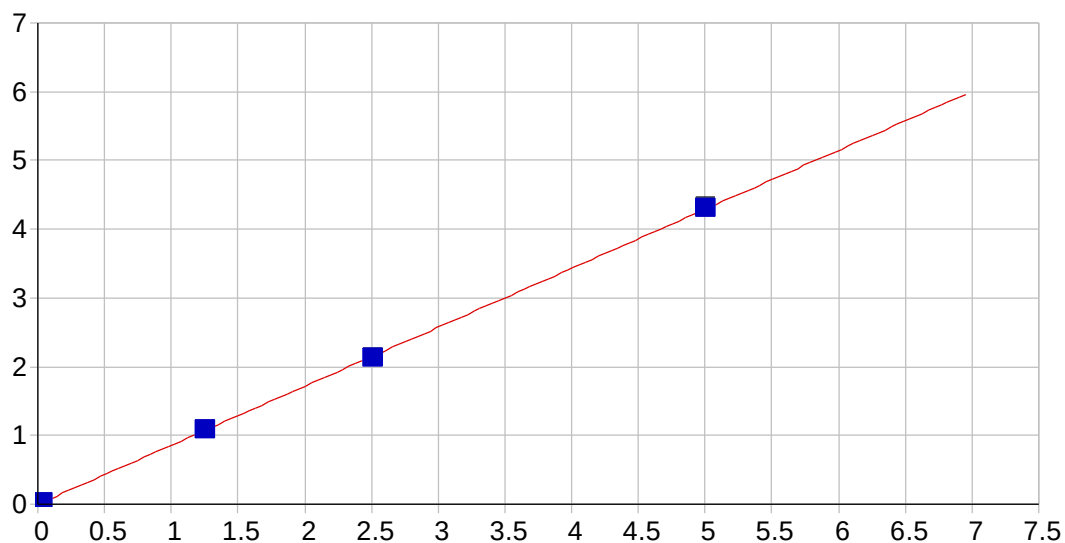
Status: OK.

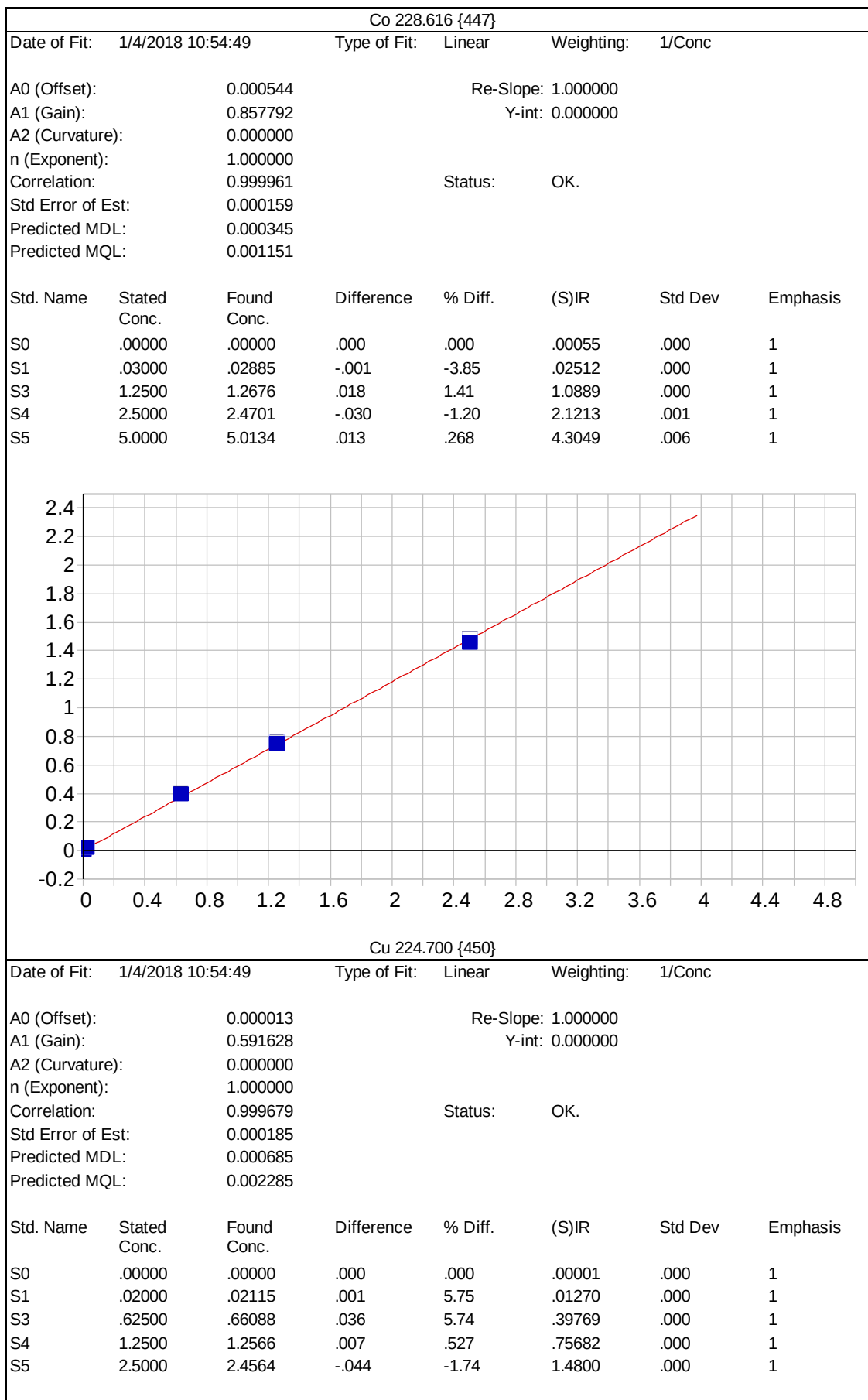
Std Error of Est: 0.000042

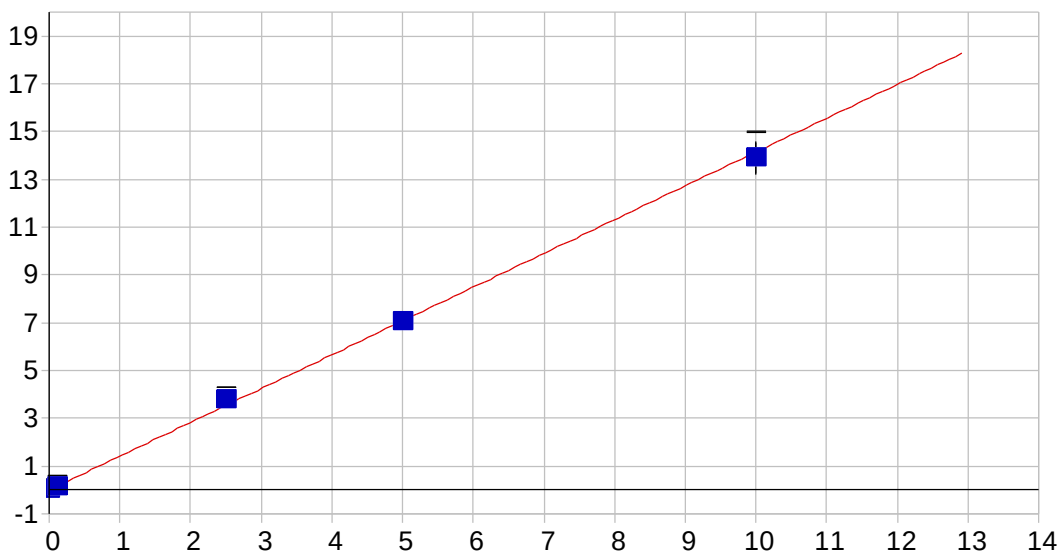
Predicted MDL: 0.000589

Predicted MQL: 0.001963

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00009 | .000    | 1        |
| S1        | .01000       | .00940      | -.001      | -6.00   | .00160 | .000    | 1        |
| S3        | .50000       | .53512      | .035       | 7.02    | .08633 | .003    | 1        |
| S4        | 1.0000       | 1.0176      | .018       | 1.76    | .16410 | .007    | 1        |
| S5        | 2.0000       | 1.9479      | -.052      | -2.61   | .31404 | .001    | 1        |







Fe 240.488 {140}

Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002401

Re-Slope: 1.000000

A1 (Gain): 1.414801

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999547

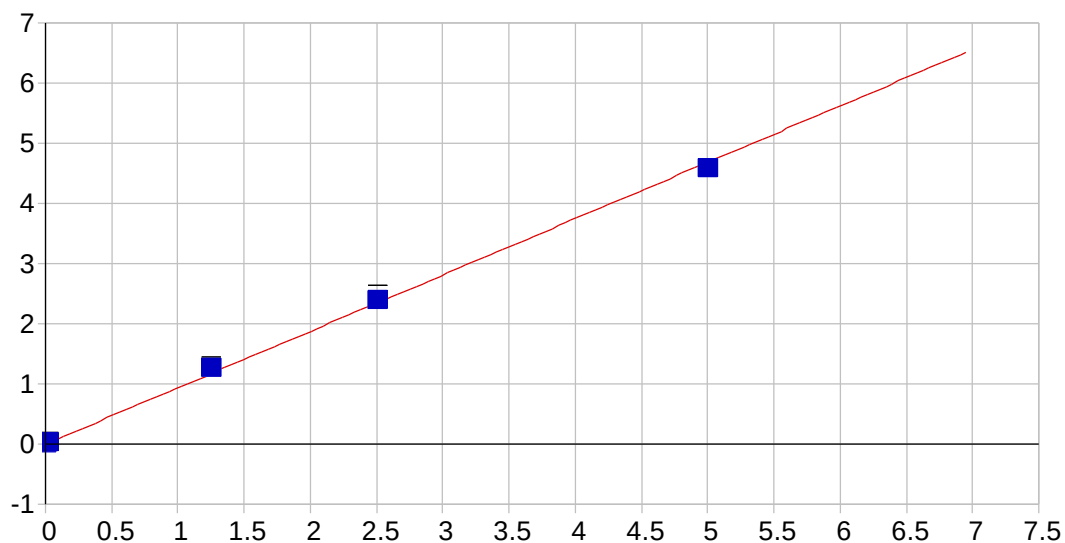
Status: OK.

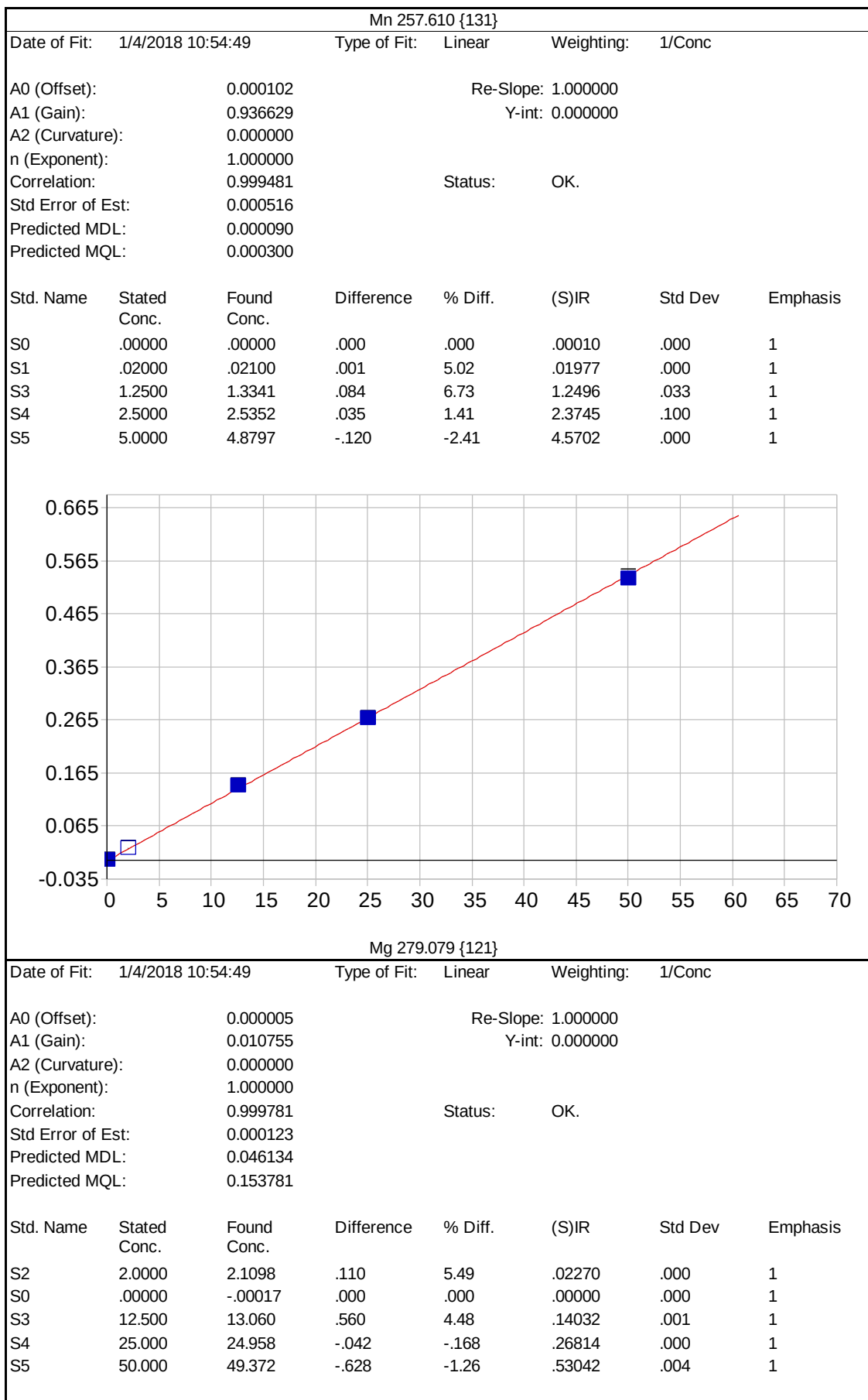
Std Error of Est: 0.002302

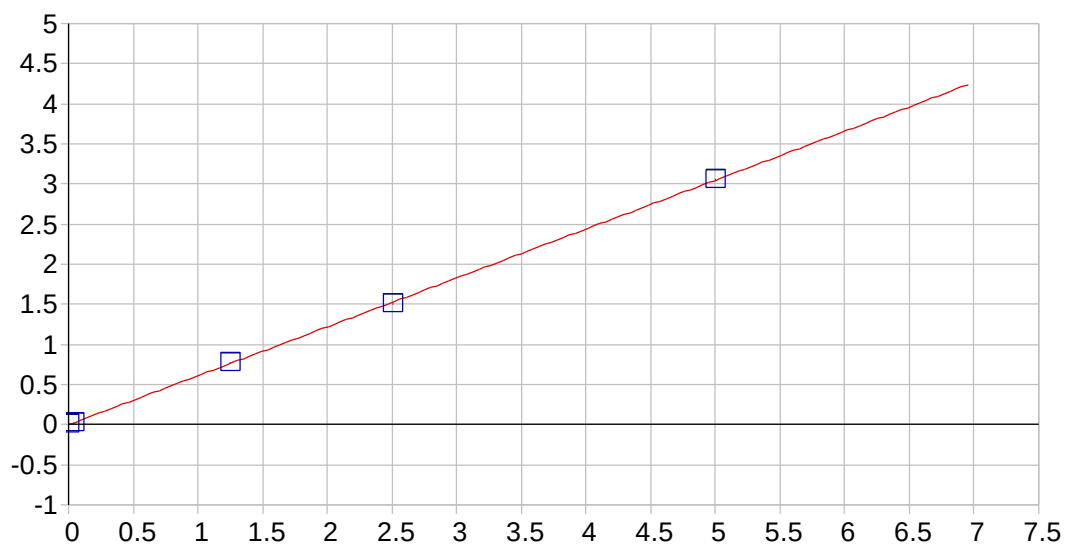
Predicted MDL: 0.011280

Predicted MQL: 0.037599

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00242 | .001    | 1        |
| S1        | .10000       | .10815      | .008       | 8.15    | .15044  | .022    | 1        |
| S3        | 2.5000       | 2.6757      | .176       | 7.03    | 3.7769  | .090    | 1        |
| S4        | 5.0000       | 4.9845      | -.016      | -.311   | 7.0369  | .010    | 1        |
| S5        | 10.000       | 9.8316      | -.168      | -1.68   | 13.882  | .675    | 1        |







Ni 231.604 {445}

Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000154

Re-Slope: 1.000000

A1 (Gain): 0.609657

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999959

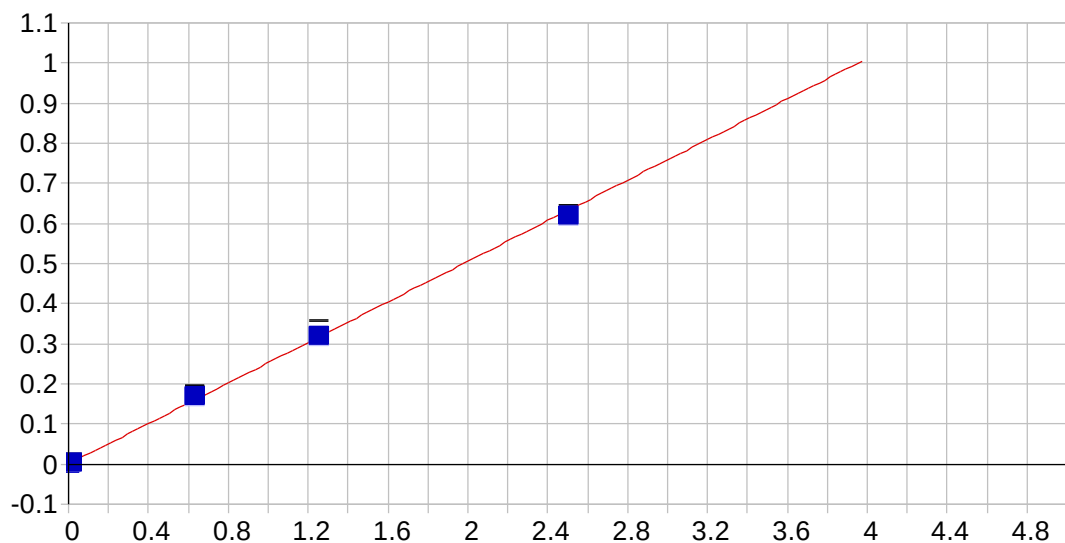
Status: OK.

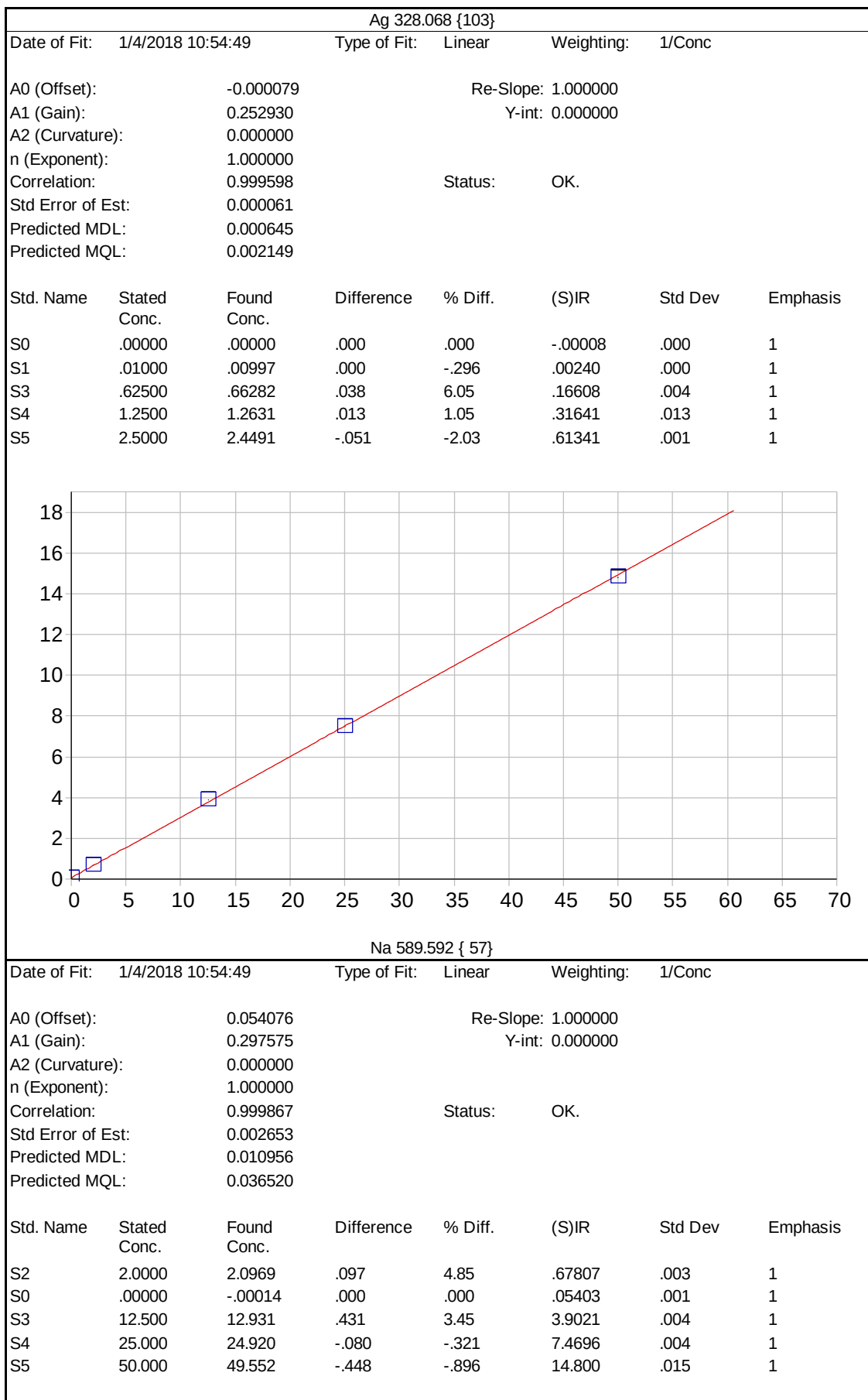
Std Error of Est: 0.000133

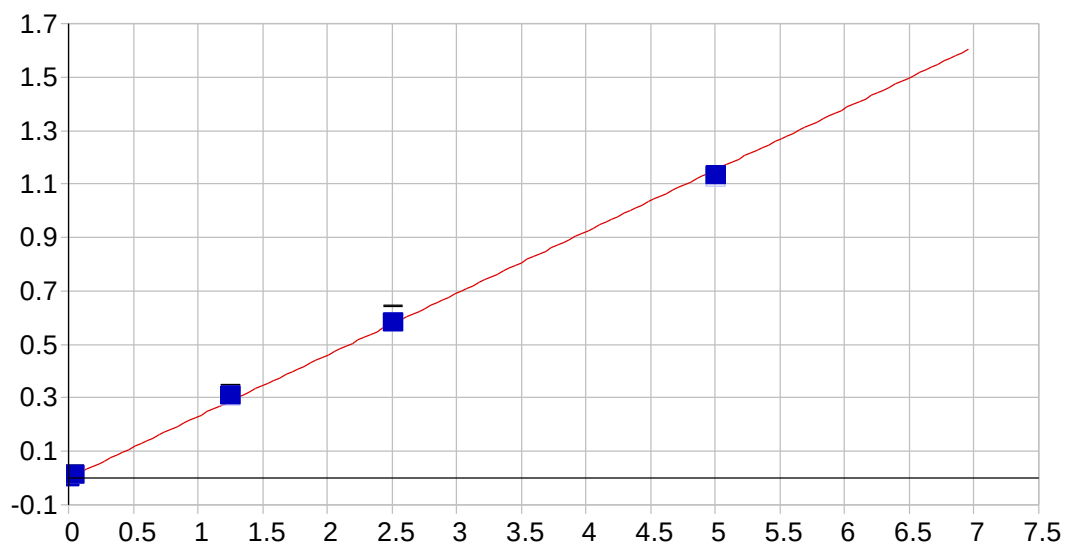
Predicted MDL: 0.000539

Predicted MQL: 0.001798

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00015 | .000    | 1        |
| S1        | .04000       | .03891      | -.001      | -2.73   | .02357  | .000    | 1        |
| S3        | 1.2500       | 1.2731      | .023       | 1.85    | .77602  | .000    | 1        |
| S4        | 2.5000       | 2.4747      | -.025      | -1.01   | 1.5086  | .001    | 1        |
| S5        | 5.0000       | 5.0033      | .003       | .065    | 3.0501  | .004    | 1        |







V 292.402 {115}

Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000209

Re-Slope: 1.000000

A1 (Gain): 0.230504

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999622

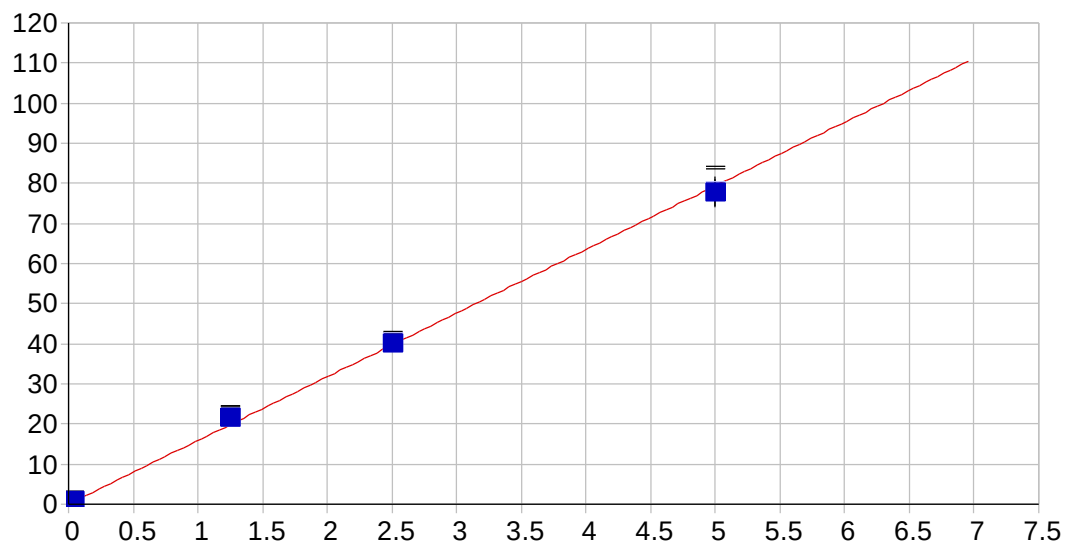
Status: OK.

Std Error of Est: 0.000152

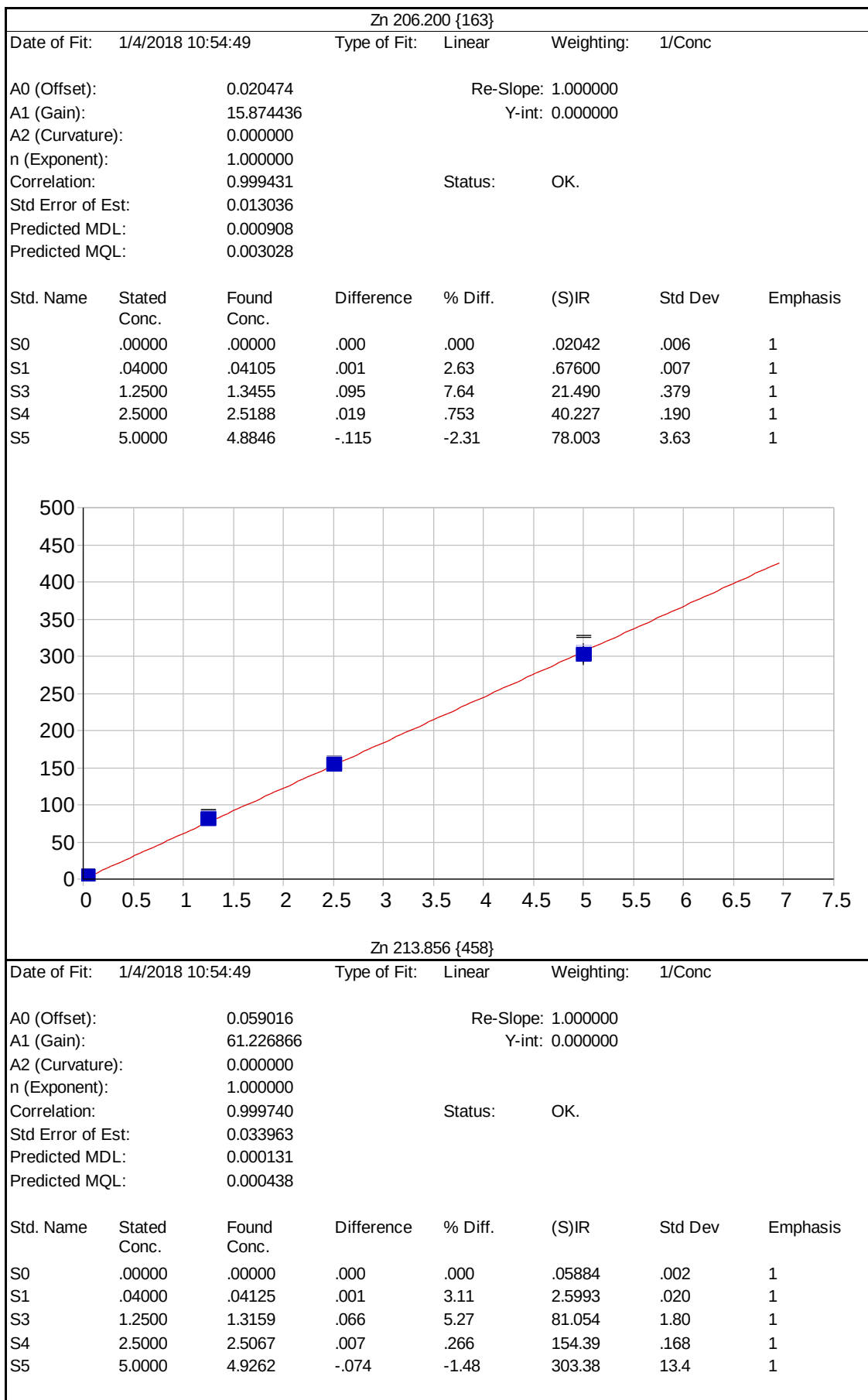
Predicted MDL: 0.000549

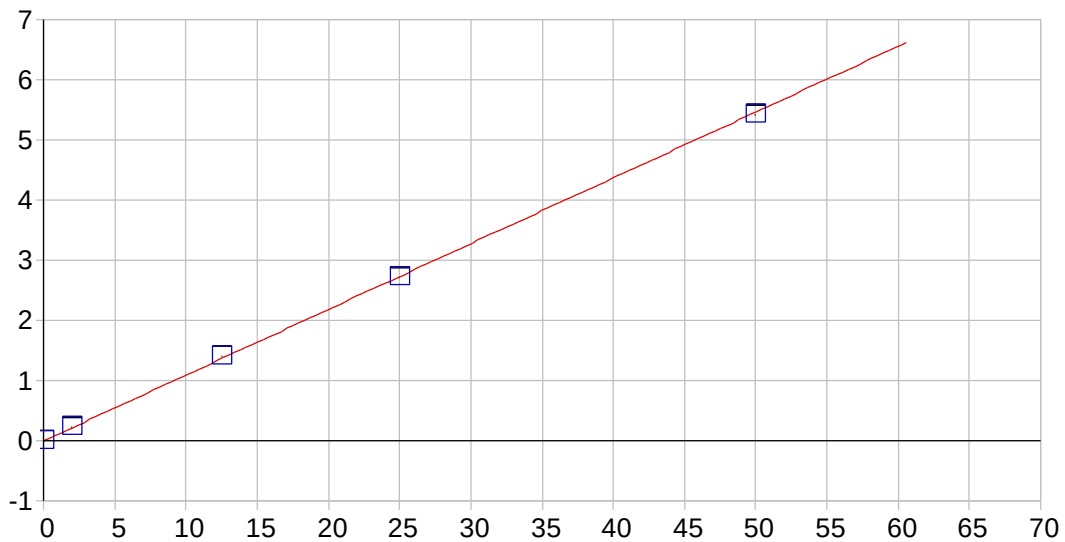
Predicted MQL: 0.001829

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S1        | .04000       | .03982      | .000       | -.442   | .00882  | .000    | 1        |
| S3        | 1.2500       | 1.3232      | .073       | 5.86    | .30294  | .008    | 1        |
| S4        | 2.5000       | 2.5266      | .027       | 1.06    | .57847  | .024    | 1        |
| S5        | 5.0000       | 4.9004      | -.100      | -1.99   | 1.1219  | .000    | 1        |









K 766.490 { 44}

Date of Fit: 1/4/2018 10:54:49

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.003356

Re-Slope: 1.000000

A1 (Gain): 0.109306

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

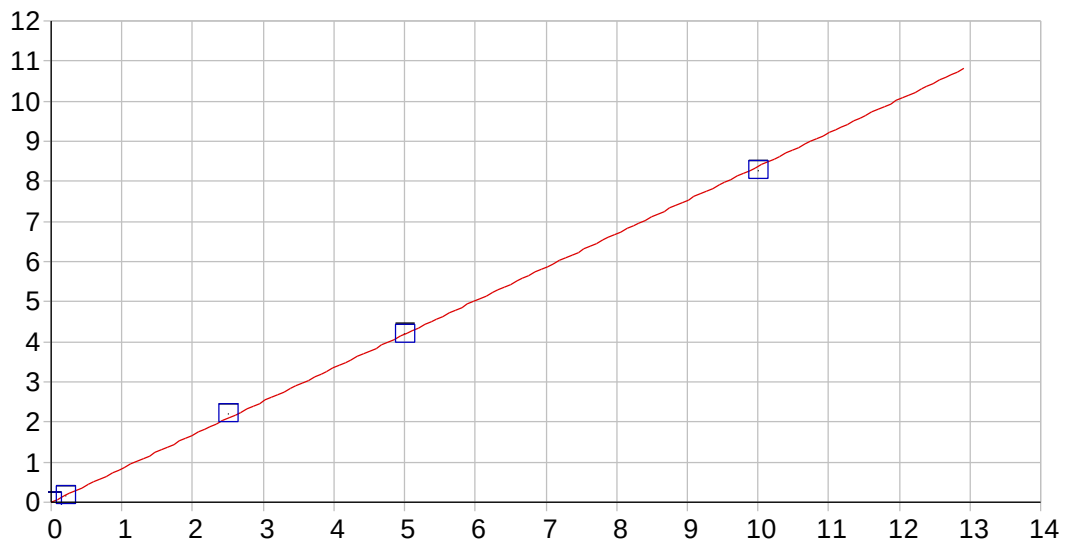
Status: OK.

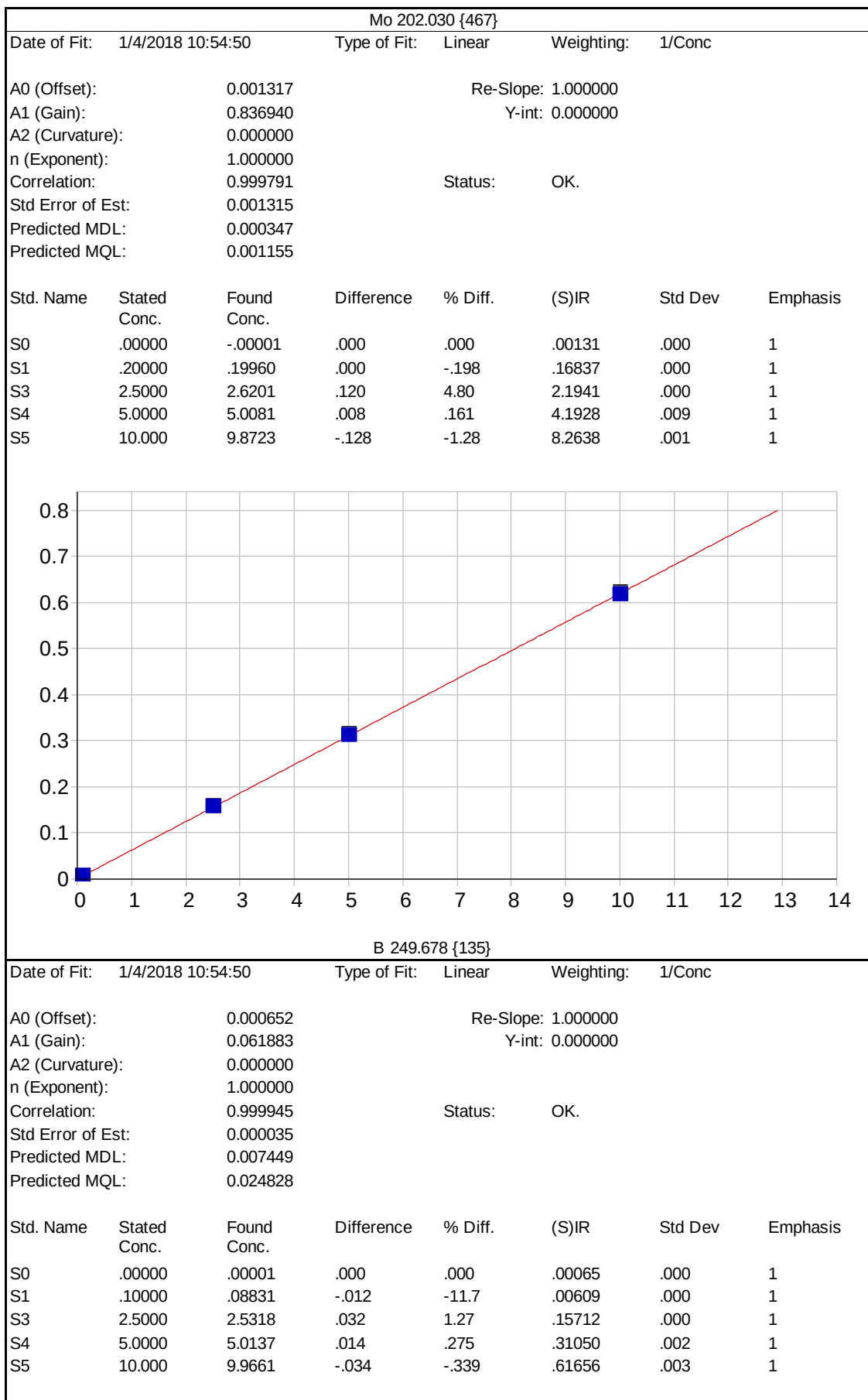
Std Error of Est: 0.000929

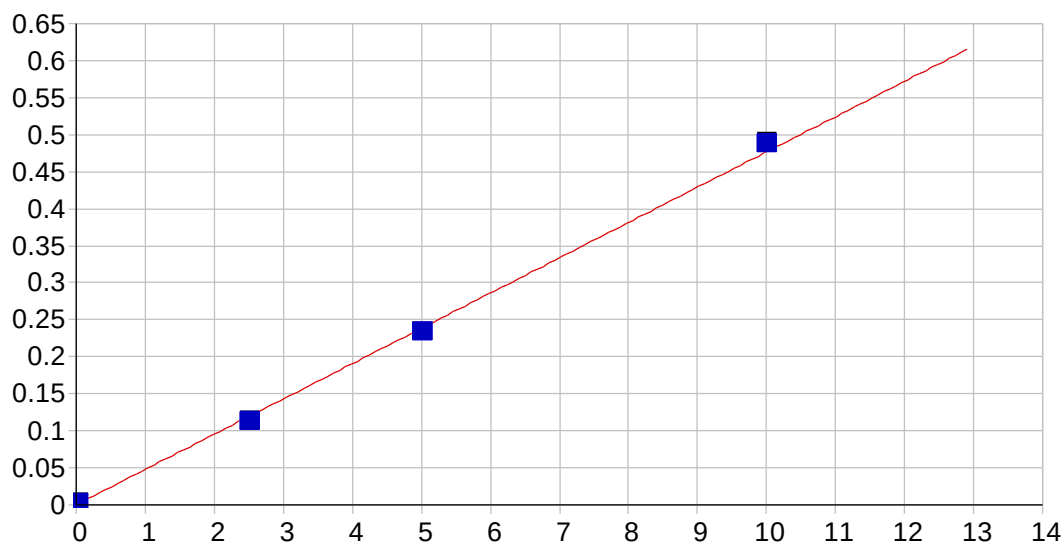
Predicted MDL: 0.037191

Predicted MQL: 0.123970

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.1068      | .107       | 5.34    | .22692  | .005    | 1        |
| S0        | .00000       | -.00014     | .000       | .000    | -.00337 | .001    | 1        |
| S3        | 12.500       | 12.896      | .396       | 3.17    | 1.4063  | .002    | 1        |
| S4        | 25.000       | 24.864      | -.136      | -.543   | 2.7145  | .002    | 1        |
| S5        | 50.000       | 49.633      | -.367      | -.734   | 5.4218  | .007    | 1        |







S 182.034 {485}

Date of Fit: 1/4/2018 10:54:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000175

Re-Slope: 1.000000

A1 (Gain): 0.047647

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999551

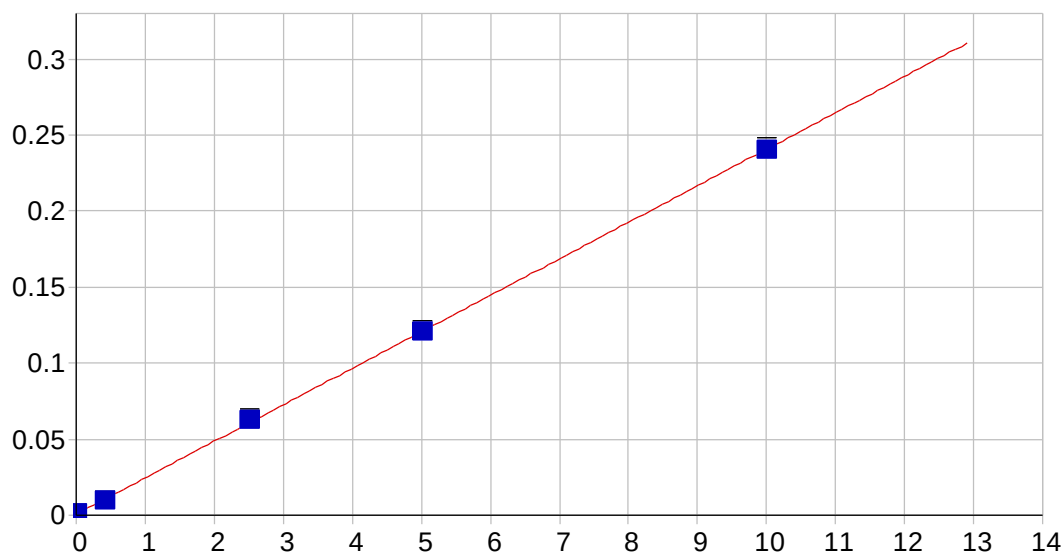
Status: OK.

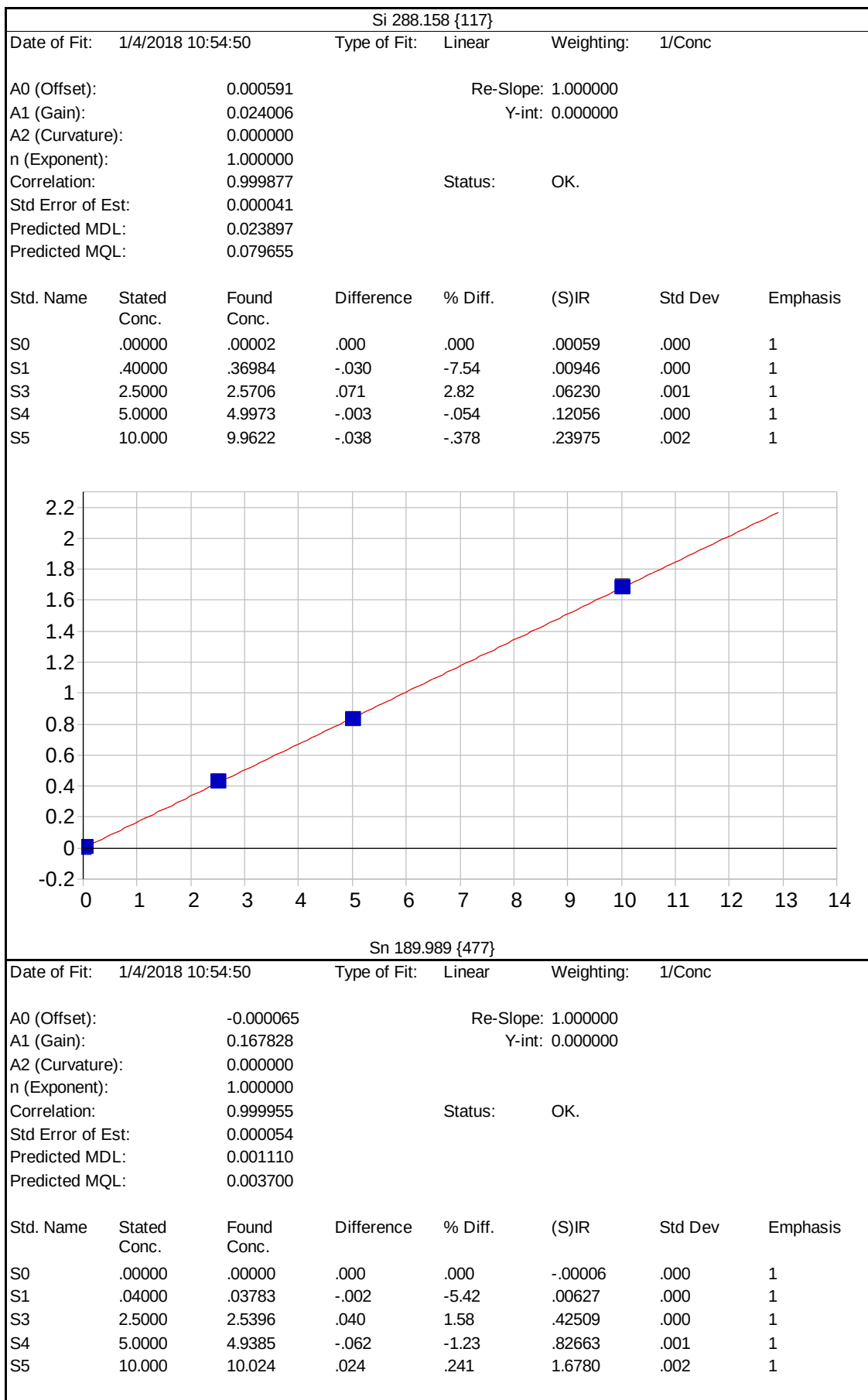
Std Error of Est: 0.000034

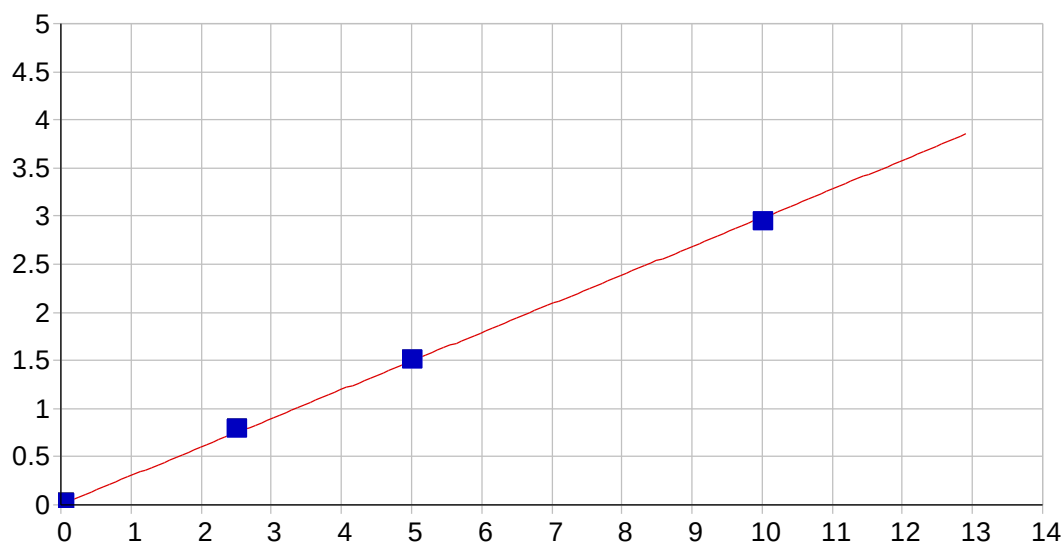
Predicted MDL: 0.003899

Predicted MQL: 0.012995

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00017 | .000    | 1        |
| S1        | .02000       | .02041      | .000       | 2.05    | .00112 | .000    | 1        |
| S3        | 2.5000       | 2.3629      | -.137      | -5.49   | .11251 | .000    | 1        |
| S4        | 5.0000       | 4.8941      | -.106      | -2.12   | .23287 | .000    | 1        |
| S5        | 10.000       | 10.243      | .243       | 2.43    | .48722 | .001    | 1        |







Ti 336.121 {100}

Date of Fit: 1/4/2018 10:54:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004304

Re-Slope: 1.000000

A1 (Gain): 0.297806

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999791

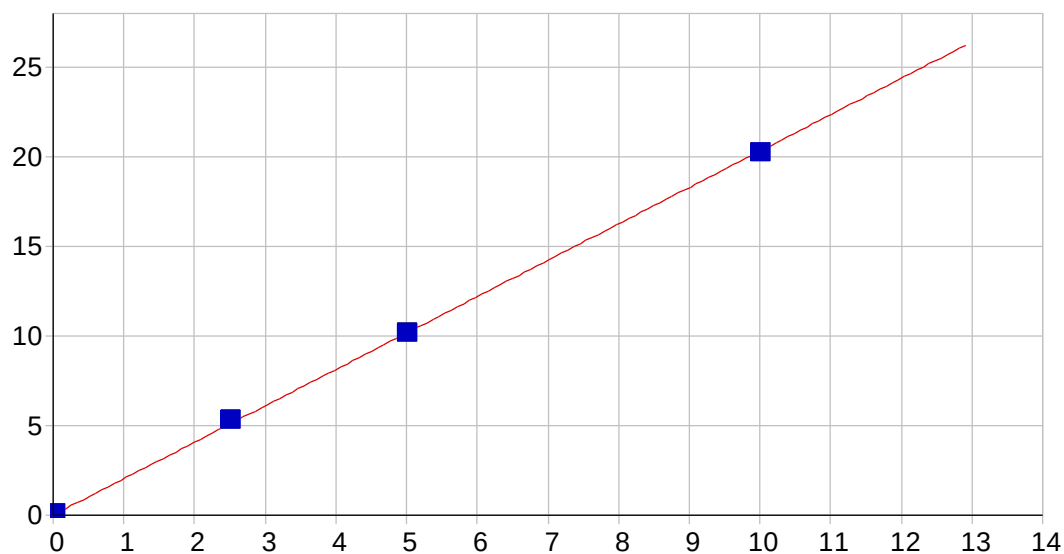
Status: OK.

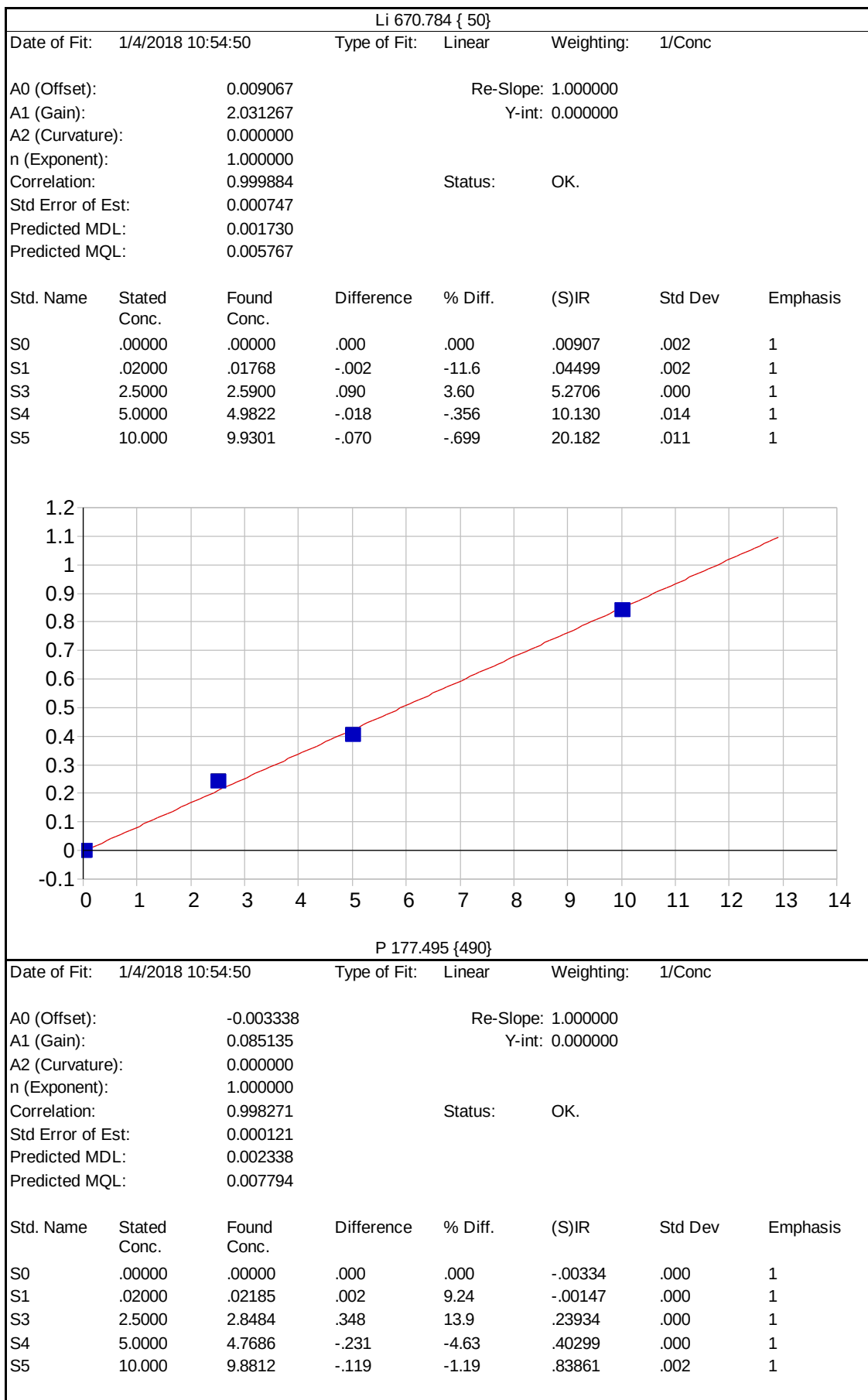
Std Error of Est: 0.000208

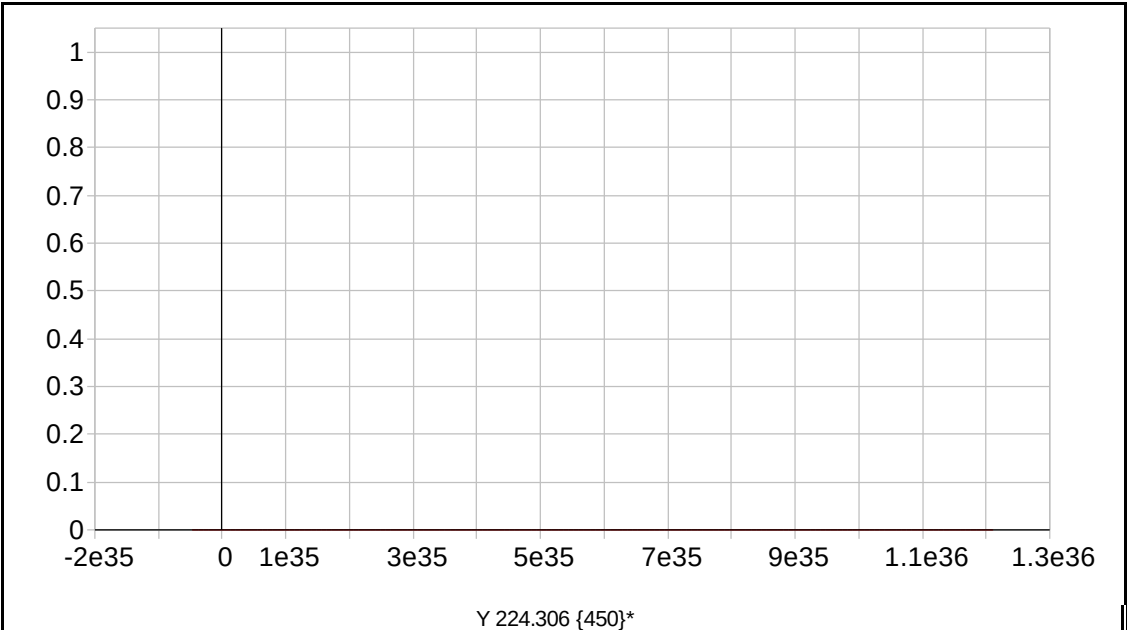
Predicted MDL: 0.002436

Predicted MQL: 0.008121

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00430 | .001    | 1        |
| S1        | .04000       | .04045      | .000       | 1.12    | .01634 | .001    | 1        |
| S3        | 2.5000       | 2.6143      | .114       | 4.57    | .78251 | .003    | 1        |
| S4        | 5.0000       | 5.0257      | .026       | .515    | 1.5003 | .003    | 1        |
| S5        | 10.000       | 9.8596      | -.140      | -1.40   | 2.9392 | .001    | 1        |



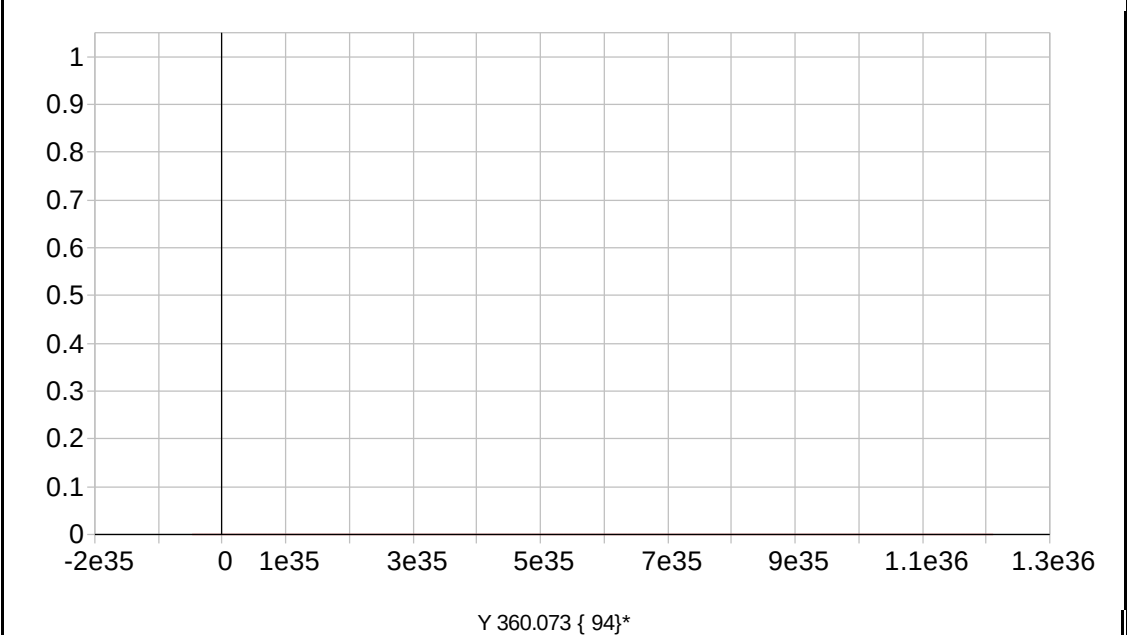




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

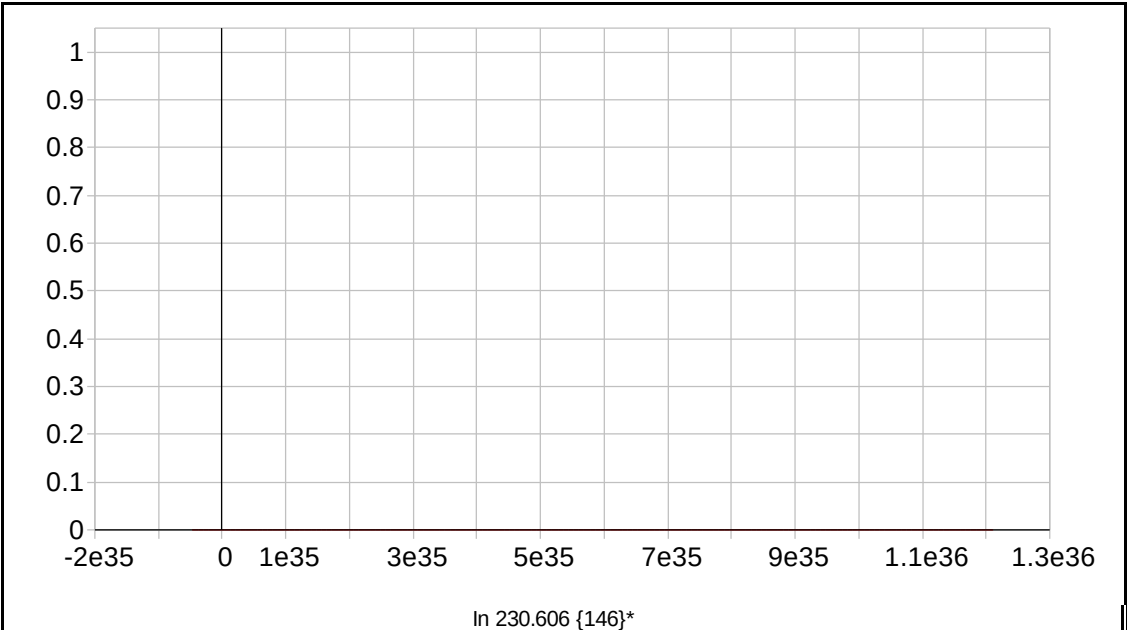
A blank coordinate system with a vertical y-axis and a horizontal x-axis. The y-axis is labeled from 0 to 1 in increments of 0.1. The x-axis is labeled from -2e35 to 1.3e36 in increments of 1e35. A vertical line is drawn at x=0.

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

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

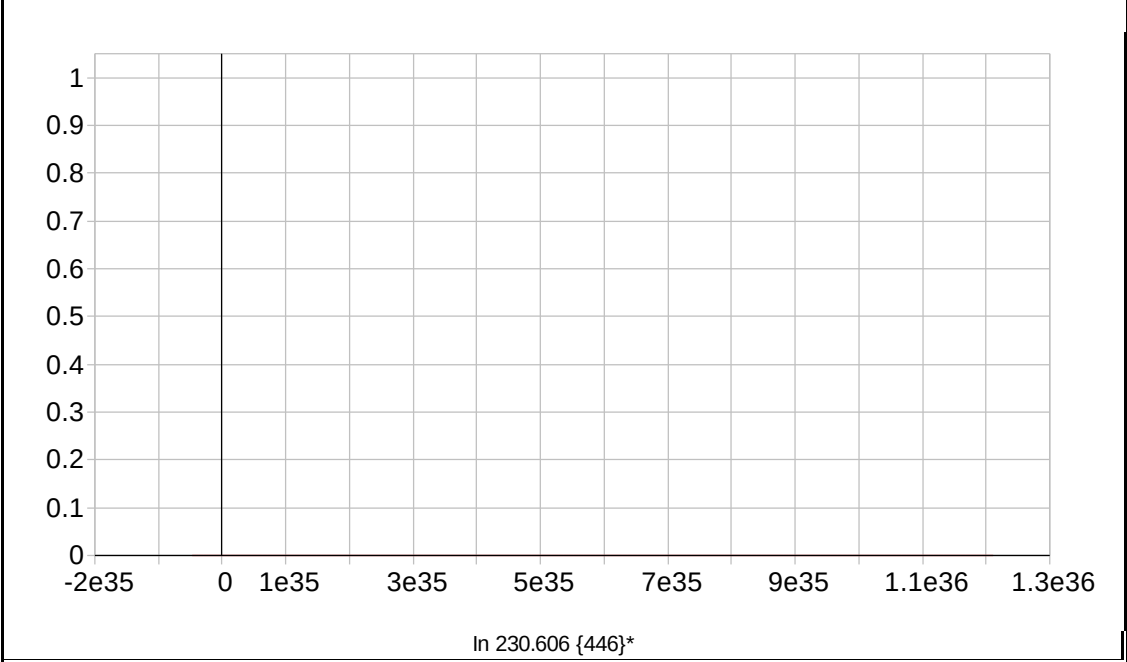
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

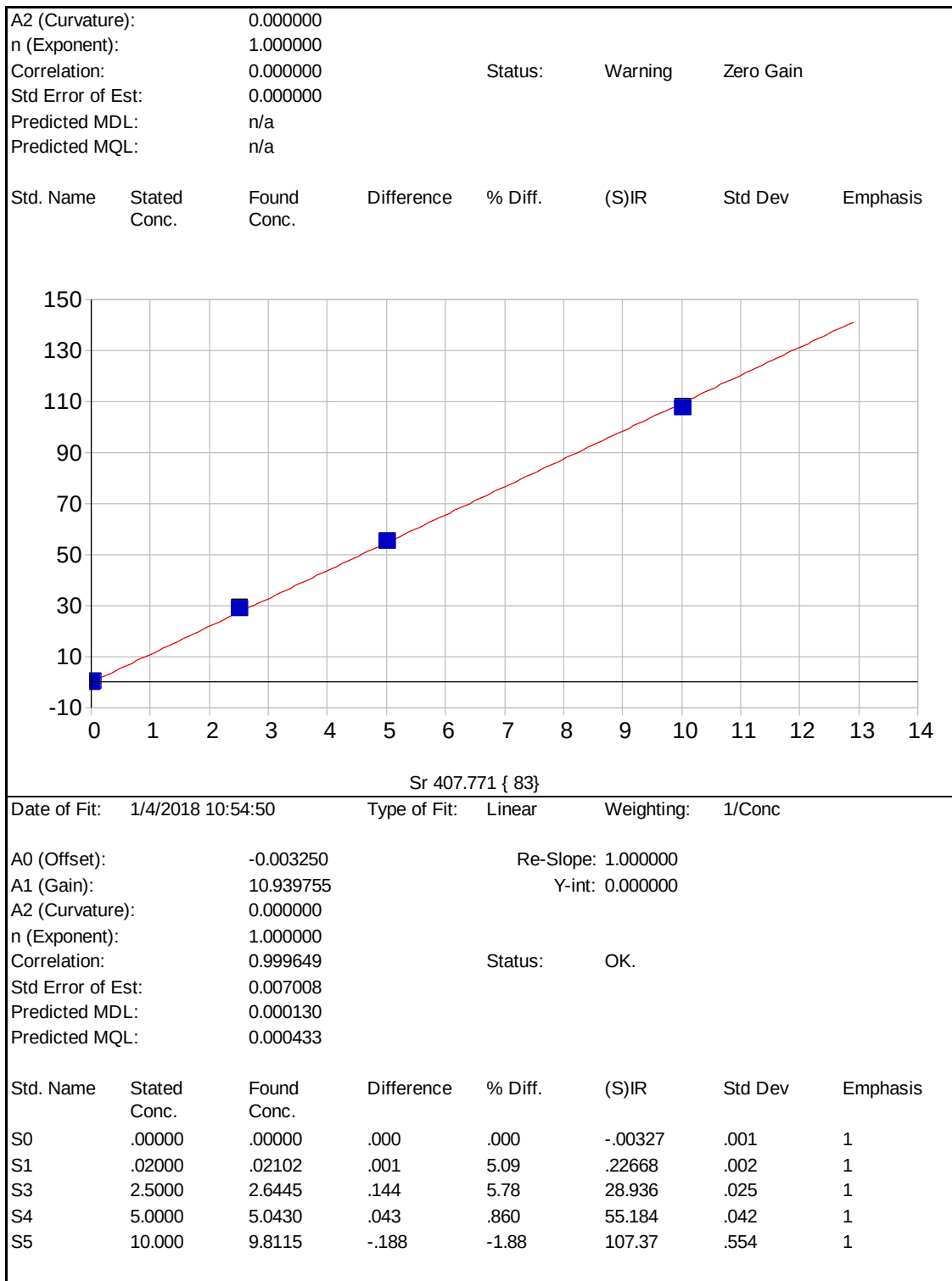
A0 (Offset):                    0.000000                    Re-Slope: 1.000000  
A1 (Gain):                    0.000000                    Y-int: 0.000000  
A2 (Curvature):              0.000000  
n (Exponent):                1.000000  
Correlation:                  0.000000                  Status: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

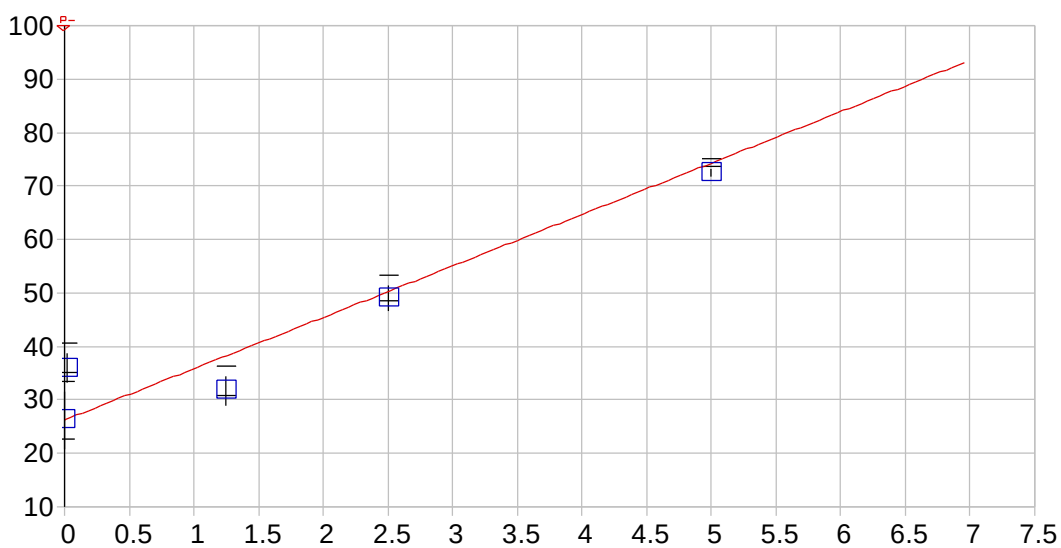
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

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





U 367.007 { 92}

Date of Fit: 1/4/2018 10:54:50

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 26.220268

Re-Slope: 1.000000

A1 (Gain): 9.614570

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.387130

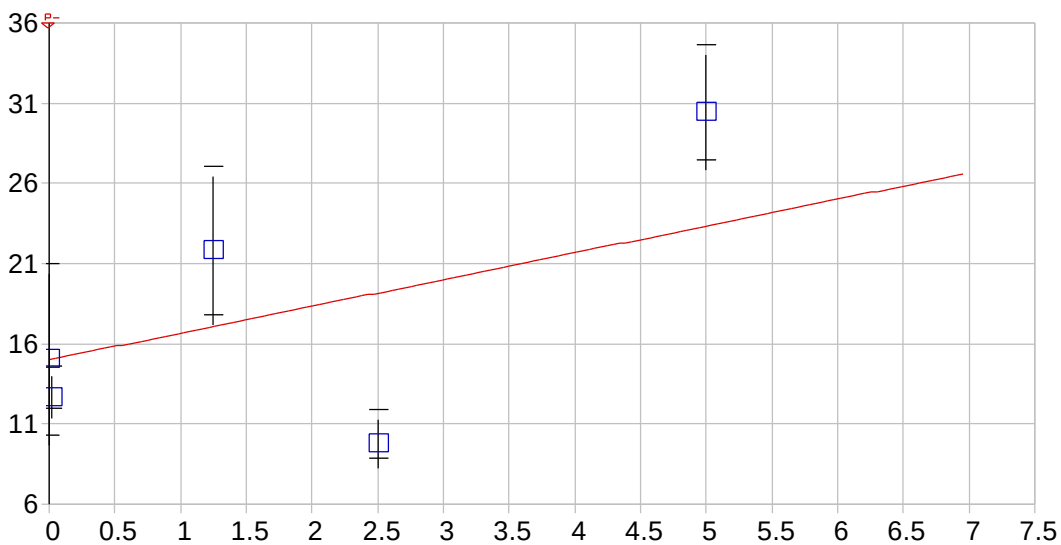
Status: OK.

Std Error of Est: 0.391313

Predicted MDL: 0.882975

Predicted MQL: 2.943251

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00098     | -.001      | .000    | 26.211 | 5.40    | 1        |
| S1        | .02000       | 1.0132      | .993       | 4970.   | 35.961 | 2.86    | 1        |
| S3        | 1.2500       | .57340      | -.677      | -54.1   | 31.733 | 2.72    | 1        |
| S4        | 2.5000       | 2.3682      | -.132      | -5.27   | 48.989 | 2.49    | 1        |
| S5        | 5.0000       | 4.8153      | -.185      | -3.69   | 72.517 | .705    | 1        |



| U 385.958 { 87}   |                   |             |                    |         |            |         |          |
|-------------------|-------------------|-------------|--------------------|---------|------------|---------|----------|
| Date of Fit:      | 1/4/2018 10:54:50 |             | Type of Fit:       | Linear  | Weighting: | 1/Conc  |          |
| A0 (Offset):      | 14.998638         |             | Re-Slope: 1.000000 |         |            |         |          |
| A1 (Gain):        | 1.668051          |             | Y-int: 0.000000    |         |            |         |          |
| A2 (Curvature):   | 0.000000          |             |                    |         |            |         |          |
| n (Exponent):     | 1.000000          |             |                    |         |            |         |          |
| Correlation:      | 0.255644          |             | Status:            | OK.     |            |         |          |
| Std Error of Est: | 0.107797          |             |                    |         |            |         |          |
| Predicted MDL:    | 6.980174          |             |                    |         |            |         |          |
| Predicted MQL:    | 23.267247         |             |                    |         |            |         |          |
|                   |                   |             |                    |         |            |         |          |
| Std. Name         | Stated Conc.      | Found Conc. | Difference         | % Diff. | (S)IR      | Std Dev | Emphasis |
| S0                | .00000            | .00142      | .001               | .000    | 15.001     | 5.33    | 1        |
| S1                | .02000            | -1.4122     | -1.43              | -7160.  | 12.643     | 1.32    | 1        |
| S3                | 1.2500            | 4.0811      | 2.83               | 226.    | 21.806     | 4.62    | 1        |
| S4                | 2.5000            | -3.1447     | -5.64              | -226.   | 9.7531     | 1.50    | 1        |
| S5                | 5.0000            | 9.2457      | 4.25               | 84.9    | 30.421     | 3.56    | 1        |

Sample Name: S0      Acquired: 1/4/2018 10:29:56      Type: Cal

Method: P4-ICP2(v1897)      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    | .00010 | .00010 | .00040 | .00006 | .00012 | .00008 | .01580 | .00004 |
| Stddev | .00006 | .00013 | .00003 | .00020 | .00010 | .00009 | .00133 | .00001 |
| %RSD   | 62.949 | 128.35 | 7.6207 | 337.96 | 81.837 | 120.24 | 8.4484 | 29.755 |

|    |        |        |         |         |        |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|--------|
| #1 | .00006 | .00019 | -.00038 | .00020  | .00005 | .00001 | .01674 | .00003 |
| #2 | .00015 | .00001 | -.00042 | -.00008 | .00020 | .00014 | .01486 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00038 | .00054 | .00009 | .00055 | .00001 | .00242 | .00010 | .00000 |
| Stddev | .00009 | .00078 | .00007 | .00026 | .00003 | .00117 | .00012 | .00014 |
| %RSD   | 24.618 | 142.64 | 73.752 | 46.842 | 231.14 | 48.160 | 118.69 | 4753.5 |

|    |         |        |        |        |         |         |        |         |
|----|---------|--------|--------|--------|---------|---------|--------|---------|
| #1 | -.00032 | .00109 | .00014 | .00073 | .00003  | -.00324 | .00002 | -.00010 |
| #2 | -.00045 | .00000 | .00004 | .00036 | -.00001 | -.00160 | .00018 | .00011  |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00015 | .00008 | .05403 | .00021  | .05884 | .00337  | .00131 | .00065  |
| Stddev | .00013 | .00007 | .00135 | .00006  | .00194 | .00110  | .00004 | .00016  |
| %RSD   | 82.207 | 86.161 | 2.5045 | 27.012  | 3.2989 | 32.619  | 3.1274 | 24.098  |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00024 | -.00003 | .05308 | -.00017 | .05747 | -.00259 | .00134 | .00076 |
| #2 | -.00006 | -.00013 | .05499 | -.00025 | .06021 | -.00415 | .00128 | .00054 |

|        |         |        |        |        |        |         |        |         |
|--------|---------|--------|--------|--------|--------|---------|--------|---------|
| 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    | .00017  | .00059 | .00006 | .00430 | .00907 | .0033   | .00327 | .26.211 |
| Stddev | .00000  | .00015 | .00006 | .00085 | .00162 | .0001   | .00070 | 5.401   |
| %RSD   | .76379  | 24.876 | 91.757 | 19.737 | 17.849 | 2.704   | 21.321 | 20.605  |

|    |        |        |         |        |        |        |         |        |
|----|--------|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00018 | .00070 | -.00002 | .00370 | .01022 | -.0033 | -.00377 | 30.030 |
| #2 | .00017 | .00049 | -.00011 | .00490 | .00793 | -.0034 | -.00278 | 22.392 |

Sample Name: S0      Acquired: 1/4/2018 10:29:56      Type: Cal  
Method: P4-ICP2(v1897)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |         |
|--------|---------|
| Elem   | U_ 3859 |
| Units  | Cts/S   |
| Avg    | 15.001  |
| Stddev | 5.330   |
| %RSD   | 35.532  |

|    |        |
|----|--------|
| #1 | 11.232 |
| #2 | 18.770 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2736.8  | 42307.  | 3861.8  | 35.475 | 3134.5 |
| Stddev    | 2.6     | 26.     | 10.0    | .016   | 6.8    |
| %RSD      | .09460  | .06112  | .25878  | .01880 | .21595 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2735.0 | 42288. | 3854.8 | 85.486 | 3129.7 |
| #2 | 2738.6 | 42325. | 3868.9 | 85.464 | 3139.2 |

Sample Name: S1      Acquired: 1/4/2018 10:34:08      Type: Cal  
Method: P4-ICP2(v1897)      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    | .00142 | .00438 | .00162 | .00162 | .00569 | .00109 | .42621 | .00413 | .01649 |
| Stddev | .00006 | .00012 | .00013 | .00021 | .00004 | .00001 | .00010 | .00007 | .00039 |
| %RSD   | 4.2848 | 2.7073 | 7.7816 | 12.729 | .77368 | 1.3014 | .02378 | 1.6614 | 2.3724 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00138 | .00429 | .00153 | .00147 | .00572 | .00108 | .42629 | .00418 | .01677 |
| #2 | .00147 | .00446 | .00171 | .00176 | .00566 | .00110 | .42614 | .00408 | .01621 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00160 | .02512 | .01270 | .15044 | .01977 | .02357 | .00240 | .00882  | .25993 |
| Stddev | .00010 | .00012 | .00030 | .02240 | .00002 | .00020 | .00027 | .00000  | .0200  |
| %RSD   | 5.9638 | .46634 | 2.3636 | 14.889 | .08351 | .85445 | 11.192 | .01463  | .76970 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00154 | .02504 | .01291 | .16628 | .01976 | .02342 | .00259 | .00882 | 2.5851 |
| #2 | .00167 | .02521 | .01249 | .13460 | .01978 | .02371 | .00221 | .00882 | 2.6134 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .16837 | .00609  | .00112  | .00946 | .00627 | .01634 | .04499 | .0015   | .22668 |
| Stddev | .00027 | .00030  | .00005  | .00018 | .00007 | .00059 | .00167 | .0001   | .00192 |
| %RSD   | .15986 | 4.9777  | 4.2619  | 1.9026 | 1.1284 | 3.6061 | 3.7222 | 7.866   | .84861 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .16856 | .00588 | .00116 | .00933 | .00632 | .01592 | .04380 | -.0014 | .22532 |
| #2 | .16818 | .00631 | .00109 | .00959 | .00622 | .01676 | .04617 | -.0016 | .22804 |

|        |         |         |
|--------|---------|---------|
| Elem   | U_ 3670 | U_ 3859 |
| Units  | Cts/S   | Cts/S   |
| Avg    | 35.961  | 12.643  |
| Stddev | 2.856   | 1.323   |
| %RSD   | 7.9423  | 10.461  |

|    |        |        |
|----|--------|--------|
| #1 | 37.981 | 13.578 |
| #2 | 33.942 | 11.708 |



Sample Name: S1      Acquired: 1/4/2018 10:34:08      Type: Cal  
Method: P4-ICP2(v1897)      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       | 2695.3  | 41465.  | 3875.9  | 36.216 | 3089.9 |
| Stddev    | 5.8     | 24.     | 3.1     | .196   | 8.6    |
| %RSD      | .21548  | .05896  | .07966  | .22741 | .27944 |
| #1        | 2691.2  | 41482.  | 3878.1  | 86.355 | 3083.8 |
| #2        | 2699.4  | 41447.  | 3873.8  | 86.077 | 3096.0 |

Sample Name: S2      Acquired: 1/4/2018 10:38:17      Type: Cal  
Method: P4-ICP2(v1897)      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    | .15509 | .02270 | .67807 | .22692  |
| Stddev | .00154 | .00003 | .00275 | .00504  |
| %RSD   | .99479 | .13826 | .40603 | 2.2227  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .15400 | .02272 | .67612 | .22336 |
| #2 | .15619 | .02267 | .68002 | .23049 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 3884.5  |
| Stddev    | 1.9     |
| %RSD      | .04863  |

|    |        |
|----|--------|
| #1 | 3885.9 |
| #2 | 3883.2 |

Sample Name: S3      Acquired: 1/4/2018 10:42:19      Type: Cal  
Method: P4-ICP2(v1897)      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    | .17298 | .28460 | .39627 | .18482 | .29730 | .05381 | .21480 | .09128 | 3.7898 |
| Stddev | .00004 | .00039 | .00079 | .00036 | .00173 | .00142 | .056   | .00247 | .0042  |
| %RSD   | .02537 | .13569 | .20040 | .19609 | .58054 | 2.6353 | .25858 | 2.7028 | .11033 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17301 | .28433 | .39683 | .18508 | .29852 | .05280 | 21.519 | .08953 | 3.7868 |
| #2 | .17295 | .28488 | .39571 | .18457 | .29608 | .05481 | 21.441 | .09302 | 3.7928 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .90987 | .08633 | 1.0889 | .39769 | 3.7769 | 1.2496 | .14032 | .77602 | .16608 |
| Stddev | .00169 | .00276 | .0001  | .00028 | .0898  | .0332  | .00059 | .00017 | .00431 |
| %RSD   | .18525 | 3.1956 | .00599 | .07062 | 2.3779 | 2.6604 | .42196 | .02136 | 2.5977 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90868 | .08438 | 1.0889 | .39789 | 3.8404 | 1.2261 | .13990 | .77591 | .16303 |
| #2 | .91106 | .08828 | 1.0888 | .39749 | 3.7134 | 1.2731 | .14074 | .77614 | .16913 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 3.9021 | .30294  | 31.054 | 1.4063  | 2.1941 | .15712  | .11251  | .06230 | .42509 |
| Stddev | .0040  | .00836  | 1.798  | .0018   | .0003  | .00031  | .00025  | .00092 | .00028 |
| %RSD   | .10343 | 2.7597  | 2.2178 | .12943  | .01236 | .19909  | .22519  | 1.4798 | .06661 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9050 | .29703 | 82.325 | 1.4075 | 2.1943 | .15690 | .11233 | .06165 | .42489 |
| #2 | 3.8993 | .30885 | 79.783 | 1.4050 | 2.1940 | .15734 | .11269 | .06295 | .42529 |

|        |        |        |         |        |         |         |
|--------|--------|--------|---------|--------|---------|---------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |
| Avg    | .78251 | 5.2706 | .2393   | .28936 | 31.733  | 21.806  |
| Stddev | .00293 | .0000  | .0001   | .025   | 2.720   | 4.615   |
| %RSD   | .37385 | .00061 | .0317   | .08698 | 8.5697  | 21.166  |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | .78457 | 5.2706 | .2394 | 28.953 | 33.656 | 25.070 |
| #2 | .78044 | 5.2705 | .2393 | 28.918 | 29.810 | 18.543 |

Sample Name: S3      Acquired: 1/4/2018 10:42:19      Type: Cal  
Method: P4-ICP2(v1897)      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       | 2636.1  | 39953.  | 3881.5  | 37.053 | 2940.4 |
| Stddev    | 6.6     | 775.    | 17.9    | 1.982  | 5.9    |
| %RSD      | .25071  | 1.9387  | .46009  | 2.2763 | .20086 |
| #1        | 2631.4  | 40500.  | 3868.9  | 85.651 | 2936.2 |
| #2        | 2640.8  | 39405.  | 3894.2  | 88.454 | 2944.6 |

Sample Name: S4      Acquired: 1/4/2018 10:46:12      Type: Cal  
Method: P4-ICP2(v1897)      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    | .33372 | .55435 | .77138 | .35653 | .57468 | .10480 | .11.814 | .17473 | .7.3829 |
| Stddev | .00019 | .00083 | .00036 | .00085 | .00075 | .00296 | .023    | .00774 | .0001   |
| %RSD   | .05638 | .14998 | .04639 | .23738 | .13021 | 2.8209 | .05397  | 4.4279 | .00117  |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33385 | .55376 | .77113 | .35713 | .57415 | .10689 | 41.830 | .18020 | 7.3829 |
| #2 | .33358 | .55493 | .77164 | .35593 | .57521 | .10271 | 41.798 | .16926 | 7.3828 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.7356 | .16410 | 2.1213 | .75682 | 7.0369 | 2.3745 | .26814 | 1.5086 | .31641 |
| Stddev | .0045  | .00697 | .0008  | .00013 | .0103  | .1000  | .00006 | .0008  | .01339 |
| %RSD   | .26007 | 4.2504 | .03986 | .01742 | .14616 | 4.2105 | .02169 | .05462 | 4.2331 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.7324 | .16903 | 2.1208 | .75691 | 7.0296 | 2.4452 | .26818 | 1.5091 | .32588 |
| #2 | 1.7388 | .15917 | 2.1219 | .75672 | 7.0441 | 2.3038 | .26809 | 1.5080 | .30693 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 7.4696 | .57847  | 154.39 | 2.7145  | 4.1928 | .31050  | .23287  | .12056 | .82663 |
| Stddev | .0036  | .02415  | .17    | .0022   | .0088  | .00170  | .00003  | .00050 | .00114 |
| %RSD   | .04807 | 4.1745  | .10906 | .08265  | .20915 | .54638  | .01201  | .41179 | .13835 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.4670 | .59554 | 154.51 | 2.7160 | 4.1866 | .30930 | .23289 | .12021 | .82582 |
| #2 | 7.4721 | .56139 | 154.27 | 2.7129 | 4.1990 | .31170 | .23285 | .12091 | .82744 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | 1.5003 | 10.130 | .4030   | 55.184 | 48.989  | 8.7531  |  |  |  |
| Stddev | .0034  | .014   | .0003   | .042   | 2.486   | 1.4992  |  |  |  |
| %RSD   | .22610 | .13549 | .0632   | .07583 | 5.0739  | 15.371  |  |  |  |

|    |        |        |       |        |        |        |  |  |  |
|----|--------|--------|-------|--------|--------|--------|--|--|--|
| #1 | 1.4979 | 10.121 | .4032 | 55.213 | 47.232 | 8.6930 |  |  |  |
| #2 | 1.5027 | 10.140 | .4028 | 55.154 | 50.747 | 10.813 |  |  |  |

Sample Name: S4      Acquired: 1/4/2018 10:46:12      Type: Cal  
 Method: P4-ICP2(v1897)      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       | 2586.1  | 39218.  | 3823.6  | 35.103 | 2825.4 |
| Stddev    | .4      | 1537.   | 11.6    | .190   | 3.9    |
| %RSD      | .01664  | 3.9180  | .30395  | .22376 | .13737 |
| #1        | 2585.8  | 38132.  | 3815.4  | 84.968 | 2822.6 |
| #2        | 2586.4  | 40305.  | 3831.9  | 85.237 | 2828.1 |

Sample Name: S5      Acquired: 1/4/2018 10:50:31      Type: Cal  
Method: P4-ICP2(v1897)      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    | .66673 | 1.1085 | 1.5555 | .71000 | 1.1486 | .21007 | 32.386 | .34039 | 14.973 |
| Stddev | .00129 | .0013  | .0022  | .00125 | .0019  | .00086 | .424   | .00179 | .005   |
| %RSD   | .19366 | .11506 | .13969 | .17624 | .16695 | .40963 | .51425 | .52477 | .03049 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66582 | 1.1094 | 1.5571 | .71089 | 1.1473 | .21068 | 82.086 | .34165 | 14.977 |
| #2 | .66764 | 1.1076 | 1.5540 | .70912 | 1.1500 | .20946 | 82.685 | .33912 | 14.970 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.4082 | .31404 | 4.3049 | 1.4800 | 13.882 | 4.5702 | .53042 | 3.0501 | .61341 |
| Stddev | .0076  | .00067 | .0058  | .0003  | .675   | .0004  | .00383 | .0039  | .00095 |
| %RSD   | .22226 | .21195 | .13552 | .01822 | 4.8624 | .00925 | .72156 | .12878 | .15489 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4136 | .31451 | 4.3090 | 1.4798 | 14.359 | 4.5705 | .52771 | 3.0529 | .61408 |
| #2 | 3.4028 | .31357 | 4.3008 | 1.4802 | 13.405 | 4.5699 | .53312 | 3.0473 | .61274 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 14.800 | 1.1219  | 303.38 | 5.4218  | 3.2638 | .61656  | .48722  | .23975 | 1.6780 |
| Stddev | .015   | .0004   | 13.37  | .0075   | .0015  | .00296  | .00112  | .00184 | .0021  |
| %RSD   | .10240 | .03774  | 4.4075 | .13746  | .01776 | .47958  | .22888  | .76596 | .12189 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.810 | 1.1222 | 312.84 | 5.4271 | 8.2649 | .61447 | .48801 | .23845 | 1.6795 |
| #2 | 14.789 | 1.1216 | 293.93 | 5.4165 | 8.2628 | .61865 | .48643 | .24105 | 1.6766 |

|        |        |        |         |        |         |         |  |  |  |
|--------|--------|--------|---------|--------|---------|---------|--|--|--|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 | U_ 3670 | U_ 3859 |  |  |  |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S   |  |  |  |
| Avg    | 2.9392 | 20.182 | .8386   | 107.37 | 72.517  | 30.421  |  |  |  |
| Stddev | .0013  | .011   | .0025   | .55    | .705    | 3.558   |  |  |  |
| %RSD   | .04483 | .05328 | .2943   | .51563 | .97238  | 11.696  |  |  |  |

|    |        |        |       |        |        |        |  |  |  |
|----|--------|--------|-------|--------|--------|--------|--|--|--|
| #1 | 2.9401 | 20.174 | .8404 | 106.98 | 73.016 | 27.905 |  |  |  |
| #2 | 2.9382 | 20.190 | .8369 | 107.76 | 72.018 | 32.937 |  |  |  |

Sample Name: S5      Acquired: 1/4/2018 10:50:31      Type: Cal  
 Method: P4-ICP2(v1897)      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       | 2523.5  | 38788.  | 3768.1  | 33.154 | 2660.0 |
| Stddev    | .4      | 119.    | 14.8    | 3.657  | 3.4    |
| %RSD      | .01662  | .30583  | .39202  | 4.3980 | .12856 |
| #1        | 2523.8  | 38704.  | 3778.5  | 80.568 | 2657.5 |
| #2        | 2523.2  | 38872.  | 3757.7  | 85.740 | 2662.4 |



Sample Name: ICV01      Acquired: 1/4/2018 11:01:22      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .99720 | 1.0179 | .97610 | 1.0052 | .95631 | 2.4755 | .50605 |
| Stddev | .00838 | .0020  | .00221 | .0011  | .00326 | .0049  | .00066 |
| %RSD   | .83987 | .19412 | .22611 | .11062 | .34062 | .19647 | .13105 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .99128 | 1.0165 | .97454 | 1.0060 | .95401 | 2.4789 | .50558 |
| #2 | 1.0031 | 1.0193 | .97766 | 1.0044 | .95861 | 2.4721 | .50652 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48408 | .48116 | 10.140 | .49467 | .48528 | .51468 | 5.0386 |
| Stddev | .00066 | .00221 | .076   | .00263 | .00070 | .00367 | .0617  |
| %RSD   | .13680 | .46022 | .74683 | .53127 | .14458 | .71370 | 1.2238 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48455 | .47959 | 10.193 | .49653 | .48478 | .51208 | 4.9950 |
| #2 | .48361 | .48273 | 10.086 | .49281 | .48578 | .51728 | 5.0822 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50886 | 3.0314 | .48876 | .49733 | 9.9223 | .49323 | 1.0324 |
| Stddev | .00078 | .0305  | .00163 | .00132 | .0091  | .00080 | .0182  |
| %RSD   | .15388 | .50578 | .33302 | .26564 | .09141 | .16209 | 1.7636 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50942 | 6.0530 | .48761 | .49826 | 9.9288 | .49266 | 1.0195 |
| #2 | .50831 | 6.0098 | .48991 | .49639 | 9.9159 | .49379 | 1.0453 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820  | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 10.069 | 2.6119 | 2.6190 | F.00652 | 2.3999 | 2.4897 | 2.6246 |
| Stddev | .033   | .0041  | .0226  | .00124  | .0280  | .0067  | .0033  |
| %RSD   | .32972 | .15709 | .86263 | 19.046  | 1.1689 | .27053 | .12736 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.093 | 2.6090 | 2.6349 | .00739 | 2.3801 | 2.4849 | 2.6222 |
| #2 | 10.046 | 2.6148 | 2.6030 | .00564 | 2.4198 | 2.4944 | 2.6270 |

Sample Name: ICV01      Acquired: 1/4/2018 11:01:22      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707   | P_1774  | Sr4077   | U_3670   | U_3859   |
|-----------|----------|---------|----------|----------|----------|
| Units     | ppm      | ppm     | ppm      | ppm      | ppm      |
| Avg       | F .00296 | F .0044 | F .01142 | F 1.3248 | F 2.1087 |
| Stddev    | .00100   | .0028   | .00000   | .7692    | 1.5284   |
| %RSD      | 33.805   | 64.58   | .02372   | 58.059   | 72.483   |
| #1        | -.00226  | -.0024  | .01142   | 1.8687   | 3.1894   |
| #2        | -.00367  | -.0064  | .01142   | .78093   | 1.0279   |
| Int. Std. | Y_ 2243  | Y_ 3600 | Y_ 3710  | ln2306   | ln2306   |
| Units     | Cts/S    | Cts/S   | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2640.4   | 40549.  | 3817.7   | 35.372   | 3005.1   |
| Stddev    | 4.6      | 35.     | 19.9     | 1.334    | 3.2      |
| %RSD      | .17488   | .08628  | .52152   | 1.5621   | .10654   |
| #1        | 2643.6   | 40524.  | 3803.6   | 86.315   | 3007.3   |
| #2        | 2637.1   | 40574.  | 3831.8   | 84.429   | 3002.8   |

Sample Name: LLICV01      Acquired: 1/4/2018 11:05:16      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02103 | .03866 | .01447 | .02335 | .05126 | .09214 | .10247 |
| Stddev | .00118 | .00012 | .00037 | .00115 | .00032 | .00100 | .00012 |
| %RSD   | 5.6074 | .29843 | 2.5231 | 4.9044 | .63088 | 1.0875 | .11940 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02019 | .03874 | .01473 | .02416 | .05103 | .09143 | .10256 |
| #2 | .02186 | .03858 | .01421 | .02254 | .05149 | .09285 | .10239 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00627 | .00586 | 2.0460 | .01001 | .02956 | .02162 | .11591 |
| Stddev | .00003 | .00005 | .0334  | .00008 | .00036 | .00020 | .00577 |
| %RSD   | .44174 | .77754 | 1.6304 | .76863 | 1.2103 | .94306 | 4.9818 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00629 | .00582 | 2.0224 | .00996 | .02931 | .02177 | .11999 |
| #2 | .00625 | .00589 | 2.0696 | .01007 | .02981 | .02148 | .11183 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02190 | 2.0800 | .03943 | .01030 | 1.9630 | .04032 | .04785 |
| Stddev | .00005 | .0401  | .00040 | .00010 | .0200  | .00010 | .00154 |
| %RSD   | .22520 | 1.9297 | 1.0117 | .92897 | 1.0184 | .24120 | 3.2214 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02193 | 2.0516 | .03915 | .01023 | 1.9489 | .04039 | .04894 |
| #2 | .02186 | 2.1084 | .03971 | .01037 | 1.9771 | .04026 | .04676 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0348 | 20862  | .09837 | .02184 | .37769 | .04012 | .04384 |
| Stddev | .0049  | .00017 | .00173 | .00464 | .00506 | .00144 | .00357 |
| %RSD   | .24056 | .08110 | 1.7600 | 21.252 | 1.3406 | 3.6014 | 8.1361 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0383 | .20850 | .09959 | .01856 | .37411 | .03910 | .04132 |
| #2 | 2.0314 | .20874 | .09715 | .02512 | .38128 | .04114 | .04637 |

Sample Name: LLICV01      Acquired: 1/4/2018 11:05:16      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01932  | .0245   | .02167  | F<00000 | F<00000 |
| Stddev    | .00079  | .0010   | .00004  | .61609  | .85199  |
| %RSD      | 4.0851  | 3.993   | .18791  | 948.76  | 19.032  |
| #1        | .01876  | .0238   | .02164  | -.50058 | -3.8742 |
| #2        | .01988  | .0252   | .02170  | .37071  | -5.0791 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2645.5  | 40512.  | 3748.7  | 34.352  | 3080.2  |
| Stddev    | 6.4     | 123.    | 5.7     | 2.697   | 10.5    |
| %RSD      | .24042  | .30312  | .15185  | 3.1969  | .33970  |
| #1        | 2650.0  | 40425.  | 3752.7  | 82.445  | 3087.6  |
| #2        | 2641.0  | 40598.  | 3744.6  | 86.259  | 3072.8  |

Sample Name: ICB01      Acquired: 1/4/2018 11:10:18      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00085 | .00205 | .00224 | .00139 | .00101 | .00005 | .00077 |
| Stddev | .00010 | .00019 | .00067 | .00049 | .00198 | .01062 | .00028 |
| %RSD   | 11.980 | 9.1781 | 29.929 | 35.236 | 196.23 | 23598. | 35.766 |

|    |        |         |        |        |         |         |        |
|----|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00077 | -.00218 | .00271 | .00174 | -.00039 | .00746  | .00058 |
| #2 | .00092 | -.00192 | .00176 | .00104 | .00240  | -.00755 | .00097 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00007 | .00269 | .00041 | .00005 | .00017 | .01414 |
| Stddev | .0000  | .00004 | .00475 | .00001 | .00016 | .00002 | .01175 |
| %RSD   | 254.49 | 52.729 | 176.27 | 2.1790 | 324.23 | 13.892 | 83.081 |

|    |         |        |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00001 | .00004 | .00605  | -.00041 | -.00016 | .00016 | .02245 |
| #2 | .00000  | .00010 | -.00066 | -.00040 | .00006  | .00019 | .00583 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .01151 | .00035 | .00007 | .10149 | .00007 | .00041 |
| Stddev | .00000 | .02743 | .00017 | .00043 | .00759 | .00068 | .00000 |
| %RSD   | 10.554 | 238.35 | 47.424 | 625.18 | 7.4811 | 1026.0 | 1.0511 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00002 | .00789  | -.00047 | -.00024 | -.09612 | -.00041 | -.00041 |
| #2 | -.00002 | -.03090 | -.00023 | .00038  | -.10686 | .00054  | -.00041 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00116 | .00093 | .00445 | .00284 | .00297 | .00095 | .00057 |
| Stddev | .02668 | .00016 | .01644 | .00086 | .01112 | .00092 | .00281 |
| %RSD   | 2302.5 | 17.216 | 369.49 | 30.200 | 374.55 | 96.165 | 494.09 |

|    |         |         |         |        |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|
| #1 | .02002  | -.00082 | .00717  | .00344 | .00489  | -.00160 | -.00142 |
| #2 | -.01770 | -.00104 | -.01607 | .00223 | -.01083 | -.00030 | .00256  |

Sample Name: ICB01      Acquired: 1/4/2018 11:10:18      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00293 | .0029  | .00002 | F.16660 | F<00000 |
| Stddev | .00071 | .0015  | .00001 | .32529  | 4.4562  |
| %RSD   | 24.126 | 51.25  | 35.528 | 195.25  | 1744.5  |

|    |         |       |        |         |         |
|----|---------|-------|--------|---------|---------|
| #1 | -.00243 | .0018 | .00003 | -.06341 | 2.8956  |
| #2 | -.00343 | .0039 | .00002 | .39661  | -3.4065 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2654.5  | 40448.  | 3728.0  | 35.734 | 3103.5 |
| Stddev    | 1.2     | 38.     | 19.7    | 1.906  | .3     |
| %RSD      | .04667  | .09445  | .52951  | 2.2231 | .01109 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2655.4 | 40475. | 3714.0 | 84.386 | 3103.2 |
| #2 | 2653.6 | 40421. | 3742.0 | 87.082 | 3103.7 |

Sample Name: CRI01      Acquired: 1/4/2018 11:15:20      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02210 | .03797 | .01230 | .02297 | .04950 | .11357 | .10275 |
| Stddev | .00035 | .00099 | .00061 | .00067 | .00099 | .00046 | .00057 |
| %RSD   | 1.5943 | 2.6009 | 4.9928 | 2.9327 | 2.0041 | .40869 | .55848 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02185 | .03867 | .01273 | .02344 | .05020 | .11390 | .10316 |
| #2 | .02235 | .03727 | .01187 | .02249 | .04879 | .11324 | .10235 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00642 | .00593 | 2.0704 | .00935 | .02904 | .02171 | .11856 |
| Stddev | .00014 | .00008 | .0227  | .00013 | .00020 | .00037 | .00061 |
| %RSD   | 2.1643 | 1.3454 | 1.0978 | 1.3507 | .67849 | 1.6990 | .51293 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00632 | .00599 | 2.0543 | .00944 | .02918 | .02197 | .11899 |
| #2 | .00652 | .00587 | 2.0865 | .00926 | .02890 | .02144 | .11813 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02225 | 2.0390 | .03903 | .01063 | 1.9387 | .04098 | .04739 |
| Stddev | .00068 | .0291  | .00008 | .00061 | .0239  | .00115 | .00067 |
| %RSD   | 3.0728 | 1.4252 | .21119 | 5.7358 | 1.2356 | 2.8106 | 1.4218 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02177 | 2.0185 | .03897 | .01020 | 1.9218 | .04016 | .04691 |
| #2 | .02273 | 2.0596 | .03908 | .01106 | 1.9556 | .04179 | .04787 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0512 | .20749 | .08927 | .02096 | .36895 | .03905 | .04339 |
| Stddev | .0037  | .00221 | .01255 | .00226 | .00673 | .00041 | .00163 |
| %RSD   | .17966 | 1.0666 | 14.057 | 10.768 | 1.8229 | 1.0452 | 3.7638 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0538 | .20905 | .08040 | .01937 | .37370 | .03876 | .04454 |
| #2 | 2.0486 | .20592 | .09814 | .02256 | .36419 | .03934 | .04223 |

Sample Name: CRI01      Acquired: 1/4/2018 11:15:20      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01777  | .0257   | .02136  | F<00000 | F1.7293 |
| Stddev    | .00044  | .0029   | .00015  | .55137  | 2.6987  |
| %RSD      | 2.4964  | 11.32   | .70288  | 149.57  | 156.06  |
| #1        | .01808  | .0278   | .02147  | .02123  | 3.6376  |
| #2        | .01745  | .0237   | .02125  | -.75853 | -.17902 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2635.7  | 39706.  | 3746.8  | 33.795  | 3079.0  |
| Stddev    | 23.6    | 947.    | 10.2    | 1.491   | 34.4    |
| %RSD      | .89680  | 2.3844  | .27129  | 1.7798  | 1.1173  |
| #1        | 2618.9  | 40376.  | 3754.0  | 84.850  | 3054.7  |
| #2        | 2652.4  | 39037.  | 3739.7  | 82.741  | 3103.3  |



Sample Name: ICSA01      Acquired: 1/4/2018 11:20:19      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |         |         |        |         |         |          |
|--------|---------|--------|---------|---------|--------|---------|---------|----------|
| Elem   | As1890  | Tl1908 | Pb2203  | Se1960  | Sb2068 | Al3961  | Ba4934  | Be2348   |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm      |
| Avg    | .00498  | .00061 | .00060  | .00828  | .00559 | 274.13  | .00540  | .00035   |
| Stddev | .00018  | .00045 | .00052  | .00309  | .00118 | 1.04    | .00014  | .00002   |
| %RSD   | 3.5527  | 74.572 | 85.629  | 37.364  | 21.132 | .38007  | 2.6288  | 5.2934   |
| #1     | .00485  | .00029 | .00024  | .00609  | .00643 | 274.87  | .00550  | -.00036  |
| #2     | .00510  | .00093 | .00097  | .01047  | .00476 | 273.40  | .00530  | -.00033  |
| Elem   | Cd2265  | Ca3736 | Cr2677  | Co2286  | Cu2247 | Fe2404  | Mn2576  | Mg2790   |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm      |
| Avg    | .00214  | 249.04 | .04586  | .00035  | .02028 | 103.30  | .01616  | 266.15   |
| Stddev | .00026  | .37    | .00018  | .00045  | .00127 | 1.19    | .00002  | .75      |
| %RSD   | 12.161  | .14952 | .40262  | 130.05  | 6.2446 | 1.1538  | .11666  | .28211   |
| #1     | -.00196 | 249.30 | .04573  | -.00066 | .01939 | 102.46  | .01614  | 265.62   |
| #2     | -.00233 | 248.78 | .04599  | -.00003 | .02118 | 104.15  | .01617  | 266.68   |
| Elem   | Ni2316  | Ag3280 | Na5895  | V_2924  | Zn2138 | K_7664  | Mo2020  | B_2496   |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm      |
| Avg    | .00297  | .00678 | .04037  | .00145  | .00478 | .00510  | .00105  | .09559   |
| Stddev | .00073  | .00069 | .00941  | .00028  | .00003 | .02940  | .00040  | .00402   |
| %RSD   | 24.598  | 10.227 | 23.315  | 19.066  | .69122 | 575.98  | 38.714  | 4.2049   |
| #1     | .00246  | .00629 | -.04702 | .00165  | .00480 | .01569  | -.00076 | .09275   |
| #2     | .00349  | .00727 | -.03371 | .00126  | .00476 | -.02590 | -.00133 | .09843   |
| Elem   | S_1820  | Si2881 | Sn1899  | Ti3361  | Li6707 | P_1774  | Sr4077  | U_3670   |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm     | ppm      |
| Avg    | .00845  | .02902 | .00125  | .00544  | .00142 | .0072   | .08660  | F 16.856 |
| Stddev | .00687  | .01278 | .00178  | .00082  | .00187 | .0040   | .00057  | .749     |
| %RSD   | 81.353  | 44.037 | 142.67  | 15.034  | 131.88 | 56.07   | .65845  | 1.5990   |
| #1     | -.01331 | .03806 | .00251  | -.00486 | .00274 | .0043   | .08700  | 46.327   |
| #2     | -.00359 | .01999 | -.00001 | -.00601 | .00010 | .0100   | .08620  | 47.386   |

Sample Name: ICSA01      Acquired: 1/4/2018 11:20:19      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |                                           |
|--------|-------------------------------------------|
| Elem   | U_3859                                    |
| Units  | ppm                                       |
| Avg    | <span style="color: red;">F</span> 128.43 |
| Stddev | 2.25                                      |
| %RSD   | 1.7493                                    |

|    |        |
|----|--------|
| #1 | 126.85 |
| #2 | 130.02 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2394.9  | 36446.  | 3659.7  | 77.634 | 2550.7 |
| Stddev    | 4.6     | 86.     | 9.2     | .594   | 9.0    |
| %RSD      | .19134  | .23562  | .25175  | .76467 | .35337 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2391.6 | 36386. | 3653.2 | 78.054 | 2544.3 |
| #2 | 2398.1 | 36507. | 3666.3 | 77.215 | 2557.1 |

Sample Name: ICSAB01      Acquired: 1/4/2018 11:25:17      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |         |         |          |          |
|--------|----------|----------|----------|----------|---------|---------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068  | Al3961  | Ba4934   | Be2348   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm     | ppm     | ppm      | ppm      |
| Avg    | .10859   | .10714   | .05023   | .06042   | .63559  | .280.39 | .53719   | .56332   |
| Stddev | .00193   | .00096   | .00045   | .00367   | .00151  | .68     | .00234   | .00132   |
| %RSD   | 1.7753   | .89446   | .90055   | 6.0785   | .23818  | .24107  | .43467   | .23424   |
| #1     | .10723   | .10782   | .05055   | .06302   | .63452  | 280.87  | .53554   | .56238   |
| #2     | .10996   | .10646   | .04991   | .05782   | .63666  | 279.92  | .53884   | .56425   |
| Elem   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247  | Fe2404  | Mn2576   | Mg2790   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm     | ppm     | ppm      | ppm      |
| Avg    | 1.0334   | 249.68   | .56267   | .51895   | .54330  | 102.95  | .54927   | 265.91   |
| Stddev | .0006    | 1.10     | .00085   | .00136   | .00003  | .87     | .00142   | 1.70     |
| %RSD   | .05310   | .43886   | .15049   | .26113   | .00563  | .84394  | .25775   | .63765   |
| #1     | 1.0338   | 248.90   | .56327   | .51991   | .54332  | 103.57  | .54827   | 264.72   |
| #2     | 1.0330   | 250.45   | .56207   | .51799   | .54328  | 102.34  | .55027   | 267.11   |
| Elem   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138  | K_7664  | Mo2020   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm     | ppm     | ppm      | ppm      |
| Avg    | 1.0291   | .18674   | .05196   | .52485   | 1.0902  | .01856  | F 1.1571 | F 1.2365 |
| Stddev | .0003    | .00083   | .00560   | .00277   | .0066   | .02108  | .0044    | .0019    |
| %RSD   | .02500   | .44321   | 10.768   | .52797   | .60697  | 113.61  | .38190   | .15339   |
| #1     | 1.0289   | .18732   | -.05592  | .52289   | 1.0948  | .03346  | 1.1602   | 1.2351   |
| #2     | 1.0292   | .18615   | -.04800  | .52681   | 1.0855  | .00365  | 1.1539   | 1.2378   |
| Elem   | S_1820   | Si2881   | Sn1899   | Ti3361   | Li6707  | P_1774  | Sr4077   | U_3670   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm     | ppm     | ppm      | ppm      |
| Avg    | F .45184 | F 1.0499 | F 1.1435 | F 1.1196 | .00003  | F .0017 | .08735   | F 46.714 |
| Stddev | .00494   | .0153    | .0033    | .0077    | .00015  | .0003   | .00013   | .605     |
| %RSD   | 1.0922   | 1.4530   | .29052   | .68647   | 474.00  | 18.51   | .14380   | 1.2948   |
| #1     | .45533   | 1.0391   | 1.1458   | 1.1141   | -.00014 | .0014   | .08744   | 46.286   |
| #2     | .44835   | 1.0607   | 1.1411   | 1.1250   | .00007  | .0019   | .08727   | 47.142   |

Sample Name: ICSAB01      Acquired: 1/4/2018 11:25:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
 Comment:

|        |                |
|--------|----------------|
| Elem   | U_3859         |
| Units  | ppm            |
| Avg    | <b>F133.10</b> |
| Stddev | .90            |
| %RSD   | .67615         |

|    |               |
|----|---------------|
| #1 | <b>132.46</b> |
| #2 | <b>133.74</b> |

|           |               |               |               |               |               |
|-----------|---------------|---------------|---------------|---------------|---------------|
| Int. Std. | Y_ 2243       | Y_ 3600       | Y_ 3710       | In2306        | In2306        |
| Units     | Cts/S         | Cts/S         | Cts/S         | Cts/S         | Cts/S         |
| Avg       | <b>2386.3</b> | <b>36270.</b> | <b>3694.1</b> | <b>78.450</b> | <b>2546.1</b> |
| Stddev    | 7.4           | 21.           | 20.1          | .701          | 8.1           |
| %RSD      | .30857        | .05890        | .54376        | .89380        | .31939        |

|    |               |               |               |               |               |
|----|---------------|---------------|---------------|---------------|---------------|
| #1 | <b>2381.1</b> | <b>36255.</b> | <b>3708.3</b> | <b>77.955</b> | <b>2540.4</b> |
| #2 | <b>2391.5</b> | <b>36286.</b> | <b>3679.9</b> | <b>78.946</b> | <b>2551.9</b> |

Sample Name: CCV01      Acquired: 1/4/2018 11:34:40      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0295 | 4.9292 | 4.9267 | 5.0219 | 5.0315 | 9.9935 | 10.130 | .25052 |
| Stddev | .0070  | .0004  | .0006  | .0123  | .0098  | .0416  | .000   | .00082 |
| %RSD   | .13853 | .00856 | .01194 | .24424 | .19549 | .41631 | .00035 | .32663 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0245 | 4.9289 | 4.9263 | 5.0133 | 5.0245 | 9.9641 | 10.130 | .25110 |
| #2 | 5.0344 | 4.9295 | 4.9271 | 5.0306 | 5.0384 | 10.023 | 10.130 | .24994 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4487 | 25.110 | .99784 | 2.4666 | 1.2646 | 5.1800 | 2.5185 | 25.074 |
| Stddev | .0006  | .181   | .00431 | .0026  | .0006  | .0971  | .0016  | .002   |
| %RSD   | .02432 | .72226 | .43170 | .10626 | .04868 | 1.8750 | .06249 | .00724 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4483 | 24.982 | 1.0009 | 2.4648 | 1.2650 | 5.2487 | 2.5196 | 25.076 |
| #2 | 2.4491 | 25.238 | .99479 | 2.4685 | 1.2641 | 5.1113 | 2.5174 | 25.073 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4657 | 1.2523 | 25.006 | 2.5020 | 2.6111 | 25.405 | 5.0722 | 5.0971 |
| Stddev | .0060  | .0025  | .009   | .0036  | .0604  | .066   | .0092  | .0189  |
| %RSD   | .24279 | .20309 | .03477 | .14369 | 2.3114 | .25977 | .18128 | .37020 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4615 | 1.2505 | 25.000 | 2.5045 | 2.6537 | 25.452 | 5.0657 | 5.1104 |
| #2 | 2.4700 | 1.2541 | 25.012 | 2.4994 | 2.5684 | 25.359 | 5.0787 | 5.0837 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.9018 | 4.9506 | 4.9271 | 5.0449 | 5.0734 | 4.829  | 5.0330 | F1.9673 |
| Stddev | .0007  | .0003  | .0086  | .0195  | .0121  | .010   | .0052  | .5729   |
| %RSD   | .01382 | .00564 | .17454 | .38609 | .23935 | .2151  | .10260 | 29.123  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9023 | 4.9504 | 4.9210 | 5.0587 | 5.0648 | 4.822 | 5.0366 | 1.5622 |
| #2 | 4.9013 | 4.9508 | 4.9332 | 5.0312 | 5.0819 | 4.837 | 5.0293 | 2.3725 |

Sample Name: CCV01      Acquired: 1/4/2018 11:34:40      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      ~~F~~1.4380  
 Stddev      3.6388  
 %RSD      253.04

#1      4.0110  
 #2      -1.1350

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2546.7  | 38986.  | 3735.6  | 31.152 | 2811.0 |
| Stddev    | 1.1     | 186.    | 24.1    | 2.016  | 4.6    |
| %RSD      | .04187  | .47607  | .64531  | 2.4836 | .16514 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2545.9 | 38855. | 3718.6 | 79.727 | 2807.7 |
| #2 | 2547.4 | 39117. | 3752.7 | 82.577 | 2814.2 |

Sample Name: LLCCV01      Acquired: 1/4/2018 11:39:18      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02075 | .03782 | .01244 | .02318 | .04995 | .09244 | .09987 |
| Stddev | .00139 | .00001 | .00109 | .00261 | .00079 | .01287 | .00017 |
| %RSD   | 6.7241 | .03755 | 8.7222 | 11.251 | 1.5843 | 13.920 | .17282 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01976 | .03783 | .01321 | .02134 | .04939 | .10153 | .09975 |
| #2 | .02173 | .03781 | .01167 | .02503 | .05051 | .08334 | .10000 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00601 | .00554 | 1.9937 | .00918 | .02867 | .02087 | .10791 |
| Stddev | .00009 | .00003 | .0032  | .00012 | .00007 | .00003 | .00873 |
| %RSD   | 1.5330 | .52786 | .16167 | 1.3341 | .23630 | .16751 | 8.0861 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00595 | .00556 | 1.9915 | .00927 | .02862 | .02085 | .10174 |
| #2 | .00608 | .00552 | 1.9960 | .00910 | .02872 | .02090 | .11409 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02098 | 2.0055 | .03793 | .01024 | 1.8785 | .03940 | .04202 |
| Stddev | .00000 | .0091  | .00059 | .00061 | .0118  | .00015 | .00018 |
| %RSD   | .00364 | .45480 | 1.5632 | 5.9135 | .62837 | .37439 | .43433 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02098 | 2.0119 | .03835 | .01066 | 1.8701 | .03929 | .04189 |
| #2 | .02098 | 1.9990 | .03751 | .00981 | 1.8868 | .03950 | .04215 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9719 | .20402 | .09654 | .01522 | .38163 | .03795 | .04343 |
| Stddev | .0477  | .00078 | .00099 | .00141 | .00166 | .00070 | .00106 |
| %RSD   | 2.4187 | .38385 | 1.0264 | 9.2756 | .43441 | 1.8444 | 2.4315 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0057 | .20457 | .09724 | .01621 | .38045 | .03746 | .04418 |
| #2 | 1.9382 | .20346 | .09584 | .01422 | .38280 | .03845 | .04269 |

Sample Name: LLCCV01      Acquired: 1/4/2018 11:39:18      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLCCV01      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01587  | .0220   | .02072  | F.08460 | F<00000 |
| Stddev    | .00075  | .0000   | .00016  | .90468  | 3.7334  |
| %RSD      | 4.7529  | .0883   | .76603  | 1069.4  | 350.48  |
| #1        | .01533  | .0220   | .02083  | -.55511 | -3.7052 |
| #2        | .01640  | .0220   | .02060  | .72430  | 1.5747  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2639.6  | 40295.  | 3745.3  | 36.416  | 3092.0  |
| Stddev    | 8.1     | 93.     | 7.5     | .125    | 12.8    |
| %RSD      | .30705  | .23061  | .19934  | .14506  | .41413  |
| #1        | 2633.9  | 40229.  | 3740.0  | 86.505  | 3083.0  |
| #2        | 2645.4  | 40360.  | 3750.5  | 86.327  | 3101.1  |



Sample Name: CCB01      Acquired: 1/4/2018 12:04:29      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  | Be2348  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00193  | -.00066 | .00170  | .00240  | .00151  | -.00844 | .00081  | -.00002 |
| Stddev | .00073  | .00062  | .00067  | .00055  | .00033  | .00951  | .00134  | .00007  |
| %RSD   | 37.729  | 93.309  | 39.175  | 23.122  | 21.691  | 112.67  | 165.40  | 412.16  |
| #1     | .00141  | -.00023 | .00123  | .00201  | .00128  | -.01517 | -.00014 | .00003  |
| #2     | .00244  | -.00110 | .00217  | .00279  | .00174  | -.00172 | .00176  | -.00007 |
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00004 | .01935  | -.00083 | -.00008 | -.00027 | .00927  | .00002  | -.02698 |
| Stddev | .00005  | .01207  | .00019  | .00027  | .00055  | .01046  | .00004  | .02427  |
| %RSD   | 113.22  | 62.374  | 22.524  | 335.27  | 201.46  | 112.77  | 176.97  | 89.976  |
| #1     | -.00007 | .01082  | -.00070 | -.00027 | -.00066 | .00188  | .00005  | -.04414 |
| #2     | -.00001 | .02789  | -.00097 | .00011  | .00012  | .01667  | -.00001 | -.00981 |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020  | B_2496  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00003 | .00008  | -.12387 | -.00019 | -.00053 | .01788  | -.00125 | -.00620 |
| Stddev | .00020  | .00037  | .00414  | .00036  | .00013  | .02784  | .00000  | .00505  |
| %RSD   | 628.57  | 467.28  | 3.3419  | 193.20  | 24.953  | 155.73  | .16861  | 81.352  |
| #1     | .00011  | -.00018 | -.12094 | .00007  | -.00062 | .03757  | -.00125 | -.00263 |
| #2     | -.00017 | .00035  | -.12680 | -.00044 | -.00043 | -.00181 | -.00125 | -.00977 |
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707  | P_1774  | Sr4077  | U_3670  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | -.00107 | .00494  | .00011  | .00327  | -.00379 | .0033   | .00000  | F_22805 |
| Stddev | .00395  | .00763  | .00036  | .00020  | .00056  | .0021   | .00010  | .35001  |
| %RSD   | 369.31  | 154.44  | 330.74  | 5.9996  | 14.833  | 62.61   | 6295.6  | 153.48  |
| #1     | .00172  | -.00046 | -.00015 | .00341  | -.00339 | .0048   | .00007  | .47554  |
| #2     | -.00387 | .01034  | .00036  | .00313  | -.00419 | .0018   | -.00007 | -.01944 |

Sample Name: CCB01      Acquired: 1/4/2018 12:04:29      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F.01638  
 Stddev      2.7087  
 %RSD      16538.

#1      -1.8990  
 #2      1.9317

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2650.5  | 40424.  | 3726.9  | 37.877 | 3119.9 |
| Stddev    | 4.9     | 155.    | 2.1     | 1.337  | 4.3    |
| %RSD      | .18431  | .38276  | .05708  | 1.5215 | .13637 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2647.1 | 40315. | 3725.4 | 88.823 | 3116.9 |
| #2 | 2654.0 | 40533. | 3728.4 | 86.932 | 3122.9 |

Sample Name: PB105471BL      Acquired: 1/4/2018 12:08:36      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00005 | .00074 | .00161 | .00075 | .00133 | .00567 | .00047 |
| Stddev | .00020 | .00034 | .00010 | .00064 | .00304 | .00362 | .00037 |
| %RSD   | 395.28 | 46.437 | 5.9438 | 85.830 | 228.06 | 63.844 | 80.167 |

|    |         |        |        |        |         |         |         |
|----|---------|--------|--------|--------|---------|---------|---------|
| #1 | -.00020 | .00098 | .00155 | .00121 | -.00082 | -.00823 | -.00073 |
| #2 | .00009  | .00050 | .00168 | .00029 | .00349  | -.00311 | -.00020 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00002 | .00104 | .00023 | .00009 | .00053 | .01171 |
| Stddev | .00000 | .00009 | .01710 | .00024 | .00052 | .00018 | .00376 |
| %RSD   | 22.763 | 473.50 | 1637.5 | 106.84 | 577.11 | 34.008 | 32.109 |

|    |        |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00001 | .00008  | .01314  | -.00040 | -.00046 | .00066 | .01437 |
| #2 | .00001 | -.00005 | -.01105 | -.00006 | .00028  | .00041 | .00905 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00984 | .00017 | .00001 | .10719 | .00047 | .00042 |
| Stddev | .00003 | .00098 | .00031 | .00034 | .01219 | .00027 | .00004 |
| %RSD   | 103.48 | 9.9206 | 180.82 | 6326.0 | 11.369 | 57.043 | 10.050 |

|    |        |        |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|--------|---------|
| #1 | .00005 | .00915 | -.00039 | -.00025 | -.11581 | .00028 | -.00039 |
| #2 | .00001 | .01053 | .00005  | .00024  | -.09857 | .00066 | -.00045 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00755 | .00131 | .00698 | .00033 | .00778 | .00117 | .00039 |
| Stddev | .02534 | .00010 | .01224 | .00297 | .01228 | .00017 | .00287 |
| %RSD   | 335.49 | 7.4893 | 175.42 | 906.99 | 157.96 | 14.347 | 732.62 |

|    |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|
| #1 | .02547  | -.00124 | -.01563 | .00243  | -.00091 | -.00129 | .00242  |
| #2 | -.01036 | -.00138 | .00168  | -.00177 | .01646  | -.00105 | -.00164 |

Sample Name: PB105471BL      Acquired: 1/4/2018 12:08:36      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00455 | .0019  | .00012 | F.01619 | F<00000 |
| Stddev | .00095 | .0005  | .00001 | .02829  | 1.9641  |
| %RSD   | 20.862 | 24.39  | 7.4903 | 174.82  | 130.08  |

|    |         |       |         |         |         |
|----|---------|-------|---------|---------|---------|
| #1 | -.00522 | .0016 | -.00012 | .03619  | -2.8987 |
| #2 | -.00388 | .0023 | -.00013 | -.00382 | -.12104 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2646.7  | 40440.  | 3723.7  | 34.314 | 3108.2 |
| Stddev    | 31.6    | 190.    | 19.4    | 1.286  | 45.4   |
| %RSD      | 1.1935  | .46875  | .52078  | 1.5248 | 1.4595 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2624.3 | 40306. | 3710.0 | 83.405 | 3076.1 |
| #2 | 2669.0 | 40574. | 3737.5 | 85.223 | 3140.3 |

Sample Name: PB105471BS      Acquired: 1/4/2018 12:14:09      Type: Unk  
Method: P4-ICP2(v1897)      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    | .85378 | 2.0496 | 1.0192 | 2.0842 | .90176 | 2.1537 | F .23104 |
| Stddev | .00573 | .0186  | .0104  | .0237  | .00571 | .0018  | .00063   |
| %RSD   | .67154 | .90698 | 1.0193 | 1.1380 | .63352 | .08282 | .27419   |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .84972 | 2.0365 | 1.0118 | 2.0675 | .89772 | 2.1524 | .23059 |
| #2 | .85783 | 2.0628 | 1.0265 | 2.1010 | .90580 | 2.1549 | .23149 |

|        |        |        |          |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736   | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20728 | .20299 | F 1.1834 | .44408 | .21135 | .33912 | 3.4362 |
| Stddev | .00040 | .00180 | .0087    | .00141 | .00254 | .00316 | .0417  |
| %RSD   | .19058 | .88575 | .73640   | .31686 | 1.2029 | .93043 | 1.2143 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20756 | .20172 | 1.1772 | .44508 | .20955 | .33689 | 3.4066 |
| #2 | .20700 | .20426 | 1.1895 | .44309 | .21315 | .34135 | 3.4657 |

|        |        |          |        |        |        |        |        |
|--------|--------|----------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22824 | F 2.3095 | .52568 | .07671 | 3.3105 | .33715 | .22778 |
| Stddev | .00005 | .0285    | .00607 | .00091 | .0001  | .00060 | .00147 |
| %RSD   | .02118 | 1.2360   | 1.1552 | 1.1801 | .00288 | .17695 | .64446 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22820 | 2.3297 | .52138 | .07607 | 3.3105 | .33673 | .22674 |
| #2 | .22827 | 2.2893 | .52997 | .07735 | 3.3104 | .33757 | .22882 |

|        |        |          |        |          |        |        |          |
|--------|--------|----------|--------|----------|--------|--------|----------|
| Elem   | K_7664 | Mo2020   | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361   |
| Units  | ppm    | ppm      | ppm    | ppm      | ppm    | ppm    | ppm      |
| Avg    | 11.375 | F .48956 | .32765 | F .00016 | 1.0121 | .74793 | F .24207 |
| Stddev | .008   | .00369   | .00608 | .00075   | .0161  | .00604 | .00051   |
| %RSD   | .07437 | .75278   | 1.8571 | 459.04   | 1.5868 | .80702 | .21220   |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 11.369 | .48695 | .32335 | .00069  | 1.0234 | .74367 | .24171 |
| #2 | 11.381 | .49216 | .33195 | -.00036 | 1.0007 | .75220 | .24243 |

Sample Name: PB105471BS      Acquired: 1/4/2018 12:14:09      Type: Unk  
Method: P4-ICP2(v1897)      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       | .22739  | F 3.468 | .22579  | F < 00000 | F 13.451 |
| Stddev    | .00155  | .059    | .00023  | .35755    | .117     |
| %RSD      | .67947  | .9141   | .10145  | 29.389    | .87316   |
| #1        | .22848  | 6.426   | .22563  | -1.4694   | 13.534   |
| #2        | .22630  | 6.509   | .22596  | -.96377   | 13.368   |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306    | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S     | Cts/S    |
| Avg       | 2573.0  | 40420.  | 3707.9  | 33.771    | 3053.8   |
| Stddev    | 7.5     | 122.    | 28.5    | .261      | 16.2     |
| %RSD      | .29064  | .30186  | .76864  | .31137    | .53038   |
| #1        | 2578.2  | 40334.  | 3687.8  | 83.955    | 3065.2   |
| #2        | 2567.7  | 40506.  | 3728.1  | 83.586    | 3042.3   |

Sample Name: J1029-01      Acquired: 1/4/2018 12:18:11      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00188 | .00241 | .01327 | .00381 | .01156 | .54627 | .03272 |
| Stddev | .00140 | .00054 | .00008 | .00242 | .00014 | .02232 | .00084 |
| %RSD   | 74.636 | 22.448 | .63823 | 63.334 | 1.1695 | 4.0860 | 2.5780 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00287 | -.00279 | .01333 | .00211 | .01165 | .53049 | .03212 |
| #2 | .00089 | -.00203 | .01321 | .00552 | .01146 | .56206 | .03331 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00021 | 33.174 | .00520 | .00058 | .06073 | 3.3388 |
| Stddev | .00004 | .00012 | .188   | .00022 | .00022 | .00033 | .0269  |
| %RSD   | 46.351 | 54.735 | .56793 | 4.2748 | 36.985 | .54850 | .42507 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00006 | .00013 | 33.308 | .00504 | .00043 | .06097 | 6.3578 |
| #2 | .00011 | .00029 | 33.041 | .00535 | .00074 | .06050 | 6.3197 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03535 | 3.7754 | .00572 | .00104 | 309.52 | .00269 | .29902 |
| Stddev | .00016 | .0582  | .00079 | .00035 | .42    | .00021 | .00126 |
| %RSD   | .45900 | .66342 | 13.826 | 34.010 | .13544 | 7.8212 | .42125 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03523 | 8.7342 | .00628 | .00079 | 309.82 | .00255 | .29991 |
| #2 | .03546 | 8.8166 | .00516 | .00129 | 309.23 | .00284 | .29813 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.5272 | .01254 | .11142 | 14.643 | 4.1107 | .01437 | .00533 |
| Stddev | .0429  | .00012 | .00163 | .020   | .0080  | .00030 | .00204 |
| %RSD   | .56962 | .96037 | 1.4591 | .13401 | .19458 | 2.0848 | 38.361 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.5575 | .01245 | .11257 | 14.630 | 4.1050 | .01458 | .00388 |
| #2 | 7.4969 | .01262 | .11027 | 14.657 | 4.1163 | .01416 | .00677 |

Sample Name: J1029-01      Acquired: 1/4/2018 12:18:11      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01479 | 2.010  | .12634 | 4.9040 | F<00000 |
| Stddev | .00041 | .000   | .00034 | .3759  | 3.8956  |
| %RSD   | 2.8056 | .0129  | .27045 | 7.6649 | 8.3795  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01508 | 2.010 | .12658 | 4.6382 | -43.735 |
| #2 | .01450 | 2.011 | .12610 | 5.1698 | -49.244 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2581.0  | 39518.  | 3959.0  | 35.568 | 2851.3 |
| Stddev    | 4.1     | 51.     | 22.9    | .103   | 3.5    |
| %RSD      | .16026  | .12850  | .57928  | .12020 | .12389 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2583.9 | 39554. | 3942.8 | 85.495 | 2853.8 |
| #2 | 2578.1 | 39482. | 3975.2 | 85.641 | 2848.8 |



Sample Name: J1029-01DUP      Acquired: 1/4/2018 12:22:22      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00043 | .00036 | .01258 | .00502 | .00978 | .55387 | .03307 |
| Stddev | .00121 | .00009 | .00272 | .00204 | .00127 | .01840 | .00147 |
| %RSD   | 281.48 | 23.510 | 21.600 | 40.563 | 12.936 | 3.3219 | 4.4381 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | .00043  | -.00030 | .01066 | .00358 | .01068 | .56688 | .03410 |
| #2 | -.00129 | -.00042 | .01450 | .00646 | .00889 | .54086 | .03203 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00019 | 32.991 | .00499 | .00070 | .06077 | 3.1845 |
| Stddev | .00003 | .00005 | .767   | .00018 | .00018 | .00087 | .0137  |
| %RSD   | 28.266 | 24.828 | 2.3249 | 3.5081 | 26.048 | 1.4293 | .22178 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00009 | .00022 | 33.533 | .00511 | .00057 | .06016 | 6.1942 |
| #2 | .00014 | .00016 | 32.448 | .00487 | .00083 | .06138 | 6.1748 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03540 | 3.7555 | .00499 | .00043 | 310.37 | .00254 | .28177 |
| Stddev | .00015 | .1967  | .00038 | .00016 | 4.08   | .00047 | .00025 |
| %RSD   | .41813 | 2.2467 | 7.6687 | 36.427 | 1.3160 | 18.294 | .08981 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03529 | 8.8946 | .00526 | .00032 | 313.25 | .00221 | .28159 |
| #2 | .03550 | 8.6164 | .00472 | .00054 | 307.48 | .00287 | .28195 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 7.4456 | .01266 | .10828 | 14.804 | 4.1315 | .01434 | .00667 |
| Stddev | .1773  | .00026 | .00356 | .009   | .0714  | .00054 | .00140 |
| %RSD   | 2.3810 | 2.0857 | 3.2894 | .06034 | 1.7290 | 3.7500 | 21.026 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 7.5709 | .01248 | .10576 | 14.798 | 4.1820 | .01396 | .00766 |
| #2 | 7.3202 | .01285 | .11080 | 14.811 | 4.0810 | .01472 | .00567 |

Sample Name: J1029-01DUP      Acquired: 1/4/2018 12:22:22      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644DUP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01523 | 2.032  | .12640 | 4.7108 | F<00000 |
| Stddev | .00033 | .004   | .00305 | .2014  | 3.4418  |
| %RSD   | 2.1385 | .1734  | 2.4168 | 4.2755 | 7.3279  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01546 | 2.035 | .12856 | 4.5684 | -49.402 |
| #2 | .01500 | 2.030 | .12424 | 4.8532 | -44.534 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2529.6  | 38975.  | 4005.4  | 39.023 | 2794.0 |
| Stddev    | .0      | 60.     | 79.3    | .045   | 4.1    |
| %RSD      | .00159  | .15419  | 1.9810  | .05055 | .14668 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2529.6 | 38933. | 3949.3 | 88.991 | 2791.1 |
| #2 | 2529.6 | 39018. | 4061.5 | 89.055 | 2796.9 |

Sample Name: J1029-01LX5      Acquired: 1/4/2018 12:26:30      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00162 | .00130 | .00560 | .00114 | .00228 | .09915 | .00527 |
| Stddev | .00363 | .00120 | .00091 | .00131 | .00242 | .00573 | .00048 |
| %RSD   | 223.82 | 92.361 | 16.287 | 115.08 | 105.95 | 5.7815 | 9.0946 |

|    |         |         |        |         |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|
| #1 | -.00418 | -.00045 | .00624 | -.00207 | .00057 | .10320 | .00493 |
| #2 | .00094  | -.00214 | .00495 | -.00021 | .00400 | .09509 | .00561 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00007 | 3.5955 | .00094 | .00029 | .01213 | 1.2161 |
| Stddev | .00002 | .00006 | .0645  | .00038 | .00019 | .00010 | .0063  |
| %RSD   | 97.875 | 75.852 | .97737 | 40.788 | 66.079 | .81017 | .52003 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00003 | .00011 | 6.5499 | .00067 | .00043 | .01220 | 1.2116 |
| #2 | .00001 | .00003 | 6.6411 | .00120 | .00016 | .01206 | 1.2205 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00693 | 1.7444 | .00135 | .00046 | 31.867 | .00080 | .05844 |
| Stddev | .00014 | .0148  | .00003 | .00111 | .271   | .00022 | .00005 |
| %RSD   | 2.0055 | .84990 | 2.1603 | 242.94 | .43751 | 27.950 | .09264 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00703 | 1.7339 | .00133 | .00124  | 61.675 | .00095 | .05848 |
| #2 | .00683 | 1.7549 | .00137 | -.00033 | 62.058 | .00064 | .05840 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4406 | .00130 | .00673 | 2.6554 | .83749 | .00247 | .00360 |
| Stddev | .0133  | .00020 | .00464 | .0150  | .02829 | .00075 | .00082 |
| %RSD   | .92509 | 15.575 | 68.908 | .56600 | 3.3781 | 30.440 | 22.858 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4500 | .00145 | .01001 | 2.6447 | .81749 | .00301 | .00302 |
| #2 | 1.4311 | .00116 | .00345 | 2.6660 | .85750 | .00194 | .00418 |

Sample Name: J1029-01LX5      Acquired: 1/4/2018 12:26:30      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00091 | .3670  | .02543 | 1.5500 | F<00000 |
| Stddev | .00124 | .0007  | .00006 | .0812  | .38091  |
| %RSD   | 135.18 | .2009  | .23005 | 5.2372 | 3.4544  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00179 | .3665 | .02539 | 1.6074 | -11.296 |
| #2 | .00004 | .3675 | .02547 | 1.4926 | -10.757 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2585.1  | 39661.  | 3832.5  | 36.329 | 2968.4 |
| Stddev    | 3.2     | 411.    | 3.4     | .075   | 3.6    |
| %RSD      | .12221  | 1.0353  | .08829  | .08683 | .12169 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2582.8 | 39371. | 3830.1 | 86.276 | 2965.8 |
| #2 | 2587.3 | 39951. | 3834.9 | 86.382 | 2970.9 |

Sample Name: J1029-01MS      Acquired: 1/4/2018 12:30:36      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644MS      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .90563 | 2.0249 | 1.0547 | 2.1978 | .86993 | 2.8699 | .25290 |
| Stddev | .00506 | .0013  | .0005  | .0082  | .00396 | .0070  | .00647 |
| %RSD   | .55830 | .06157 | .04865 | .37151 | .45565 | .24456 | 2.5593 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90921 | 2.0240 | 1.0543 | 2.2036 | .87273 | 2.8650 | .24833 |
| #2 | .90206 | 2.0258 | 1.0551 | 2.1921 | .86713 | 2.8749 | .25748 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22636 | .21027 | 35.166 | .43158 | .21356 | .39038 | .33840 |
| Stddev | .00116 | .00019 | 1.064  | .00023 | .00086 | .00119 | .5246  |
| %RSD   | .51418 | .08861 | 3.0257 | .05228 | .40281 | .30432 | 5.5908 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22554 | .21041 | 34.414 | .43174 | .21296 | .39122 | 9.0131 |
| #2 | .22718 | .21014 | 35.919 | .43142 | .21417 | .38954 | 9.7550 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25467 | 11.450 | .53602 | .07981 | 322.95 | .33139 | .46695 |
| Stddev | .00006 | .235   | .00120 | .00002 | 6.63   | .00122 | .03037 |
| %RSD   | .02417 | 2.0566 | .22394 | .02945 | 2.0538 | .36673 | 6.5049 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25471 | 11.284 | .53687 | .07980 | 318.26 | .33053 | .44547 |
| #2 | .25463 | 11.617 | .53517 | .07983 | 327.64 | .33225 | .48843 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.663 | .44387 | .42587 | 15.063 | 5.2355 | .73816 | .21897 |
| Stddev | .529   | .00022 | .00365 | .019   | .1147  | .00069 | .00893 |
| %RSD   | 2.8338 | .05019 | .85700 | .12483 | 2.1912 | .09300 | 4.0764 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 18.289 | .44371 | .42329 | 15.050 | 5.1543 | .73767 | .21266 |
| #2 | 19.037 | .44403 | .42845 | 15.076 | 5.3166 | .73864 | .22528 |

Sample Name: J1029-01MS      Acquired: 1/4/2018 12:30:36      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644MS      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .23432 | .521   | .34023 | 3.4091 | F<00000 |
| Stddev | .00667 | .013   | .00903 | .3539  | .13547  |
| %RSD   | 2.8458 | .1331  | 2.6535 | 10.380 | .45975  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .22961 | 9.530 | .33385 | 3.1589 | -29.561 |
| #2 | .23904 | 9.512 | .34661 | 3.6594 | -29.370 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2525.6  | 39126.  | 3957.6  | 39.223 | 2786.9 |
| Stddev    | 5.6     | 14.     | 120.6   | 5.503  | 2.3    |
| %RSD      | .22003  | .03661  | 3.0462  | 6.1672 | .08401 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2521.7 | 39116. | 4042.9 | 93.114 | 2785.3 |
| #2 | 2529.5 | 39136. | 3872.4 | 85.332 | 2788.6 |

Sample Name: J1029-01MSD      Acquired: 1/4/2018 12:38:37      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .90656 | 2.0284 | 1.0600 | 2.2184 | .87526 | 2.9304 | .25974 |
| Stddev | .00281 | .0060  | .0007  | .0074  | .00257 | .0367  | .00156 |
| %RSD   | .31039 | .29697 | .06701 | .33188 | .29416 | 1.2509 | .60001 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90855 | 2.0327 | 1.0605 | 2.2236 | .87344 | 2.9563 | .26085 |
| #2 | .90457 | 2.0242 | 1.0595 | 2.2132 | .87708 | 2.9045 | .25864 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22633 | .21095 | 35.808 | .42783 | .21407 | .39066 | .6034  |
| Stddev | .00015 | .00036 | .033   | .00159 | .00021 | .00202 | .0053  |
| %RSD   | .06701 | .17123 | .09255 | .37100 | .09896 | .51618 | .05475 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22643 | .21121 | 35.832 | .42670 | .21392 | .38923 | 9.6071 |
| #2 | .22622 | .21069 | 35.785 | .42895 | .21422 | .39208 | 9.5997 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25520 | 11.708 | .53776 | .07954 | 325.73 | .33049 | .47201 |
| Stddev | .00022 | .080   | .00055 | .00051 | 1.95   | .00001 | .00230 |
| %RSD   | .08653 | .68009 | .10259 | .64427 | .59745 | .00265 | .48683 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .25504 | 11.764 | .53815 | .07990 | 327.11 | .33050 | .47364 |
| #2 | .25536 | 11.652 | .53737 | .07917 | 324.36 | .33049 | .47039 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 19.159 | .44486 | .44465 | 15.185 | 5.3245 | .73781 | .22314 |
| Stddev | .084   | .00018 | .00405 | .030   | .0362  | .00350 | .00486 |
| %RSD   | .44073 | .04043 | .91044 | .19999 | .67929 | .47491 | 2.1770 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.219 | .44499 | .44751 | 15.206 | 5.2989 | .74029 | .22657 |
| #2 | 19.099 | .44474 | .44179 | 15.163 | 5.3501 | .73534 | .21970 |

Sample Name: J1029-01MSD      Acquired: 1/4/2018 12:38:37      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644MSD      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .23883  | .559    | .34608  | 3.9693 | F<00000 |
| Stddev    | .00234  | .013    | .00216  | .3692  | 1.8929  |
| %RSD      | .97971  | .1333   | .62437  | 9.3013 | 7.0455  |
| #1        | .24048  | 9.568   | .34761  | 4.2303 | -25.528 |
| #2        | .23717  | 9.550   | .34455  | 3.7082 | -28.205 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2519.0  | 38699.  | 3890.0  | 37.718 | 2772.4  |
| Stddev    | .0      | 202.    | 2.3     | .566   | 3.7     |
| %RSD      | .00041  | .52158  | .06026  | .64469 | .13504  |
| #1        | 2519.0  | 38556.  | 3891.6  | 87.318 | 2769.7  |
| #2        | 2519.0  | 38842.  | 3888.3  | 88.118 | 2775.0  |



Sample Name: J1029-01A      Acquired: 1/4/2018 12:42:35      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644MSD      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81681 | 1.8189 | .95218 | 1.9946 | .80468 | 2.5884 | .23315 |
| Stddev | .00128 | .0083  | .00314 | .0065  | .00148 | .0067  | .00068 |
| %RSD   | .15706 | .45837 | .33014 | .32494 | .18439 | .26051 | .28992 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81590 | 1.8130 | .94995 | 1.9900 | .80363 | 2.5931 | .23267 |
| #2 | .81772 | 1.8248 | .95440 | 1.9992 | .80573 | 2.5836 | .23363 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20391 | .18799 | 33.927 | .38732 | .19099 | .35461 | 3.0885 |
| Stddev | .00064 | .00006 | .115   | .00101 | .00060 | .00062 | .3237  |
| %RSD   | .31409 | .03309 | .34028 | .26132 | .31592 | .17467 | 3.5619 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20437 | .18795 | 33.845 | .38661 | .19056 | .35417 | 8.8596 |
| #2 | .20346 | .18803 | 34.008 | .38804 | .19142 | .35505 | 9.3174 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23051 | 10.685 | .47970 | .07253 | 310.50 | .29981 | .47113 |
| Stddev | .00032 | .055   | .00121 | .00034 | 1.43   | .00026 | .01724 |
| %RSD   | .13883 | .51904 | .25280 | .46607 | .46138 | .08647 | 3.6589 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23074 | 10.646 | .47884 | .07277 | 309.49 | .29999 | .45894 |
| #2 | .23029 | 10.724 | .48055 | .07229 | 311.51 | .29962 | .48332 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 17.673 | .41786 | .40452 | 14.369 | 5.0591 | .69116 | .20554 |
| Stddev | .075   | .00049 | .01190 | .038   | .0165  | .00131 | .00310 |
| %RSD   | .42589 | .11684 | 2.9419 | .26622 | .32561 | .19006 | 1.5087 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 17.620 | .41751 | .41294 | 14.342 | 5.0475 | .69023 | .20334 |
| #2 | 17.726 | .41820 | .39611 | 14.397 | 5.0708 | .69208 | .20773 |

Sample Name: J1029-01A      Acquired: 1/4/2018 12:42:35      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644MSD      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .21391  | 3.682   | .31747  | 3.4881 | F<00000 |
| Stddev    | .00054  | .022    | .00015  | .7562  | 3.7974  |
| %RSD      | .25075  | .2497   | .04801  | 21.678 | 15.128  |
| #1        | .21429  | 8.667   | .31736  | 2.9534 | -22.416 |
| #2        | .21354  | 8.698   | .31758  | 4.0228 | -27.786 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2506.7  | 38806.  | 3883.8  | 37.513 | 2778.3  |
| Stddev    | 3.7     | 42.     | 23.0    | 3.233  | 6.4     |
| %RSD      | .14586  | .10714  | .59273  | 3.6943 | .22903  |
| #1        | 2509.3  | 38776.  | 3900.1  | 89.799 | 2782.8  |
| #2        | 2504.1  | 38835.  | 3867.5  | 85.227 | 2773.8  |

Sample Name: NA 1800PPM      Acquired: 1/4/2018 12:46:34      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00102 | .00006 | .00304 | .00025 | .00541 | .10287 | .00122 |
| Stddev | .00153 | .00080 | .00074 | .00294 | .00126 | .01171 | .00070 |
| %RSD   | 150.73 | 1237.9 | 24.267 | 1155.5 | 23.353 | 11.380 | 57.573 |

|    |         |         |        |         |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|
| #1 | -.00007 | .00050  | .00252 | .00233  | .00452 | .09459 | .00072 |
| #2 | .00210  | -.00063 | .00356 | -.00182 | .00631 | .11114 | .00171 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00006 | .22479 | .02733 | .00014 | .00070 | .43166 |
| Stddev | .00001 | .00011 | .01277 | .00100 | .00044 | .00087 | .00188 |
| %RSD   | 8.8832 | 192.45 | 5.6788 | 3.6551 | 300.53 | 124.56 | .43550 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00007 | .00013  | .21576 | .02662 | .00045  | .00132 | .43033 |
| #2 | .00008 | -.00002 | .23382 | .02804 | -.00016 | .00008 | .43299 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00375 | .33161 | .01806 | .00019 | 1885.4 | .00069 | .03156 |
| Stddev | .00003 | .00266 | .00015 | .00021 | 26.0   | .00039 | .00018 |
| %RSD   | .80810 | .80350 | .80912 | 110.71 | 1.3789 | 56.297 | .55804 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00373 | .32973 | .01816 | .00034 | 1903.8 | .00097 | .03169 |
| #2 | .00377 | .33350 | .01796 | .00004 | 1867.0 | .00042 | .03144 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28687 | .00332 | .00231 | .02541 | .01236 | .00380 | .00071 |
| Stddev | .05407 | .00018 | .00219 | .00287 | .01930 | .00008 | .00006 |
| %RSD   | 18.848 | 5.2988 | 94.798 | 11.296 | 156.18 | 2.0465 | 8.6355 |

|    |        |        |         |        |         |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|
| #1 | .24864 | .00320 | -.00076 | .02744 | -.00129 | .00374 | .00066 |
| #2 | .32510 | .00345 | -.00386 | .02338 | .02600  | .00385 | .00075 |

Sample Name: NA 1800PPM      Acquired: 1/4/2018 12:46:34      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4644      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .01624 | .0040  | .00065 | <.00000 | F<.00000 |
| Stddev | .00298 | .0002  | .00004 | .02389  | 3.0806   |
| %RSD   | 18.318 | 4.218  | 5.7538 | 4.0167  | 4.2096   |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .01414 | .0042 | .00063 | -.61163 | -71.001 |
| #2 | .01835 | .0039 | .00068 | -.57785 | -75.357 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2343.2  | 33601.  | 3577.2  | 79.950 | 2408.8 |
| Stddev    | 13.9    | 14.     | 20.8    | .913   | 13.4   |
| %RSD      | .59242  | .04240  | .58165  | 1.1417 | .55512 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2333.3 | 33611. | 3562.5 | 79.305 | 2399.3 |
| #2 | 2353.0 | 33591. | 3591.9 | 80.595 | 2418.2 |

Sample Name: NA 2300PPM      Acquired: 1/4/2018 12:50:47      Type: Unk

Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: RT4651      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00133 | .00130 | .00215 | .00246 | .00389 | .12530 | .00040 |
| Stddev | .00173 | .00066 | .00126 | .00286 | .00081 | .00701 | .00142 |
| %RSD   | 130.26 | 50.944 | 58.479 | 116.58 | 20.766 | 5.5938 | 358.06 |

|    |         |         |        |        |        |        |         |
|----|---------|---------|--------|--------|--------|--------|---------|
| #1 | -.00010 | -.00176 | .00304 | .00043 | .00446 | .13026 | -.00061 |
| #2 | -.00255 | -.00083 | .00126 | .00448 | .00332 | .12034 | .00140  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00006 | .27967 | .03456 | .00013 | .00108 | .50972 |
| Stddev | .00002 | .00006 | .00976 | .00002 | .00001 | .00026 | .01002 |
| %RSD   | 54.162 | 98.382 | 3.4886 | .04560 | 9.1395 | 24.190 | 1.9655 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00003 | .00002 | .27277 | .03455 | -.00012 | .00127 | .50264 |
| #2 | .00006 | .00010 | .28657 | .03457 | -.00013 | .00090 | .51680 |

|        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .00465 | .38508 | .02263 | .00045 | .2360.5 | .00090 | .01644 |
| Stddev | .00006 | .04425 | .00083 | .00002 | 50.4    | .00027 | .00006 |
| %RSD   | 1.3651 | 11.492 | 3.6481 | 4.2389 | 2.1339  | 30.509 | .34061 |

|    |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|---------|--------|--------|
| #1 | .00460 | .35378 | .02204 | .00043 | .2324.9 | .00109 | .01640 |
| #2 | .00469 | .41637 | .02321 | .00046 | .2396.1 | .00070 | .01647 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .68772 | .00376 | .00401 | .01461 | .02650 | .00607 | .00061 |
| Stddev | .13710 | .00004 | .00151 | .00011 | .01323 | .00046 | .00035 |
| %RSD   | 19.936 | 1.1230 | 37.714 | .77822 | 49.936 | 7.5952 | 57.200 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | .59077 | .00379 | -.00508 | .01453 | .03586 | .00640 | .00036 |
| #2 | .78466 | .00373 | -.00294 | .01469 | .01714 | .00574 | .00085 |

Sample Name: NA 2300PPM      Acquired: 1/4/2018 12:50:47      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT4651      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .02721 | .0010  | .00066 | <.00000 | F<.00000 |
| Stddev | .00575 | .0012  | .00009 | .00514  | 3.9670   |
| %RSD   | 21.124 | 117.9  | 14.093 | 1.6851  | 5.3445   |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .02315 | .0019 | .00059 | -.30876 | -71.420 |
| #2 | .03127 | .0002 | .00072 | -.30149 | -77.030 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2322.9  | 33244.  | 3602.9  | 79.577 | 2376.9 |
| Stddev    | 8.0     | 11.     | 89.5    | .527   | 3.7    |
| %RSD      | .34550  | .03351  | 2.4851  | .66240 | .15390 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2317.2 | 33251. | 3666.2 | 79.950 | 2374.3 |
| #2 | 2328.6 | 33236. | 3539.6 | 79.205 | 2379.4 |

Sample Name: CCV02      Acquired: 1/4/2018 12:55:00      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.1095 | 4.9070 | 4.9084 | 5.0780 | 5.1126 | 10.292 | 10.263 |
| Stddev | .0128  | .0086  | .0057  | .0004  | .0006  | .020   | .001   |
| %RSD   | .25047 | .17600 | .11619 | .00812 | .01129 | .19311 | .01318 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1185 | 4.9009 | 4.9043 | 5.0783 | 5.1131 | 10.306 | 10.264 |
| #2 | 5.1004 | 4.9131 | 4.9124 | 5.0778 | 5.1122 | 10.278 | 10.262 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.142 | 2.4353 | 25.306 | 97944  | 2.4654 | 1.2720 | 5.2453 |
| Stddev | .00014 | .0004  | .033   | .00306 | .0024  | .0019  | .1924  |
| %RSD   | .05571 | .01423 | .12970 | .31287 | .09921 | .14857 | 3.6676 |

|    |        |        |        |       |        |        |        |
|----|--------|--------|--------|-------|--------|--------|--------|
| #1 | 25.151 | 2.4351 | 25.329 | 97728 | 2.4637 | 1.2733 | 5.3814 |
| #2 | 25.132 | 2.4356 | 25.283 | 98161 | 2.4672 | 1.2706 | 5.1093 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.5415 | 25.188 | 2.4648 | 1.2505 | 25.826 | 2.5079 | 2.6546 |
| Stddev | .0027  | .064   | .0031  | .0012  | .049   | .0063  | .0936  |
| %RSD   | .10747 | .25240 | .12753 | .09847 | .19087 | .25035 | 3.5271 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5396 | 25.143 | 2.4626 | 1.2496 | 25.861 | 2.5035 | 2.7208 |
| #2 | 2.5434 | 25.233 | 2.4670 | 1.2513 | 25.791 | 2.5124 | 2.5884 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 26.224 | 5.1537 | 5.1656 | 4.9573 | 4.9329 | 4.9346 | 5.0406 |
| Stddev | .027   | .0045  | .0047  | .0040  | .0130  | .0047  | .0126  |
| %RSD   | .10324 | .08790 | .09089 | .08038 | .26344 | .09582 | .24948 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 26.205 | 5.1505 | 5.1689 | 4.9602 | 4.9421 | 4.9313 | 5.0495 |
| #2 | 26.243 | 5.1569 | 5.1623 | 4.9545 | 4.9237 | 4.9380 | 5.0317 |

Sample Name: CCV02      Acquired: 1/4/2018 12:55:00      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |           |
|--------|--------|--------|--------|----------|-----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859    |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm       |
| Avg    | 5.1438 | 4.814  | 4.9714 | F 2.3191 | F < 00000 |
| Stddev | .0039  | .010   | .0701  | .1269    | 6.9715    |
| %RSD   | .07660 | .2129  | 1.4104 | 5.4736   | 196.16    |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | 5.1410 | 4.821 | 4.9218 | 2.4088 | 1.3755  |
| #2 | 5.1466 | 4.807 | 5.0209 | 2.2293 | -8.4837 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2514.7  | 38391.  | 3699.2  | 30.159 | 2807.1 |
| Stddev    | 6.1     | 74.     | 21.5    | 3.014  | 7.3    |
| %RSD      | .24234  | .19209  | .58134  | 3.7596 | .25859 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2510.4 | 38339. | 3684.0 | 78.028 | 2802.0 |
| #2 | 2519.0 | 38443. | 3714.4 | 82.289 | 2812.2 |



|                        |         |                             |         |                        |         |             |         |         |
|------------------------|---------|-----------------------------|---------|------------------------|---------|-------------|---------|---------|
| Sample Name: CCB02     |         | Acquired: 1/4/2018 12:58:51 |         | Type: Unk              |         |             |         |         |
| Method: P4-ICP2(v1897) |         | Mode: CONC                  |         | Corr. Factor: 1.000000 |         |             |         |         |
| User: JASWAL/BINHE     |         | Custom ID1: CCB12318        |         | Custom ID2:            |         | Custom ID3: |         |         |
| Comment:               |         |                             |         |                        |         |             |         |         |
| Elem                   | As1890  | Tl1908                      | Pb2203  | Se1960                 | Sb2068  | Al3961      | Ba4934  | Be2348  |
| Units                  | ppm     | ppm                         | ppm     | ppm                    | ppm     | ppm         | ppm     | ppm     |
| Avg                    | .00016  | .00005                      | .00109  | .00158                 | .00249  | .00983      | .00012  | .00001  |
| Stddev                 | .00154  | .00204                      | .00145  | .00252                 | .00035  | .00597      | .00012  | .00004  |
| %RSD                   | 941.17  | 3899.5                      | 132.36  | 160.01                 | 13.980  | 60.722      | 96.973  | 255.66  |
| #1                     | -.00125 | .00139                      | .00212  | -.00021                | .00274  | -.01405     | -.00004 | .00001  |
| #2                     | .00093  | -.00150                     | .00007  | .00336                 | .00225  | -.00561     | -.00021 | -.00004 |
| Elem                   | Cd2265  | Ca3736                      | Cr2677  | Co2286                 | Cu2247  | Fe2404      | Mn2576  | Mg2790  |
| Units                  | ppm     | ppm                         | ppm     | ppm                    | ppm     | ppm         | ppm     | ppm     |
| Avg                    | .00005  | .01892                      | .00055  | .00021                 | .00051  | .00030      | .00003  | .01119  |
| Stddev                 | .00006  | .00511                      | .00014  | .00013                 | .00010  | .00206      | .00002  | .01646  |
| %RSD                   | 111.38  | 27.007                      | 25.076  | 64.799                 | 18.504  | 694.15      | 68.403  | 147.11  |
| #1                     | .00001  | .01531                      | -.00065 | -.00011                | .00058  | .00116      | -.00002 | -.00045 |
| #2                     | .00009  | .02253                      | -.00045 | -.00030                | .00045  | -.00175     | -.00004 | .02283  |
| Elem                   | Ni2316  | Ag3280                      | Na5895  | V_2924                 | Zn2138  | K_7664      | Mo2020  | B_2496  |
| Units                  | ppm     | ppm                         | ppm     | ppm                    | ppm     | ppm         | ppm     | ppm     |
| Avg                    | .00010  | .00002                      | .17772  | .00012                 | .00032  | .08653      | .00079  | .00330  |
| Stddev                 | .00052  | .00047                      | .00291  | .00050                 | .00002  | .01720      | .00014  | .00382  |
| %RSD                   | 497.11  | 2891.8                      | 1.6357  | 413.25                 | 4.7287  | 19.882      | 18.329  | 115.62  |
| #1                     | .00026  | -.00032                     | .17566  | -.00023                | -.00033 | .07437      | .00089  | -.00601 |
| #2                     | -.00047 | .00035                      | .17977  | .00047                 | -.00031 | .09870      | .00069  | -.00060 |
| Elem                   | S_1820  | Si2881                      | Sn1899  | Ti3361                 | Li6707  | P_1774      | Sr4077  | U_3670  |
| Units                  | ppm     | ppm                         | ppm     | ppm                    | ppm     | ppm         | ppm     | ppm     |
| Avg                    | .00298  | .00060                      | .00008  | .00306                 | .00058  | .0046       | .00006  | F.47218 |
| Stddev                 | .00249  | .01301                      | .00093  | .00032                 | .00242  | .0014       | .00012  | .46880  |
| %RSD                   | 83.628  | 2168.8                      | 1115.6  | 10.550                 | 420.03  | 31.13       | 194.47  | 99.283  |
| #1                     | .00122  | .00980                      | -.00074 | .00329                 | .00229  | .0056       | .00015  | .80367  |
| #2                     | .00474  | -.00860                     | .00057  | .00283                 | -.00114 | .0036       | -.00002 | .14069  |

Sample Name: CCB02      Acquired: 1/4/2018 12:58:51      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB12318      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F1.7009  
Stddev      .2534  
%RSD      14.900

#1      1.8801  
#2      1.5217

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2608.0  | 40059.  | 3694.6  | 34.573 | 3092.4 |
| Stddev    | 12.1    | 146.    | .2      | 1.504  | 8.6    |
| %RSD      | .46505  | .36465  | .00542  | 1.7786 | .27746 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2599.4 | 39956. | 3694.4 | 83.509 | 3086.3 |
| #2 | 2616.6 | 40163. | 3694.7 | 85.636 | 3098.5 |

Sample Name: NA 2800PPM      Acquired: 1/4/2018 13:03:00      Type: Unk

Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: RT1500      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00075 | .00068 | .00389 | .00341 | .00118 | .15246 | .00076 |
| Stddev | .00259 | .00039 | .00059 | .00133 | .00164 | .02363 | .00008 |
| %RSD   | 346.31 | 56.688 | 15.164 | 39.082 | 139.47 | 15.501 | 10.392 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | .00109  | -.00041 | .00431 | .00247 | .00234 | .13575 | .00070 |
| #2 | -.00258 | -.00095 | .00348 | .00435 | .00002 | .16917 | .00081 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00011 | .33394 | .04177 | .00033 | .00107 | .63760 |
| Stddev | .00005 | .00001 | .00630 | .00047 | .00073 | .00009 | .03380 |
| %RSD   | 286.38 | 8.1463 | 1.8880 | 1.1239 | 220.98 | 8.5582 | 5.3011 |

|    |         |        |        |        |         |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|
| #1 | .00005  | .00011 | .33839 | .04144 | -.00019 | .00114 | .66150 |
| #2 | -.00002 | .00010 | .32948 | .04211 | .00085  | .00101 | .61370 |

|        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00555 | .52612 | .02839 | .00000 | F_2850.9 | .00068 | .02407 |
| Stddev | .00003 | .02865 | .00089 | .00073 | 7.2      | .00034 | .00088 |
| %RSD   | .48212 | 5.4453 | 3.1521 | 28809. | .25165   | 49.599 | 3.6708 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00553 | .54638 | .02902 | -.00052 | 2845.8 | .00092 | .02469 |
| #2 | .00557 | .50586 | .02776 | .00052  | 2856.0 | .00044 | .02344 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .62392 | .00504 | .00759 | .01144 | .00749 | .00666 | .00048 |
| Stddev | .13287 | .00005 | .00111 | .00115 | .01795 | .00110 | .00037 |
| %RSD   | 21.296 | .94048 | 14.643 | 10.046 | 239.71 | 16.569 | 76.845 |

|    |        |        |         |        |         |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|
| #1 | .52996 | .00500 | -.00837 | .01063 | .00520  | .00744 | .00022 |
| #2 | .71787 | .00507 | -.00680 | .01225 | -.02018 | .00588 | .00075 |

Sample Name: NA 2800PPM      Acquired: 1/4/2018 13:03:00      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RT1500      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .02065 | -.0003 | .00088 | <.00000 | F<.00000 |
| Stddev | .00571 | .0024  | .00003 | .01497  | 3.3949   |
| %RSD   | 27.670 | 797.2  | 3.2769 | 4.3402  | 4.3693   |

|    |        |        |        |         |         |
|----|--------|--------|--------|---------|---------|
| #1 | .01661 | -.0020 | .00090 | -.33443 | -80.099 |
| #2 | .02469 | .0014  | .00086 | -.35561 | -75.298 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2291.3  | 32931.  | 3549.9  | 78.693 | 2325.9 |
| Stddev    | 2.2     | 6.      | 16.3    | 2.825  | 4.2    |
| %RSD      | .09438  | .01734  | .45781  | 3.5902 | .18225 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2289.8 | 32935. | 3538.4 | 76.695 | 2328.9 |
| #2 | 2292.9 | 32927. | 3561.3 | 80.691 | 2322.9 |

Sample Name: AL 1600PPM      Acquired: 1/4/2018 13:07:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: B-10(0-10)CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01448 | .01223 | .14469 | .02743 | .01278 | 1643.3 | .00191 |
| Stddev | .00578 | .00312 | .00228 | .00659 | .00571 | 76.6   | .00019 |
| %RSD   | 39.876 | 25.525 | 1.5784 | 24.021 | 44.700 | 4.6617 | 10.135 |

|    |        |         |         |         |        |        |        |
|----|--------|---------|---------|---------|--------|--------|--------|
| #1 | .01040 | -.01444 | -.14630 | -.02277 | .01682 | 1589.1 | .00178 |
| #2 | .01857 | -.01002 | -.14307 | -.03209 | .00874 | 1697.5 | .00205 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00037 | .26095 | .02123 | .00018 | .00399 | .44532 |
| Stddev | .00004 | .00010 | .00683 | .00060 | .00026 | .00019 | .02453 |
| %RSD   | 34.449 | 27.063 | 2.6171 | 2.8471 | 145.93 | 4.6426 | 5.5088 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .00008 | .00030 | .26578 | -.02080 | -.00001 | .00412 | .46266 |
| #2 | .00014 | .00044 | .25612 | -.02165 | .00036  | .00386 | .42797 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00262 | .20632 | .02439 | .00016 | 1.8078 | .00037 | .01267 |
| Stddev | .00020 | .03019 | .00052 | .00021 | .0041  | .00012 | .00034 |
| %RSD   | 7.7287 | 14.635 | 2.1335 | 130.82 | .22439 | 31.798 | 2.6967 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00248 | .18497 | .02402 | -.00001 | 1.8049 | .00029 | .01291 |
| #2 | .00277 | .22767 | .02476 | -.00030 | 1.8107 | .00045 | .01243 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .63384 | .00257 | .00111 | .02095 | .01771 | .00424 | .00607 |
| Stddev | .01186 | .00085 | .00728 | .00707 | .00390 | .00034 | .00057 |
| %RSD   | 1.8706 | 33.086 | 654.49 | 33.756 | 22.040 | 7.9542 | 9.3570 |

|    |        |        |         |        |        |         |        |
|----|--------|--------|---------|--------|--------|---------|--------|
| #1 | .62545 | .00197 | -.00626 | .01595 | .01495 | -.00401 | .00567 |
| #2 | .64222 | .00317 | .00404  | .02595 | .02047 | -.00448 | .00647 |

Sample Name: AL 1600PPM      Acquired: 1/4/2018 13:07:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: B-10(0-10)CO      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .01351 | .0453  | .00099 | <.00000 | F<.00000 |
| Stddev | .00072 | .0024  | .00020 | .11890  | 3.0207   |
| %RSD   | 5.3170 | 5.208  | 20.082 | 21.938  | 85.335   |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .01300 | .0436 | .00085 | -.45793 | -1.4038 |
| #2 | .01401 | .0470 | .00113 | -.62608 | -5.6758 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2401.2  | 35192.  | 3827.6  | 31.548 | 2672.6 |
| Stddev    | 7.9     | 1565.   | 7.9     | 1.701  | 8.3    |
| %RSD      | .32986  | 4.4458  | .20636  | 2.0855 | .31108 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2395.6 | 36299. | 3833.2 | 80.345 | 2666.7 |
| #2 | 2406.8 | 34086. | 3822.0 | 82.750 | 2678.5 |

Sample Name: AL 2000PPM      Acquired: 1/4/2018 13:11:30      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-08-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |         |        |
|--------|--------|---------|---------|---------|--------|---------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961  | Ba4934 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm     | ppm    |
| Avg    | .02177 | -.01247 | -.16168 | -.03917 | .01972 | F1997.4 | .00087 |
| Stddev | .00752 | .00373  | .00301  | .00329  | .00265 | 3.1     | .00125 |
| %RSD   | 34.563 | 29.890  | 1.8625  | 8.3987  | 13.435 | .15486  | 143.45 |

|    |        |         |         |         |        |        |         |
|----|--------|---------|---------|---------|--------|--------|---------|
| #1 | .01645 | -.01511 | -.15956 | -.03685 | .02160 | 1995.3 | .00176  |
| #2 | .02709 | -.00984 | -.16381 | -.04150 | .01785 | 1999.6 | -.00001 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00015 | .00077 | .28637 | -.02376 | .00062 | .00436 | .48848 |
| Stddev | .00012 | .00014 | .00914 | .00027  | .00016 | .00018 | .00803 |
| %RSD   | 76.863 | 18.276 | 3.1926 | 1.1466  | 25.630 | 4.1906 | 1.6441 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00024 | .00067 | .27990 | -.02357 | .00073 | .00449 | .48280 |
| #2 | .00007 | .00087 | .29283 | -.02396 | .00050 | .00423 | .49415 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00305 | .29214 | .02810 | .00023 | 1.3514 | .00001 | .01434 |
| Stddev | .00015 | .02826 | .00020 | .00023 | .0213  | .00038 | .00021 |
| %RSD   | 4.8556 | 9.6718 | .70500 | 101.00 | 1.5766 | 6670.2 | 1.4832 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00294 | .31212 | .02824 | .00007 | 1.3363 | -.00026 | .01419 |
| #2 | .00315 | .27217 | .02796 | .00039 | 1.3664 | .00027  | .01449 |

|        |        |        |         |        |        |         |        |
|--------|--------|--------|---------|--------|--------|---------|--------|
| Elem   | K_7664 | Mo2020 | B_2496  | S_1820 | Si2881 | Sn1899  | Ti3361 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    |
| Avg    | .49792 | .00366 | -.00180 | .02516 | .00931 | -.00384 | .00695 |
| Stddev | .00656 | .00071 | .00153  | .00458 | .01408 | .00115  | .00088 |
| %RSD   | 1.3169 | 19.509 | 85.205  | 18.210 | 151.22 | 30.000  | 12.621 |

|    |        |        |         |        |         |         |        |
|----|--------|--------|---------|--------|---------|---------|--------|
| #1 | .50256 | .00417 | -.00071 | .02840 | -.00065 | -.00466 | .00633 |
| #2 | .49328 | .00316 | -.00288 | .02192 | .01926  | -.00303 | .00757 |

Sample Name: AL 2000PPM      Acquired: 1/4/2018 13:11:30      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-08-COMP      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |          |
|-----------|---------|---------|---------|---------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm      |
| Avg       | .00315  | .0464   | .00115  | <.00000 | F<.00000 |
| Stddev    | .00003  | .0070   | .00000  | .27098  | 5.9524   |
| %RSD      | .90498  | 15.08   | .26477  | 57.599  | 432.24   |
| #1        | .00318  | .0514   | .00114  | -.27885 | 2.8319   |
| #2        | .00313  | .0415   | .00115  | -.66207 | -5.5861  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S    |
| Avg       | 2396.7  | 33853.  | 3831.7  | 35.643  | 2663.7   |
| Stddev    | 4.0     | 24.     | 8.3     | 1.237   | .2       |
| %RSD      | .16499  | .07139  | .21607  | 1.4449  | .00938   |
| #1        | 2399.5  | 33835.  | 3837.6  | 86.518  | 2663.5   |
| #2        | 2393.9  | 33870.  | 3825.9  | 84.768  | 2663.8   |



Sample Name: AL 2200PPM      Acquired: 1/4/2018 13:15:52      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-18-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |         |         |        |          |        |
|--------|--------|---------|---------|---------|--------|----------|--------|
| Elem   | As1890 | Tl1908  | Pb2203  | Se1960  | Sb2068 | Al3961   | Ba4934 |
| Units  | ppm    | ppm     | ppm     | ppm     | ppm    | ppm      | ppm    |
| Avg    | .02226 | -.01601 | -.18470 | -.03336 | .01058 | F 2232.0 | .00128 |
| Stddev | .00076 | .00756  | .00414  | .00993  | .00502 | 15.5     | .00093 |
| %RSD   | 3.4256 | 47.188  | 2.2426  | 29.769  | 47.479 | .69647   | 72.773 |

|    |        |         |         |         |        |        |        |
|----|--------|---------|---------|---------|--------|--------|--------|
| #1 | .02279 | -.01067 | -.18177 | -.04039 | .01413 | 2221.0 | .00062 |
| #2 | .02172 | -.02136 | -.18763 | -.02634 | .00703 | 2243.0 | .00194 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00008 | .00108 | .32007 | -.02565 | .00046 | .00426 | .56394 |
| Stddev | .00009 | .00007 | .01320 | .00193  | .00013 | .00029 | .00302 |
| %RSD   | 110.84 | 6.5905 | 4.1226 | 7.5159  | 27.447 | 6.7591 | .53507 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .00015 | .00113 | .32940 | -.02429 | .00055 | .00447 | .56181 |
| #2 | .00002 | .00103 | .31074 | -.02702 | .00037 | .00406 | .56608 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00341 | .26966 | .03183 | -.00022 | 1.3439 | .00043 | .01583 |
| Stddev | .00007 | .05083 | .00013 | .00039  | .0076  | .00063 | .00019 |
| %RSD   | 2.0515 | 18.850 | .41656 | 173.14  | .56763 | 144.42 | 1.1875 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .00346 | .30560 | .03174 | .00005  | 1.3385 | -.00001 | .01570 |
| #2 | .00336 | .23372 | .03193 | -.00050 | 1.3493 | .00088  | .01597 |

|        |        |        |         |        |        |         |        |
|--------|--------|--------|---------|--------|--------|---------|--------|
| Elem   | K_7664 | Mo2020 | B_2496  | S_1820 | Si2881 | Sn1899  | Ti3361 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    |
| Avg    | .48625 | .00326 | -.00895 | .02410 | .01534 | -.00599 | .00782 |
| Stddev | .01690 | .00012 | .00308  | .00047 | .01219 | .00008  | .00169 |
| %RSD   | 3.4755 | 3.7727 | 34.417  | 1.9576 | 79.464 | 1.3481  | 21.607 |

|    |        |        |         |        |        |         |        |
|----|--------|--------|---------|--------|--------|---------|--------|
| #1 | .49820 | .00335 | -.00677 | .02443 | .00672 | -.00605 | .00901 |
| #2 | .47430 | .00317 | -.01112 | .02376 | .02396 | -.00593 | .00663 |

Sample Name: AL 2200PPM      Acquired: 1/4/2018 13:15:52      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-18-COMP      Custom ID2:      Custom ID3:  
 Comment:

| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
|--------|--------|--------|--------|---------|----------|
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .00091 | .0526  | .00133 | <.00000 | F<.00000 |
| Stddev | .00073 | .0035  | .00005 | .67011  | .41101   |
| %RSD   | 80.807 | 6.744  | 3.5861 | 95.274  | 16.931   |

|    |        |       |        |         |         |
|----|--------|-------|--------|---------|---------|
| #1 | .00039 | .0551 | .00130 | -1.1772 | -2.7183 |
| #2 | .00143 | .0500 | .00137 | -.22951 | -2.1370 |

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2384.4  | 33598.  | 3825.4  | 32.805 | 2632.6 |
| Stddev    | 1.4     | 69.     | 14.0    | 1.260  | .4     |
| %RSD      | .05806  | .20472  | .36538  | 1.5216 | .01579 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2385.4 | 33646. | 3815.5 | 83.695 | 2632.9 |
| #2 | 2383.5 | 33549. | 3835.2 | 81.914 | 2632.3 |

Sample Name: PB105468BS      Acquired: 1/4/2018 13:24:18      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-16-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .75739 | 1.8134 | .89511 | 1.9050   | .76986 | 1.9005 | .19421 |
| Stddev | .01254 | .0279  | .01451 | .0265    | .00960 | .0836  | .00340 |
| %RSD   | 1.6561 | 1.5390 | 1.6213 | 1.3893   | 1.2476 | 4.3977 | 1.7495 |
| #1     | .74852 | 1.7936 | .88485 | 1.8863   | .76307 | 1.8414 | .19661 |
| #2     | .76626 | 1.8331 | .90538 | 1.9237   | .77665 | 1.9596 | .19180 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19514 | .17863 | .99697 | .39253   | .18130 | .29508 | 2.8330 |
| Stddev | .01061 | .00286 | .01632 | .02067   | .00258 | .00551 | .1593  |
| %RSD   | 5.4366 | 1.6026 | 1.6368 | 5.2663   | 1.4206 | 1.8663 | 5.6237 |
| #1     | .18764 | .17660 | 1.0085 | .37791   | .17948 | .29119 | 2.9456 |
| #2     | .20264 | .18065 | .98543 | .40715   | .18312 | .29898 | 2.7203 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20555 | 1.9254 | .45583 | .07125   | 3.0183 | .29472 | .19847 |
| Stddev | .01035 | .0049  | .00818 | .00354   | .0145  | .01409 | .00822 |
| %RSD   | 5.0348 | .25581 | 1.7948 | 4.9667   | .47901 | 4.7793 | 4.1400 |
| #1     | .19823 | 1.9289 | .45005 | .06875   | 3.0286 | .28476 | .20428 |
| #2     | .21286 | 1.9219 | .46162 | .07375   | 3.0081 | .30468 | .19266 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 9.7345 | .40145 | .28008 | F .00292 | .88266 | .64366 | .20051 |
| Stddev | .0542  | .00610 | .00005 | .00149   | .02362 | .00992 | .00238 |
| %RSD   | .55653 | 1.5189 | .01639 | 50.850   | 2.6763 | 1.5410 | 1.1852 |
| #1     | 9.7729 | .39714 | .28011 | -.00397  | .89937 | .63665 | .20219 |
| #2     | 9.6962 | .40576 | .28004 | -.00187  | .86596 | .65068 | .19883 |

Sample Name: PB105468BS      Acquired: 1/4/2018 13:24:18      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-16-COMP      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .19238  | 5.848   | .18703  | F<00000 | F>.1675 |
| Stddev    | .00143  | .101    | .00244  | .05144  | 5.7058  |
| %RSD      | .74546  | 1.731   | 1.3047  | 5.5233  | 62.240  |
| #1        | .19340  | 5.777   | .18876  | -.89488 | 5.1328  |
| #2        | .19137  | 5.920   | .18531  | -.96762 | 13.202  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2607.1  | 38495.  | 3682.5  | 35.067  | 3062.9  |
| Stddev    | 27.0    | 1539.   | 46.7    | 4.054   | 32.3    |
| %RSD      | 1.0366  | 3.9977  | 1.2689  | 4.7662  | 1.0549  |
| #1        | 2626.2  | 39583.  | 3649.5  | 82.200  | 3085.8  |
| #2        | 2588.0  | 37407.  | 3715.6  | 87.934  | 3040.1  |

Sample Name: PB105481BL      Acquired: 1/4/2018 13:28:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-17-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |         |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00189 | F.00315 | .00156 | .00280 | .00058 | .00030 |
| Stddev | .00055 | .00137 | .00087  | .00694 | .00030 | .00771 | .00125 |
| %RSD   | 270.46 | 72.491 | 27.633  | 444.37 | 10.734 | 1335.2 | 420.23 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00059  | -.00092 | .00376 | -.00334 | .00301 | .00603  | -.00118 |
| #2 | -.00018 | -.00287 | .00253 | .00647  | .00258 | -.00487 | .00059  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00005 | .00945 | .00075 | .00010 | .00024 | .01052 |
| Stddev | .00010 | .00011 | .00809 | .00075 | .00019 | .00055 | .01737 |
| %RSD   | 411.58 | 197.32 | 85.649 | 99.573 | 194.43 | 229.90 | 165.18 |

|    |         |         |        |         |         |         |         |
|----|---------|---------|--------|---------|---------|---------|---------|
| #1 | .00005  | .00002  | .01517 | -.00128 | -.00024 | .00015  | .02280  |
| #2 | -.00009 | -.00013 | .00372 | -.00022 | .00004  | -.00063 | -.00177 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .01242 | .00002 | .00017 | .02775 | .00043 | .00047 |
| Stddev | .00004 | .01453 | .00023 | .00052 | .00823 | .00002 | .00008 |
| %RSD   | 1268.0 | 117.03 | 1313.6 | 300.73 | 29.670 | 4.7556 | 17.392 |

|    |         |         |         |         |        |        |         |
|----|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00003  | -.02270 | .00015  | .00019  | .02193 | .00045 | -.00041 |
| #2 | -.00003 | -.00214 | -.00018 | -.00054 | .03357 | .00042 | -.00053 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05071 | .00138 | .00511 | .00171 | .01919 | .00007 | .00192 |
| Stddev | .05043 | .00013 | .00099 | .00199 | .00223 | .00014 | .00050 |
| %RSD   | 99.440 | 9.6651 | 19.401 | 116.12 | 11.623 | 202.40 | 26.024 |

|    |        |         |         |         |        |         |        |
|----|--------|---------|---------|---------|--------|---------|--------|
| #1 | .08637 | -.00147 | -.00441 | -.00031 | .02076 | -.00017 | .00157 |
| #2 | .01505 | -.00128 | -.00581 | -.00312 | .01761 | .00003  | .00228 |

Sample Name: PB105481BL      Acquired: 1/4/2018 13:28:13      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-17-COMP      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .00418  | .0027   | .00001  | F<00000 | F<00000 |
| Stddev    | .00104  | .0018   | .00020  | .45597  | 3.1468  |
| %RSD      | 24.951  | 68.47   | 1495.7  | 211.11  | 45.305  |
| #1        | -.00345 | .0014   | .00013  | .10643  | -9.1709 |
| #2        | -.00492 | .0040   | -.00016 | -.53841 | -4.7207 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2607.7  | 40048.  | 3691.1  | 35.300  | 3079.3  |
| Stddev    | 6.5     | 46.     | 4.0     | .039    | 5.3     |
| %RSD      | .25118  | .11374  | .10856  | .04522  | .17069  |
| #1        | 2603.1  | 40016.  | 3694.0  | 85.273  | 3075.5  |
| #2        | 2612.3  | 40080.  | 3688.3  | 85.327  | 3083.0  |

Sample Name: PB105481BS      Acquired: 1/4/2018 13:32:18      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-15-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .76049 | 1.8288 | .90206 | 1.8990   | .77061 | 1.8520 | .19880 |
| Stddev | .00342 | .0035  | .00001 | .0116    | .00390 | .0163  | .00048 |
| %RSD   | .44927 | .18907 | .00087 | .61042   | .50548 | .88106 | .23939 |
| #1     | .76291 | 1.8313 | .90207 | 1.9072   | .77337 | 1.8405 | .19914 |
| #2     | .75808 | 1.8264 | .90206 | 1.8908   | .76786 | 1.8635 | .19847 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .18972 | .17936 | 1.0038 | .38305   | .18211 | .29731 | 2.9701 |
| Stddev | .00076 | .00021 | .0073  | .00114   | .00053 | .00049 | .0386  |
| %RSD   | .39875 | .11937 | .72333 | .29641   | .29101 | .16351 | 1.2994 |
| #1     | .18918 | .17951 | .99867 | .38225   | .18173 | .29696 | 2.9974 |
| #2     | .19025 | .17920 | 1.0089 | .38385   | .18248 | .29765 | 2.9428 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19900 | 1.9294 | .45859 | .06894   | 3.0430 | .28776 | .20218 |
| Stddev | .00001 | .0062  | .00090 | .00054   | .0013  | .00032 | .00123 |
| %RSD   | .00461 | .31907 | .19700 | .78299   | .04234 | .11272 | .60876 |
| #1     | .19899 | 1.9338 | .45795 | .06932   | 3.0421 | .28799 | .20306 |
| #2     | .19901 | 1.9251 | .45923 | .06856   | 3.0439 | .28753 | .20131 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 9.9154 | .40295 | .29309 | F .00731 | .90720 | .64958 | .20269 |
| Stddev | .0517  | .00045 | .01096 | .00028   | .00153 | .00109 | .00297 |
| %RSD   | .52193 | .11142 | 3.7397 | 3.8498   | .16865 | .16830 | 1.4632 |
| #1     | 9.8788 | .40327 | .30084 | -.00751  | .90828 | .64881 | .20059 |
| #2     | 9.9520 | .40263 | .28534 | -.00711  | .90612 | .65035 | .20478 |

Sample Name: PB105481BS      Acquired: 1/4/2018 13:32:18      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-15-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .19356 | 5.866  | .19204 | F<00000 | F15.858 |
| Stddev | .00027 | .015   | .00015 | .16630  | 1.935   |
| %RSD   | .13934 | .2495  | .07824 | 13.900  | 12.203  |

|    |        |       |        |         |        |
|----|--------|-------|--------|---------|--------|
| #1 | .19337 | 5.876 | .19193 | -1.3139 | 17.227 |
| #2 | .19376 | 5.856 | .19215 | -1.0788 | 14.490 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2595.8  | 39901.  | 3673.4  | 33.382 | 3044.2 |
| Stddev    | 11.2    | 88.     | 4.3     | .996   | 10.8   |
| %RSD      | .43009  | .22054  | .11806  | 1.1950 | .35427 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2587.9 | 39963. | 3670.3 | 82.677 | 3036.6 |
| #2 | 2603.7 | 39839. | 3676.5 | 84.086 | 3051.8 |



Sample Name: J1033-01  
Method: P4-ICP2(v1897)  
User: JASWAL/BINHE  
Comment:

Acquired: 1/4/2018 13:48:27      Type: Unk  
Mode: CONC      Corr. Factor: 1.000000  
Custom ID1: SB-14-COMP      Custom ID2:      Custom ID3:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08963 | .00831 | .26.903 | .09609 | .05937 | 133.81 | 3.2947 | .00512 |
| Stddev | .00063 | .00134 | .044    | .00505 | .00081 | 1.85   | .0001  | .00020 |
| %RSD   | .69983 | 16.153 | .16180  | 5.2516 | 1.3711 | 1.3798 | .00300 | 3.9581 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .09007 | .00736 | 26.872 | .09966 | .05880 | 135.11 | 3.2946 | .00526 |
| #2 | .08918 | .00926 | 26.934 | .09252 | .05995 | 132.50 | 3.2948 | .00498 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00642 | .268.65 | .20989 | .14123 | 1.1082 | 332.84 | 5.2257 | 55.545 |
| Stddev | .00008 | .66     | .00351 | .00071 | .0008  | 1.84   | .0486  | .066   |
| %RSD   | 1.2758 | .24397  | 1.6708 | .50319 | .07209 | .55292 | .93047 | .11940 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00636 | 268.18 | .21237 | .14073 | 1.1076 | 331.53 | 5.2601 | 55.498 |
| #2 | -.00648 | 269.11 | .20741 | .14173 | 1.1088 | 334.14 | 5.1913 | 55.592 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28712 | .02606 | 9.2151 | .51071 | 1.3819 | 17.183 | .00420 | .36360 |
| Stddev | .00236 | .00008 | .0164  | .00650 | .0073  | .004   | .00008 | .00111 |
| %RSD   | .82182 | .31683 | .17795 | 1.2720 | .53119 | .02389 | 1.9121 | .30457 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28879 | .02600 | 9.2035 | .51531 | 1.3768 | 17.186 | .00425 | .36282 |
| #2 | .28546 | .02612 | 9.2267 | .50612 | 1.3871 | 17.180 | .00414 | .36439 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 3.1044 | 7.0802 | .07052 | 4.4075 | .13769 | 9.472  | 1.2647 | F128.21 |
| Stddev | .0051  | .0391  | .00112 | .0045  | .00100 | .017   | .0019  | .74     |
| %RSD   | .08388 | .55265 | 1.5907 | .10307 | .72353 | .1785  | .15063 | .57457  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 6.1008 | 7.0525 | .06972 | 4.4043 | .13699 | 9.460 | 1.2634 | 127.69 |
| #2 | 6.1080 | 7.1078 | .07131 | 4.4108 | .13840 | 9.484 | 1.2661 | 128.73 |

Sample Name: J1033-01      Acquired: 1/4/2018 13:48:27      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-14-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 309.07 |
| Stddev | 4.49   |
| %RSD   | .73763 |

|    |        |
|----|--------|
| #1 | 605.90 |
| #2 | 612.25 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2885.7 | 44895. | 4473.4 | 31.799 | 2616.4 |
| Stddev    | 1.4    | 735.   | 3.5    | .349   | .8     |
| %RSD      | .04895 | 1.6367 | .07922 | .42668 | .02900 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2884.7 | 44375. | 4476.0 | 82.045 | 2616.9 |
| #2 | 2886.7 | 45415. | 4470.9 | 81.552 | 2615.9 |

Sample Name: J1033-01DUP      Acquired: 1/4/2018 13:52:25      Type: Unk

Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: SB-13-COMP      Custom ID2:      Custom ID3:

Comment:

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203  | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08663 | .00999 | .27.168 | .09276 | .05986 | 133.83 | 3.2026 | .00510 |
| Stddev | .00433 | .00051 | .149    | .00358 | .00017 | .73    | .0060  | .00001 |
| %RSD   | 4.9980 | 5.1321 | .54664  | 3.8543 | .28283 | .54567 | .18749 | .26007 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08357 | .00963 | 27.273 | .09023 | .05998 | 134.35 | 3.2069 | .00511 |
| #2 | .08969 | .01035 | 27.063 | .09528 | .05974 | 133.31 | 3.1984 | .00509 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00581 | 260.67 | .21156 | .14263 | 1.1185 | 331.49 | 5.2014 | 54.089 |
| Stddev | .00013 | .12    | .00101 | .00083 | .0051  | .85    | .0782  | .108   |
| %RSD   | 2.2658 | .04565 | .47661 | .58183 | .45694 | .25617 | 1.5026 | .19970 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00572 | 260.75 | .21228 | .14321 | 1.1221 | 330.89 | 5.2566 | 54.013 |
| #2 | -.00590 | 260.59 | .21085 | .14204 | 1.1149 | 332.09 | 5.1461 | 54.165 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28985 | .02547 | 3.9559 | .51348 | 1.3830 | 16.754 | .00424 | .35829 |
| Stddev | .00090 | .00053 | .0073  | .00564 | .0023  | .114   | .00002 | .00230 |
| %RSD   | .30907 | 2.0915 | .08180 | 1.0988 | .16814 | .68262 | .45836 | .64281 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .29048 | .02509 | 8.9507 | .51747 | 1.3847 | 16.835 | .00422 | .35666 |
| #2 | .28922 | .02585 | 8.9611 | .50949 | 1.3814 | 16.673 | .00425 | .35992 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 3.1729 | 3.8694 | .07255 | 4.2677 | .13273 | 9.578  | 1.2309 | F129.09 |
| Stddev | .0293  | .2559  | .00035 | .0003  | .00044 | .058   | .0016  | .37     |
| %RSD   | .47533 | 3.7254 | .48921 | .00605 | .33475 | .6079  | .12828 | .28861  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 6.1937 | 6.6885 | .07280 | 4.2679 | .13305 | 9.619 | 1.2297 | 128.83 |
| #2 | 6.1522 | 7.0504 | .07230 | 4.2676 | .13242 | 9.537 | 1.2320 | 129.36 |

Sample Name: J1033-01DUP      Acquired: 1/4/2018 13:52:25      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-13-COMP      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 16.98  
Stddev      9.67  
%RSD      1.5672

#1      610.14  
#2      623.81

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2873.8  | 44676.  | 4586.1  | 31.979 | 2599.6 |
| Stddev    | 9.3     | 402.    | 14.1    | .042   | 12.8   |
| %RSD      | .32231  | .90059  | .30686  | .05087 | .49051 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2867.2 | 44391. | 4576.1 | 81.950 | 2590.6 |
| #2 | 2880.3 | 44960. | 4596.0 | 82.009 | 2608.6 |

Sample Name: PB105468BL      Acquired: 1/4/2018 13:56:23      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-19-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00270 | .00175 | .00233 | .00269 | .00318 | .00927 | .00063 |
| Stddev | .00197 | .00133 | .00049 | .00063 | .00240 | .00621 | .00134 |
| %RSD   | 72.947 | 75.913 | 21.110 | 23.555 | 75.637 | 67.006 | 212.72 |

|    |         |         |        |        |        |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00131 | -.00269 | .00268 | .00314 | .00148 | -.00488 | -.00158 |
| #2 | -.00409 | -.00081 | .00198 | .00224 | .00488 | -.01366 | .00032  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00004 | .01302 | .00041 | .00004 | .00003 | .01182 |
| Stddev | .00013 | .00010 | .00977 | .00031 | .00033 | .00070 | .00905 |
| %RSD   | 390.65 | 256.92 | 75.026 | 74.916 | 782.56 | 2380.5 | 76.571 |

|    |         |         |        |         |         |         |        |
|----|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00013 | -.00003 | .01992 | -.00063 | -.00019 | .00052  | .01822 |
| #2 | .00006  | .00011  | .00611 | -.00019 | .00027  | -.00046 | .00542 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .00174 | .00011 | .00022 | .05055 | .00018 | .00038 |
| Stddev | .00011 | .02864 | .00003 | .00046 | .00550 | .00011 | .00001 |
| %RSD   | 106.65 | 1647.6 | 23.610 | 213.76 | 10.876 | 62.366 | 3.8966 |

|    |        |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00018 | -.01851 | -.00009 | .00055  | -.04666 | .00027 | -.00039 |
| #2 | .00003 | .02199  | -.00013 | -.00011 | -.05444 | .00010 | -.00037 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01938 | .00135 | .01260 | .00054 | .00778 | .00027 | .00060 |
| Stddev | .01452 | .00026 | .00326 | .00105 | .00685 | .00011 | .00125 |
| %RSD   | 74.933 | 19.225 | 25.854 | 194.81 | 88.087 | 39.965 | 208.66 |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00911 | -.00117 | -.01030 | -.00020 | -.01262 | -.00019 | .00028  |
| #2 | .02965 | -.00154 | -.01491 | .00128  | -.00293 | -.00035 | -.00148 |

Sample Name: PB105468BL      Acquired: 1/4/2018 13:56:23      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-19-COMP      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |          |          |
|-----------|---------|---------|---------|----------|----------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670   | U_3859   |
| Units     | ppm     | ppm     | ppm     | ppm      | ppm      |
| Avg       | .00428  | .0023   | .00003  | F<.00000 | F<.00000 |
| Stddev    | .00101  | .0001   | .00001  | .10087   | 1.7040   |
| %RSD      | 23.619  | 4.357   | 55.035  | 84.947   | 55.718   |
| #1        | -.00500 | .0022   | .00004  | -.04742  | -4.2632  |
| #2        | -.00357 | .0024   | .00002  | -.19008  | -1.8534  |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306   | ln2306   |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S    | Cts/S    |
| Avg       | 2646.1  | 40560.  | 3748.3  | 34.132   | 3113.6   |
| Stddev    | 7.2     | 155.    | 19.4    | .701     | 1.4      |
| %RSD      | .27099  | .38287  | .51799  | .83283   | .04510   |
| #1        | 2641.1  | 40450.  | 3734.6  | 83.636   | 3112.6   |
| #2        | 2651.2  | 40670.  | 3762.0  | 84.627   | 3114.6   |

Sample Name: CCV03      Acquired: 1/4/2018 14:00:30      Type: Unk  
Method: P4-ICP2(v1897)      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    | 4.9966 | 4.8760 | 4.8702 | 4.9912 | 5.0032 | 3.9737 | 10.109 | 2.4998 | 2.4174 |
| Stddev | .0436  | .0308  | .0355  | .0386  | .0295  | .0705  | .001   | .00022 | .0154  |
| %RSD   | .87267 | .63074 | .72912 | .77230 | .58959 | .70701 | .01081 | .08667 | .63683 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.0275 | 4.8977 | 4.8953 | 5.0185 | 5.0241 | 10.024 | 10.110 | .25014 | 2.4283 |
| #2 | 4.9658 | 4.8542 | 4.8451 | 4.9640 | 4.9824 | 9.9238 | 10.109 | .24983 | 2.4065 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.940 | .98490 | 2.4386 | 1.2555 | 5.1722 | 2.5063 | 25.006 | 2.4394 | 1.2426 |
| Stddev | .078   | .00037 | .0152  | .0095  | .0323  | .0032  | .146   | .0160  | .0017  |
| %RSD   | .31117 | .03714 | .62117 | .75524 | .62517 | .12953 | .58361 | .65778 | .13560 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.885 | .98516 | 2.4493 | 1.2622 | 5.1950 | 2.5040 | 24.903 | 2.4508 | 1.2414 |
| #2 | 24.995 | .98464 | 2.4279 | 1.2488 | 5.1493 | 2.5086 | 25.109 | 2.4281 | 1.2438 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.850 | 2.4814 | 2.6106 | 25.475 | 5.0481 | 5.0739 | 4.8707 | 5.0106 | 4.8833 |
| Stddev | .055   | .0004  | .0444  | .052   | .0301  | .0333  | .0383  | .0034  | .0255  |
| %RSD   | .21959 | .01445 | 1.7006 | .20243 | .59689 | .65565 | .78593 | .06701 | .52301 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.812 | 2.4812 | 2.6420 | 25.439 | 5.0694 | 5.0504 | 4.8978 | 5.0130 | 4.9013 |
| #2 | 24.889 | 2.4817 | 2.5792 | 25.512 | 5.0268 | 5.0975 | 4.8436 | 5.0083 | 4.8652 |

|        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9960 | 5.0340 | 4.775  | 4.9948 | 2.4318 | 5.6364 |
| Stddev | .0042  | .0003  | .040   | .0109  | .4259  | 1.8528 |
| %RSD   | .08368 | .00582 | .8404  | .21848 | 17.514 | 27.919 |

|    |        |        |       |        |        |        |
|----|--------|--------|-------|--------|--------|--------|
| #1 | 4.9989 | 5.0338 | 4.803 | 5.0025 | 2.1306 | 5.3263 |
| #2 | 4.9930 | 5.0342 | 4.746 | 4.9871 | 2.7330 | 7.9466 |

Sample Name: CCV03      Acquired: 1/4/2018 14:00:30      Type: Unk  
Method: P4-ICP2(v1897)      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       | 2555.8  | 39075.  | 3738.1  | 31.093 | 2834.9 |
| Stddev    | 15.4    | 73.     | 7.9     | 1.321  | 17.7   |
| %RSD      | .60352  | .18756  | .21051  | 1.6291 | .62403 |
| #1        | 2544.9  | 39023.  | 3743.7  | 80.159 | 2822.4 |
| #2        | 2566.7  | 39127.  | 3732.6  | 82.027 | 2847.4 |



Sample Name: CCB03      Acquired: 1/4/2018 14:04:17      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00133 | .00174 | .00184 | .00437 | .00364 | .00117 | .00029 | .00002 |
| Stddev | .00230 | .00021 | .00216 | .00087 | .00125 | .00705 | .00000 | .00009 |
| %RSD   | 173.41 | 12.092 | 117.59 | 19.839 | 34.497 | 603.56 | .18786 | 411.69 |

|    |         |         |        |        |        |         |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|---------|
| #1 | -.00296 | -.00159 | .00337 | .00376 | .00452 | -.00615 | -.00029 | -.00008 |
| #2 | .00030  | -.00189 | .00031 | .00498 | .00275 | .00382  | -.00029 | .00004  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01788 | .00018 | .00002 | .00002 | .00079 | .00003 | .06168 |
| Stddev | .00003 | .00791 | .00001 | .00028 | .00011 | .01548 | .00001 | .02480 |
| %RSD   | 29.773 | 44.241 | 3.8919 | 1433.4 | 469.93 | 1972.4 | 52.614 | 40.213 |

|    |        |        |         |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00007 | .01229 | -.00017 | .00018  | -.00005 | -.01173 | .00002 | -.07922 |
| #2 | .00011 | .02347 | -.00018 | -.00022 | .00010  | .01016  | .00004 | -.04414 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00021 | .00012 | .05900 | .00042 | .00021 | .02244 | .00078 | .00219 |
| Stddev | .00000 | .00013 | .00628 | .00042 | .00005 | .01563 | .00033 | .00156 |
| %RSD   | .27303 | 111.50 | 10.645 | 100.21 | 25.808 | 69.673 | 42.627 | 71.058 |

|    |        |        |         |        |         |        |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00021 | .00003 | -.06344 | .00071 | -.00017 | .01138 | .00102 | .00109 |
| #2 | .00021 | .00021 | -.05456 | .00012 | -.00025 | .03349 | .00055 | .00330 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00108 | .00085 | .00047 | .00173 | .00488 | .0029  | .00014 | <.00000 |
| Stddev | .00016 | .00646 | .00174 | .00114 | .00010 | .0003  | .00006 | .89908  |
| %RSD   | 14.865 | 757.50 | 371.40 | 65.728 | 2.0868 | 11.20  | 41.131 | 325.56  |

|    |        |         |         |         |         |       |        |         |
|----|--------|---------|---------|---------|---------|-------|--------|---------|
| #1 | .00119 | -.00542 | -.00170 | -.00253 | -.00481 | .0027 | .00018 | .35958  |
| #2 | .00097 | .00371  | .00076  | -.00093 | -.00495 | .0031 | .00010 | -.91191 |

Sample Name: CCB03      Acquired: 1/4/2018 14:04:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1.7073 |
| Stddev | 4.8037 |
| %RSD   | 281.37 |

|    |         |
|----|---------|
| #1 | 5.1040  |
| #2 | -1.6895 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2631.2  | 40735.  | 3735.0  | 35.305 | 3096.9 |
| Stddev    | 11.2    | 785.    | 9.9     | 2.244  | 8.0    |
| %RSD      | .42619  | 1.9265  | .26426  | 2.6299 | .25713 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2623.2 | 40180. | 3728.0 | 83.718 | 3091.3 |
| #2 | 2639.1 | 41290. | 3742.0 | 86.891 | 3102.5 |

Sample Name: J1033-01LX5      Acquired: 1/4/2018 14:09:25      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-12-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02083 | .00103 | 5.2656 | .02354 | .00935 | 28.392 | .73826 | .00118 |
| Stddev | .00039 | .00218 | .0127  | .00133 | .00198 | .127   | .01724 | .00011 |
| %RSD   | 1.8489 | 211.30 | .24046 | 5.6417 | 21.234 | .44644 | 2.3352 | 9.0452 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .02056 | .00258  | 5.2567 | .02448 | .00794 | 28.302 | .75045 | .00126 |
| #2 | .02110 | -.00051 | 5.2746 | .02261 | .01075 | 28.481 | .72607 | .00111 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00190 | 31.620 | .04775 | .02716 | .26021 | 36.198 | 1.2259 | 12.841 |
| Stddev | .00002 | 1.629  | .00116 | .00052 | .00016 | .078   | .0036  | .299   |
| %RSD   | .80990 | 2.6436 | 2.4265 | 1.9133 | .06202 | .11749 | .28947 | 2.3305 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00189 | 62.771 | .04693 | .02679 | .26009 | 66.253 | 1.2234 | 13.053 |
| #2 | -.00191 | 60.468 | .04857 | .02753 | .26032 | 66.143 | 1.2284 | 12.629 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05487 | .00488 | 1.9777 | .11452 | .27586 | 3.8057 | .00001 | .06866 |
| Stddev | .00058 | .00034 | .0554  | .00021 | .00178 | .0615  | .00035 | .00656 |
| %RSD   | 1.0578 | 6.9967 | 2.8032 | .18499 | .64376 | 1.6148 | 3873.8 | 9.5555 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .05446 | .00464 | 2.0169 | .11437 | .27711 | 3.8492 | -.00025 | .07330 |
| #2 | .05528 | .00512 | 1.9385 | .11467 | .27460 | 3.7622 | .00024  | .06402 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0908 | 1.6189 | .01311 | .99666 | .02574 | 1.752  | .28362 | 25.845 |
| Stddev | .0020  | .0324  | .00062 | .02324 | .00051 | .009   | .00680 | .610   |
| %RSD   | .18333 | 2.0036 | 4.7272 | 2.3317 | 1.9699 | .5389  | 2.3973 | 2.3601 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 1.0894 | 1.6419 | .01355 | 1.0131 | .02609 | 1.745 | .28843 | 26.276 |
| #2 | 1.0923 | 1.5960 | .01267 | .98023 | .02538 | 1.759 | .27882 | 25.414 |

Sample Name: J1033-01LX5      Acquired: 1/4/2018 14:09:25      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-12-COMP      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 36.300 |
| Stddev | .631   |
| %RSD   | .73066 |

|    |        |
|----|--------|
| #1 | 85.854 |
| #2 | 86.745 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2666.7  | 40948.  | 3863.7  | 33.907 | 2923.7 |
| Stddev    | 8.3     | 8.      | 108.1   | .583   | .8     |
| %RSD      | .31162  | .01932  | 2.7984  | .69472 | .02793 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2660.8 | 40942. | 3787.2 | 83.495 | 2923.1 |
| #2 | 2672.5 | 40954. | 3940.1 | 84.320 | 2924.3 |

Sample Name: J1033-01MS      Acquired: 1/4/2018 14:13:26      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SB-11-COMP      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |        |         |
|--------|---------|---------|---------|---------|---------|---------|--------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934 | Be2348  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | k.78462 | k1.9185 | k3.6282 | k1.7521 | k.18672 | s173.64 | 1.2306 | s.21388 |
| Stddev | .02974  | .0305   | .0944   | .1098   | .00446  | 34.51   | .0005  | .04385  |
| %RSD   | 3.7900  | 1.5879  | 1.0939  | 6.2689  | 2.3886  | 19.877  | .04363 | 20.501  |

|    |         |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|---------|--------|---------|
| #1 | k.76359 | k1.8969 | k8.5614 | k1.6744 | k.18357 | s198.04 | 1.2302 | s.24488 |
| #2 | .80564  | 1.9400  | 8.6949  | 1.8298  | .18988  | 149.23  | 1.2310 | .18287  |

|        |         |         |         |         |         |         |         |        |
|--------|---------|---------|---------|---------|---------|---------|---------|--------|
| Elem   | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  | Mn2576  | Mg2790 |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg    | k.20728 | k201.14 | s.64289 | k.34822 | k104.98 | k325.80 | s3.0347 | 53.760 |
| Stddev | .02240  | .52     | .14048  | .00407  | .38     | .81     | 1.1171  | .106   |
| %RSD   | 10.808  | .25968  | 21.852  | 1.1698  | .35871  | .24800  | 18.511  | .19669 |

|    |         |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|---------|--------|
| #1 | k.22312 | k201.51 | s.74223 | k.35110 | k104.71 | k325.23 | s6.8246 | 53.835 |
| #2 | .19143  | 200.77  | .54355  | .34534  | 105.25  | 326.37  | 5.2448  | 53.686 |

|        |        |         |        |         |         |        |        |         |
|--------|--------|---------|--------|---------|---------|--------|--------|---------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924  | Zn2138  | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     |
| Avg    | .78383 | s.07792 | 11.334 | s.87392 | k1.3830 | 26.126 | .35189 | k.35004 |
| Stddev | .00640 | .01494  | .033   | .17085  | .1042   | .022   | .00001 | .33731  |
| %RSD   | .81618 | 19.170  | .28677 | 19.550  | 7.5367  | .08247 | .00420 | 96.363  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .77930 | s.06736 | 11.311 | s.99473 | k1.4567 | 26.111 | .35190 | k.11153 |
| #2 | .78835 | .08849  | 11.357 | .75311  | 1.3093  | 26.141 | .35188 | .58856  |

|        |         |         |         |         |        |        |         |         |
|--------|---------|---------|---------|---------|--------|--------|---------|---------|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077  | U_3670  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm     | ppm     |
| Avg    | k4.3118 | k3.2593 | k.72049 | k5.0381 | .32046 | k14.77 | k.98862 | F120.06 |
| Stddev | .0242   | .3399   | .00844  | .0120   | .00035 | .02    | .01119  | .81     |
| %RSD   | .56128  | 4.1149  | 1.1711  | .23843  | .11023 | .1292  | 1.1322  | .67778  |

|    |         |         |         |         |        |        |         |        |
|----|---------|---------|---------|---------|--------|--------|---------|--------|
| #1 | k4.2947 | k8.0190 | k.71452 | k5.0296 | .32021 | k14.76 | k.99653 | 120.64 |
| #2 | 4.3290  | 8.4997  | .72646  | 5.0466  | .32071 | 14.78  | .98070  | 119.48 |

Sample Name: J1033-01MS      Acquired: 1/4/2018 14:13:26      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SB-11-COMP      Custom ID2:      Custom ID3:  
 Comment:

Elem            U\_3859  
 Units           ppm  
 Avg            F 332.26  
 Stddev        1.74  
 %RSD         .27495

#1             633.49  
 #2             631.03

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2753.7  | ^ ***** | 4398.2  | 30.896 | 2607.0 |
| Stddev    | .7      | -----   | 12.7    | .162   | 7.2    |
| %RSD      | .02689  | -----   | .28886  | .20074 | .27664 |

|    |        |         |        |        |        |
|----|--------|---------|--------|--------|--------|
| #1 | 2754.2 | ^ ----- | 4389.3 | 80.781 | 2612.1 |
| #2 | 2753.2 | 44531.  | 4407.2 | 81.011 | 2601.9 |

Sample Name: J1033-01MSD      Acquired: 1/4/2018 14:17:23      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .79961 | 1.9482 | 3.7317 | 1.8172 | .19135 | 146.85 | 1.2169 | .18101  |
| Stddev | .01657 | .0351  | .2021  | .0324  | .00158 | .37    | .0051  | .00028  |
| %RSD   | 2.0722 | 1.7996 | 2.3150 | 1.7819 | .82649 | .25264 | .42264 | .15567  |
| #1     | .81132 | 1.9730 | 8.8746 | 1.8401 | .19247 | 146.58 | 1.2205 | .18081  |
| #2     | .78789 | 1.9234 | 8.5888 | 1.7943 | .19023 | 147.11 | 1.2132 | .18121  |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .19145 | 198.28 | .54040 | .34668 | 105.98 | 323.09 | 5.1992 | 53.207  |
| Stddev | .00533 | .15    | .00345 | .00738 | 1.93   | .02    | .0236  | .330    |
| %RSD   | 2.7862 | .07719 | .63843 | 2.1285 | 1.8175 | .00715 | .45456 | .62015  |
| #1     | .19523 | 198.17 | .53796 | .35190 | 107.34 | 323.11 | 5.1824 | 52.973  |
| #2     | .18768 | 198.38 | .54284 | .34146 | 104.62 | 323.08 | 5.2159 | 53.440  |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .79006 | .08764 | 11.205 | .74929 | 1.3003 | 25.789 | .35363 | .57419  |
| Stddev | .01910 | .00027 | .033   | .00113 | .0118  | .099   | .00649 | .00351  |
| %RSD   | 2.4172 | .30428 | .29611 | .15119 | .91126 | .38482 | 1.8357 | .61076  |
| #1     | .80356 | .08783 | 11.228 | .74849 | 1.3086 | 25.859 | .35822 | .57171  |
| #2     | .77656 | .08745 | 11.182 | .75009 | 1.2919 | 25.719 | .34904 | .57667  |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.3299 | 3.1389 | .73278 | 5.0035 | .31817 | 14.85  | .97125 | F117.08 |
| Stddev | .0998  | .0281  | .01871 | .0013  | .00014 | .36    | .00386 | 1.50    |
| %RSD   | 2.3053 | .34527 | 2.5531 | .02570 | .04396 | 2.409  | .39717 | 1.2820  |
| #1     | 4.4005 | 8.1588 | .74601 | 5.0026 | .31807 | 15.10  | .96853 | 116.02  |
| #2     | 4.2593 | 8.1191 | .71955 | 5.0044 | .31826 | 14.60  | .97398 | 118.15  |

Sample Name: J1033-01MSD      Acquired: 1/4/2018 14:17:23      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
 Comment:

|        |                    |
|--------|--------------------|
| Elem   | U_3859             |
| Units  | ppm                |
| Avg    | <del>F</del> 13.95 |
| Stddev | 4.10               |
| %RSD   | .66727             |

|    |        |
|----|--------|
| #1 | 611.05 |
| #2 | 616.84 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2742.0  | 44741.  | 4424.7  | 31.248 | 2586.1 |
| Stddev    | 42.1    | 12.     | 26.0    | .654   | 54.6   |
| %RSD      | 1.5354  | .02642  | .58735  | .80501 | 2.1121 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2712.2 | 44733. | 4406.3 | 80.786 | 2547.5 |
| #2 | 2771.7 | 44749. | 4443.0 | 81.711 | 2624.7 |



Sample Name: J1033-01A      Acquired: 1/4/2018 14:21:21      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-2      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75936 | 1.8369 | 27.566 | 1.7165 | .73203 | 133.75 | 3.4382 | .17546 |
| Stddev | .00216 | .0046  | .009   | .0062  | .00100 | .09    | .0017  | .00078 |
| %RSD   | .28436 | .25336 | .03169 | .35847 | .13651 | .06651 | .04940 | .44519 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76089 | 1.8402 | 27.572 | 1.7208 | .73132 | 133.69 | 3.4394 | .17491 |
| #2 | .75784 | 1.8336 | 27.560 | 1.7121 | .73274 | 133.81 | 3.4370 | .17601 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17985 | 267.76 | .52358 | .32977 | 1.3401 | 331.94 | 5.3266 | 56.892 |
| Stddev | .00047 | 1.00   | .00062 | .00063 | .0049  | 1.42   | .0240  | .279   |
| %RSD   | .26151 | .37308 | .11819 | .19030 | .36534 | .42798 | .45055 | .49114 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18019 | 267.05 | .52401 | .33021 | 1.3436 | 330.93 | 5.3097 | 56.694 |
| #2 | .17952 | 268.46 | .52314 | .32933 | 1.3367 | 332.94 | 5.3436 | 57.089 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75502 | .08740 | 11.588 | .74821 | 1.5766 | 25.399 | .34603 | .60997 |
| Stddev | .00144 | .00029 | .010   | .00064 | .0076  | .014   | .00211 | .01142 |
| %RSD   | .19059 | .33118 | .08403 | .08532 | .48018 | .05350 | .61105 | 1.8717 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75400 | .08719 | 11.581 | .74866 | 1.5712 | 25.389 | .34753 | .60190 |
| #2 | .75604 | .08760 | 11.595 | .74776 | 1.5819 | 25.408 | .34454 | .61805 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 3.0447 | 7.7115 | .75142 | 4.4997 | .30455 | 15.83  | 1.4203 | F124.27 |
| Stddev | .0153  | .0362  | .00379 | .0133  | .00221 | .04    | .0029  | 2.92    |
| %RSD   | .25265 | .46924 | .50497 | .29613 | .72700 | .2622  | .20699 | 2.3496  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 6.0555 | 7.7371 | .75410 | 4.4903 | .30298 | 15.86 | 1.4183 | 122.21 |
| #2 | 6.0339 | 7.6859 | .74873 | 4.5091 | .30611 | 15.80 | 1.4224 | 126.34 |

Sample Name: J1033-01A      Acquired: 1/4/2018 14:21:21      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-2      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      ~~513.15~~  
 Stddev      17.99  
 %RSD      2.9341

#1      600.42  
 #2      625.87

| Int. Std. | Y_ 2243           | Y_ 3600           | Y_ 3710           | In2306            | In2306            |
|-----------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Units     | Cts/S             | Cts/S             | Cts/S             | Cts/S             | Cts/S             |
| Avg       | <del>2851.9</del> | <del>44275.</del> | <del>4404.6</del> | <del>30.534</del> | <del>2596.4</del> |
| Stddev    | 9.1               | 99.               | 13.1              | .334              | 2.8               |
| %RSD      | .32076            | .22411            | .29742            | .41504            | .10812            |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2845.4 | 44345. | 4413.9 | 80.770 | 2594.4 |
| #2 | 2858.3 | 44205. | 4395.4 | 80.298 | 2598.4 |

Sample Name: J1033-02      Acquired: 1/4/2018 14:25:18      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-3      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07900 | .00536 | .86800 | .04547 | .00685 | .11283 | 1.9978 | .00623 |
| Stddev | .00371 | .00026 | .00402 | .00698 | .00002 | 4.525  | .1177  | .00012 |
| %RSD   | 4.6994 | 4.9213 | .46271 | 15.347 | .32388 | 4.9573 | 5.8927 | 1.9341 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08163 | .00517 | .86516 | .05041 | .00687 | 94.483 | 2.0810 | .00632 |
| #2 | .07638 | .00555 | .87084 | .04054 | .00683 | 88.083 | 1.9145 | .00615 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00384 | 161.92 | .14338 | .09525 | .36047 | 153.88 | 3.3074 | 35.648 |
| Stddev | .00128 | 9.24   | .00865 | .00130 | .00547 | 12.06  | .1794  | 1.898  |
| %RSD   | 33.415 | 5.7054 | 6.0338 | 1.3665 | 1.5176 | 7.8398 | 5.4243 | 5.3258 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00475 | 168.45 | .14949 | .09432 | .35660 | 162.41 | 3.4342 | 36.991 |
| #2 | -.00294 | 155.39 | .13726 | .09617 | .36434 | 145.35 | 3.1805 | 34.306 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .40611 | .01288 | 3.5401 | .25577 | .71097 | 17.473 | .00968 | .17370 |
| Stddev | .00514 | .00065 | .4682  | .01331 | .05100 | .940   | .00017 | .01476 |
| %RSD   | 1.2646 | 5.0599 | 5.4825 | 5.2024 | 7.1729 | 5.3798 | 1.7680 | 8.4994 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .40248 | .01334 | 8.8712 | .26518 | .74703 | 18.138 | .00981 | .18414 |
| #2 | .40974 | .01242 | 8.2090 | .24636 | .67491 | 16.808 | .00956 | .16326 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7106 | 7.6326 | .03567 | 3.7055 | .09419 | 7.514  | 2.2166 | 34.837 |
| Stddev | .0241  | .2671  | .00018 | .2203  | .00510 | .068   | .1309  | .007   |
| %RSD   | .64917 | 3.4997 | .49710 | 5.9453 | 5.4163 | .9072  | 5.9040 | .01126 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 3.6935 | 7.8215 | .03555 | 3.8613 | .09780 | 7.465 | 2.3091 | 64.832 |
| #2 | 3.7276 | 7.4437 | .03580 | 3.5498 | .09058 | 7.562 | 2.1240 | 64.842 |

Sample Name: J1033-02      Acquired: 1/4/2018 14:25:18      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-3      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 232.48  
Stddev      3.74  
%RSD      1.6079

#1      235.13  
#2      229.84

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2752.6  | 41833.  | 4127.2  | 32.377 | 2767.4 |
| Stddev    | 10.6    | 1900.   | 223.8   | 6.110  | 17.6   |
| %RSD      | .38537  | 4.5406  | 5.4221  | 7.4167 | .63637 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2760.1 | 40490. | 3969.0 | 78.057 | 2779.9 |
| #2 | 2745.1 | 43176. | 4285.4 | 86.697 | 2755.0 |

Sample Name: J1033-03      Acquired: 1/4/2018 14:29:16      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-4      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .12241 | .00909 | 3.3636 | .02744 | .01803 | 37.614 | 1.5476 | .00462 |
| Stddev | .00120 | .00065 | .0327  | .00119 | .00126 | .618   | .0021  | .00031 |
| %RSD   | .98186 | 7.1974 | .97150 | 4.3478 | 6.9910 | .63264 | .13608 | 6.6559 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .12156 | .00863 | 3.3867 | .02659 | .01714 | 97.178 | 1.5491 | .00483 |
| #2 | .12326 | .00955 | 3.3405 | .02828 | .01892 | 98.051 | 1.5461 | .00440 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00428 | 761.28 | .21310 | .10941 | .85273 | 306.72 | 4.5464 | 231.66 |
| Stddev | .00099 | .26    | .00157 | .00120 | .00509 | 7.47   | .0049  | .31    |
| %RSD   | 23.109 | .03394 | .73628 | 1.0964 | .59691 | 2.4368 | .10813 | .13379 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00358 | 761.10 | .21199 | .11026 | .85633 | 301.43 | 4.5429 | 231.44 |
| #2 | -.00498 | 761.47 | .21421 | .10856 | .84914 | 312.00 | 4.5499 | 231.88 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .42032 | .02251 | 18.026 | .34162 | 2.0559 | 16.744 | .00785 | .34797 |
| Stddev | .00496 | .00029 | .018   | .00046 | .0468  | .005   | .00020 | .01820 |
| %RSD   | 1.1810 | 1.2872 | .10163 | .13367 | 2.2766 | .02796 | 2.5572 | 5.2315 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .42383 | .02231 | 18.013 | .34194 | 2.0228 | 16.748 | .00771 | .33509 |
| #2 | .41681 | .02272 | 18.039 | .34130 | 2.0890 | 16.741 | .00799 | .36084 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 16.825 | 3.6249 | .24659 | 3.7099 | .13388 | 3.550  | 2.0876 | F 225.43 |
| Stddev | .170   | .0351  | .00337 | .0008  | .00053 | .080   | .0023  | .13      |
| %RSD   | 1.0119 | .96933 | 1.3667 | .02175 | .39331 | .9334  | .10840 | .05633   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 16.945 | 3.6497 | .24898 | 3.7093 | .13425 | 8.607 | 2.0892 | 225.34 |
| #2 | 16.704 | 3.6000 | .24421 | 3.7105 | .13351 | 8.494 | 2.0860 | 225.52 |

Sample Name: J1033-03      Acquired: 1/4/2018 14:29:16      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-4      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 536.58  
Stddev      5.33  
%RSD      .99329

#1      540.35  
#2      532.82

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2573.5  | 40084.  | 4178.2  | 77.030 | 2383.6 |
| Stddev    | 11.9    | 95.     | 4.7     | 1.755  | 24.8   |
| %RSD      | .46102  | .23631  | .11163  | 2.2778 | 1.0403 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2565.1 | 40151. | 4174.9 | 78.271 | 2366.0 |
| #2 | 2581.9 | 40017. | 4181.5 | 75.789 | 2401.1 |

Sample Name: J1033-04      Acquired: 1/4/2018 14:33:09      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |        |        |        |        |        |         |
|--------|---------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | As1890  | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .08478  | .01001 | 4.0199 | .08147 | .01307 | 109.60 | 1.2946 | .00540  |
| Stddev | .00457  | .00034 | .0365  | .00559 | .00025 | .65    | .0024  | .00003  |
| %RSD   | 5.3909  | 3.4394 | .90797 | 6.8624 | 1.9409 | .59348 | .18717 | .63466  |
| #1     | .08155  | .01025 | 4.0457 | .07752 | .01289 | 109.14 | 1.2963 | .00537  |
| #2     | .08801  | .00977 | 3.9941 | .08543 | .01325 | 110.06 | 1.2929 | .00542  |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00808  | 362.28 | .25297 | .10814 | .44249 | 340.70 | 3.3514 | 43.243  |
| Stddev | .00063  | .92    | .00000 | .00095 | .00412 | 2.00   | .0482  | .114    |
| %RSD   | 7.7608  | .25483 | .00052 | .88155 | .93211 | .58648 | .75906 | .26413  |
| #1     | -.00764 | 362.93 | .25297 | .10881 | .44541 | 339.28 | 6.3173 | 43.323  |
| #2     | -.00853 | 361.62 | .25296 | .10746 | .43958 | 342.11 | 6.3855 | 43.162  |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .21555  | .02691 | 12.140 | .35200 | 1.2082 | 21.691 | .00239 | .35788  |
| Stddev | .00296  | .00009 | .012   | .00030 | .0027  | .029   | .00002 | .00891  |
| %RSD   | 1.3712  | .33422 | .09671 | .08567 | .21897 | .13444 | .84600 | 2.4888  |
| #1     | .21764  | .02697 | 12.148 | .35179 | 1.2101 | 21.711 | .00237 | .35158  |
| #2     | .21346  | .02684 | 12.132 | .35222 | 1.2064 | 21.670 | .00240 | .36418  |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 7.7630  | 3.4947 | .15426 | 4.3609 | .16201 | 7.688  | 2.7453 | F132.98 |
| Stddev | .1157   | .0495  | .00126 | .0294  | .00103 | .092   | .0008  | .48     |
| %RSD   | 1.4899  | .76257 | .81772 | .67338 | .63854 | 1.195  | .02997 | .36130  |
| #1     | 7.8448  | 6.5297 | .15515 | 4.3817 | .16274 | 7.753  | 2.7447 | 132.64  |
| #2     | 7.6812  | 6.4597 | .15336 | 4.3402 | .16128 | 7.623  | 2.7459 | 133.32  |

Sample Name: J1033-04      Acquired: 1/4/2018 14:33:09      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 329.05 |
| Stddev | 5.15   |
| %RSD   | .81891 |

|    |        |
|----|--------|
| #1 | 625.41 |
| #2 | 632.70 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2762.1  | 42664.  | 4317.7  | 30.822 | 2584.2 |
| Stddev    | 18.2    | 15.     | 36.5    | .105   | 28.1   |
| %RSD      | .65942  | .03461  | .84602  | .12936 | 1.0860 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2749.2 | 42675. | 4291.8 | 80.748 | 2564.4 |
| #2 | 2775.0 | 42654. | 4343.5 | 80.895 | 2604.1 |



Sample Name: J1033-05      Acquired: 1/4/2018 14:37:08      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: SOIL-CUTTING      Custom ID2:  
Comment:

Custom ID3:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18604 | .01953 | 5.6300 | .16620 | .04083 | 141.98 | 1.7933 | .00644 |
| Stddev | .00195 | .00491 | .0162  | .00527 | .00576 | 3.40   | .0523  | .00054 |
| %RSD   | 1.0458 | 25.140 | .28702 | 3.1716 | 14.104 | 2.3963 | 2.9165 | 8.3977 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18466 | .01606 | 5.6414 | .16247 | .03676 | 144.38 | 1.7563 | .00682 |
| #2 | .18741 | .02301 | 5.6186 | .16993 | .04491 | 139.57 | 1.8303 | .00606 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01057 | 423.03 | .36208 | .16604 | 1.0995 | 581.24 | 3.9989 | 164.38 |
| Stddev | .00234 | 13.98  | .01082 | .00096 | .0036  | 17.31  | .1631  | 6.02   |
| %RSD   | 22.138 | 3.3057 | 2.9872 | .57665 | .33037 | 2.9778 | 2.3297 | 3.6600 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01223 | 413.15 | .36973 | .16672 | 1.1021 | 569.00 | 7.1142 | 160.12 |
| #2 | .00892 | 432.92 | .35443 | .16537 | 1.0970 | 593.48 | 6.8836 | 168.63 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .45343 | .04238 | 21.035 | .44279 | 3.0190 | 21.890 | .00620 | .59822 |
| Stddev | .00096 | .00269 | .624   | .01561 | .2231  | .631   | .00019 | .02005 |
| %RSD   | .21260 | 6.3529 | 2.9660 | 3.5252 | 2.7827 | 2.8833 | 3.0392 | 3.3509 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .45412 | .04048 | 20.594 | .45383 | 7.8612 | 21.444 | .00634 | .58405 |
| #2 | .45275 | .04429 | 21.477 | .43175 | 8.1768 | 22.337 | .00607 | .61240 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 3.6143 | 3.6185 | .31059 | 4.9539 | .17669 | 18.34  | 1.2621 | F 214.31 |
| Stddev | .0274  | .1127  | .00332 | .1673  | .00573 | .11    | .0413  | 1.11     |
| %RSD   | .31788 | 1.7026 | 1.0674 | 3.3773 | 3.2404 | .6026  | 3.2718 | .51567   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 8.6337 | 6.5388 | .30825 | 4.8355 | .17265 | 18.42 | 1.2329 | 213.53 |
| #2 | 8.5949 | 6.6982 | .31294 | 5.0722 | .18074 | 18.26 | 1.2913 | 215.09 |

Sample Name: J1033-05      Acquired: 1/4/2018 14:37:08      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: SOIL-CUTTING      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1344.7 |
| Stddev | 4.9    |
| %RSD   | .36689 |

|    |        |
|----|--------|
| #1 | 1348.2 |
| #2 | 1341.2 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2842.6  | 44740.  | 4609.3  | 79.189 | 2374.9 |
| Stddev    | 7.6     | 1265.   | 133.3   | 2.200  | 13.7   |
| %RSD      | .26745  | 2.8280  | 2.8914  | 2.7781 | .57813 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2837.2 | 43846. | 4703.6 | 80.745 | 2365.2 |
| #2 | 2848.0 | 45635. | 4515.1 | 77.633 | 2384.6 |

Sample Name: J1033-06      Acquired: 1/4/2018 14:41:07      Type: Unk

Method: P4-ICP2(v1897)      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    | 1.9553 | .02093 | 19.231 | .20952 | .03696 | 105.13 | 10.185 | .00467 |
| Stddev | .0009  | .00348 | .025   | .00468 | .00481 | .70    | .306   | .00004 |
| %RSD   | .04491 | 16.603 | .13026 | 2.2340 | 13.028 | .66690 | 3.0083 | .85586 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9547 | .01848 | 19.249 | .20621 | .03355 | 104.64 | 9.9687 | .00469 |
| #2 | 1.9559 | .02339 | 19.213 | .21283 | .04036 | 105.63 | 10.402 | .00464 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02086 | 161.95 | .70941 | .14613 | 4.3939 | 590.64 | 3.1838 | 37.834 |
| Stddev | .00283 | 5.34   | .00223 | .00081 | .0025  | 24.50  | .0370  | 1.367  |
| %RSD   | 13.553 | 3.2943 | .31416 | .55688 | .05601 | 4.1479 | .59813 | 3.6136 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02286 | 158.18 | .70783 | .14670 | 4.3922 | 573.31 | 6.1576 | 36.867 |
| #2 | .01886 | 165.72 | .71098 | .14555 | 4.3956 | 607.96 | 6.2100 | 38.801 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48964 | .04897 | 10.092 | .40553 | 14.657 | 19.935 | .01156 | .60220 |
| Stddev | .00130 | .00284 | .351   | .00019 | .570   | .608   | .00015 | .03185 |
| %RSD   | .26471 | 5.7937 | 3.4809 | .04765 | 3.8900 | 3.0514 | 1.3401 | 5.2894 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49055 | .04697 | 9.8441 | .40567 | 14.254 | 19.505 | .01145 | .57968 |
| #2 | .48872 | .05098 | 10.341 | .40540 | 15.061 | 20.366 | .01166 | .62472 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 10.069 | 7.1677 | .73662 | 4.2175 | .14395 | 23.02  | .96819 | F154.61 |
| Stddev | .046   | .0893  | .00245 | .1421  | .00645 | .00    | .03286 | .81     |
| %RSD   | .45305 | 1.2465 | .33246 | 3.3699 | 4.4830 | .0137  | 3.3938 | .52482  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 10.101 | 7.1045 | .73489 | 4.1170 | .13939 | 23.03 | .94496 | 155.18 |
| #2 | 10.037 | 7.2308 | .73835 | 4.3179 | .14852 | 23.02 | .99143 | 154.03 |

Sample Name: J1033-06      Acquired: 1/4/2018 14:41:07      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      ~~F~~1276.6  
 Stddev      17.8  
 %RSD      1.3953

#1      1289.2  
 #2      1264.0

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2855.1  | 44375.  | 4326.0  | 79.038 | 2606.1 |
| Stddev    | 3.0     | 105.    | 133.1   | 2.973  | 6.2    |
| %RSD      | .10391  | .23763  | 3.0775  | 3.7619 | .23779 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2853.1 | 44450. | 4420.1 | 81.141 | 2601.7 |
| #2 | 2857.2 | 44301. | 4231.8 | 76.936 | 2610.5 |

Sample Name: J1011-01  
Method: P4-ICP2(v1897)  
User: JASWAL/BINHE  
Comment:

Acquired: 1/4/2018 14:45:10      Type: Unk  
Mode: CONC      Corr. Factor: 1.000000  
Custom ID1: HR-06-010318 Custom ID2:  
Custom ID3:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08911 | .01137 | 1.4681 | .11329 | .00949 | 209.37 | 1.0694 | .00673 |
| Stddev | .00070 | .00171 | .0022  | .00133 | .00165 | 1.61   | .0008  | .00020 |
| %RSD   | .78910 | 15.009 | .15070 | 1.1722 | 17.380 | .76801 | .07281 | 2.9624 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08961 | .01016 | 1.4665 | .11235 | .00833 | 208.23 | 1.0700 | .00659 |
| #2 | .08862 | .01257 | 1.4697 | .11423 | .01066 | 210.50 | 1.0689 | .00687 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00583 | 166.71 | .25287 | .13175 | .69376 | 345.41 | 5.7772 | 53.266 |
| Stddev | .00001 | .14    | .00252 | .00073 | .00263 | .13    | .0443  | .131   |
| %RSD   | .23478 | .08189 | .99847 | .55461 | .37842 | .03869 | .76676 | .24532 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00584 | 166.81 | .25108 | .13124 | .69190 | 345.31 | 5.7458 | 53.358 |
| #2 | -.00582 | 166.61 | .25465 | .13227 | .69561 | 345.50 | 5.8085 | 53.174 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .26087 | .02634 | 3.5190 | .44400 | 1.7290 | 9.3240 | .00359 | .63760 |
| Stddev | .00038 | .00010 | .0032  | .00235 | .0122  | .0119  | .00007 | .00312 |
| %RSD   | .14594 | .38978 | .03717 | .52817 | .70401 | .12768 | 1.9134 | .48920 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26060 | .02627 | 8.5168 | .44234 | 1.7204 | 9.3156 | .00364 | .63540 |
| #2 | .26113 | .02641 | 8.5212 | .44566 | 1.7376 | 9.3324 | .00354 | .63981 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 5.2632 | 3.6271 | .04913 | 2.6556 | .18984 | 10.17  | .54304 | F108.71 |
| Stddev | .0148  | .0928  | .00058 | .0051  | .00179 | .01    | .00069 | .66     |
| %RSD   | .28102 | 1.0759 | 1.1736 | .19367 | .94047 | .0912  | .12747 | .60987  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 5.2737 | 8.5615 | .04954 | 2.6519 | .18858 | 10.16 | .54255 | 108.24 |
| #2 | 5.2528 | 8.6928 | .04873 | 2.6592 | .19110 | 10.18 | .54352 | 109.18 |

Sample Name: J1011-01      Acquired: 1/4/2018 14:45:10      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 339.94 |
| Stddev | 2.88                |
| %RSD   | .45018              |

|    |        |
|----|--------|
| #1 | 637.90 |
| #2 | 641.97 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2865.8  | 44026.  | 4494.5  | 30.409 | 2635.8 |
| Stddev    | .7      | 187.    | 3.3     | .486   | 1.9    |
| %RSD      | .02495  | .42551  | .07342  | .60452 | .07050 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2865.2 | 44158. | 4492.2 | 80.753 | 2634.5 |
| #2 | 2866.3 | 43893. | 4496.8 | 80.065 | 2637.1 |

|                        |        |                             |        |                        |        |             |        |         |
|------------------------|--------|-----------------------------|--------|------------------------|--------|-------------|--------|---------|
| Sample Name: CCV04     |        | Acquired: 1/4/2018 14:49:16 |        | Type: Unk              |        |             |        |         |
| Method: P4-ICP2(v1897) |        | Mode: CONC                  |        | Corr. Factor: 1.000000 |        |             |        |         |
| User: JASWAL/BINHE     |        | Custom ID1: CCV12319        |        | Custom ID2:            |        | Custom ID3: |        |         |
| Comment:               |        |                             |        |                        |        |             |        |         |
| Elem                   | As1890 | Tl1908                      | Pb2203 | Se1960                 | Sb2068 | Al3961      | Ba4934 | Be2348  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 5.0890 | 4.9655                      | 4.9385 | 5.0863                 | 5.1081 | 10.100      | 10.135 | .25265  |
| Stddev                 | .0954  | .1057                       | .1006  | .1118                  | .0909  | .034        | .025   | .00160  |
| %RSD                   | 1.8739 | 2.1282                      | 2.0360 | 2.1980                 | 1.7799 | .33758      | .24601 | .63225  |
| #1                     | 5.1565 | 5.0402                      | 5.0096 | 5.1654                 | 5.1724 | 10.076      | 10.153 | .25152  |
| #2                     | 5.0216 | 4.8908                      | 4.8674 | 5.0073                 | 5.0438 | 10.124      | 10.117 | .25378  |
| Elem                   | Cd2265 | Ca3736                      | Cr2677 | Co2286                 | Cu2247 | Fe2404      | Mn2576 | Mg2790  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 2.4591 | 25.212                      | .98937 | 2.4801                 | 1.2757 | 5.0053      | 2.5357 | 25.054  |
| Stddev                 | .0529  | .047                        | .00728 | .0495                  | .0214  | .0737       | .0147  | .015    |
| %RSD                   | 2.1525 | .18697                      | .73593 | 1.9947                 | 1.6774 | 1.4717      | .57945 | .06027  |
| #1                     | 2.4966 | 25.246                      | .98422 | 2.5150                 | 1.2908 | 4.9532      | 2.5253 | 25.065  |
| #2                     | 2.4217 | 25.179                      | .99452 | 2.4451                 | 1.2605 | 5.0573      | 2.5461 | 25.044  |
| Elem                   | Ni2316 | Ag3280                      | Na5895 | V_2924                 | Zn2138 | K_7664      | Mo2020 | B_2496  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 2.4810 | 1.2487                      | 25.049 | 2.5070                 | 2.5737 | 25.587      | 5.1424 | 5.0932  |
| Stddev                 | .0549  | .0101                       | .084   | .0141                  | .0355  | .013        | .0987  | .0002   |
| %RSD                   | 2.2129 | .81314                      | .33728 | .56361                 | 1.3797 | .05032      | 1.9185 | .00305  |
| #1                     | 2.5198 | 1.2416                      | 25.109 | 2.4970                 | 2.5486 | 25.578      | 5.2122 | 5.0930  |
| #2                     | 2.4421 | 1.2559                      | 24.989 | 2.5170                 | 2.5988 | 25.597      | 5.0726 | 5.0933  |
| Elem                   | S_1820 | Si2881                      | Sn1899 | Ti3361                 | Li6707 | P_1774      | Sr4077 | U_3670  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 4.9662 | 5.1606                      | 4.9659 | 5.0044                 | 5.0938 | 5.060       | 5.0192 | F2.0365 |
| Stddev                 | .1113  | .0252                       | .1020  | .0105                  | .0124  | .116        | .0060  | .4036   |
| %RSD                   | 2.2401 | .48811                      | 2.0548 | .21069                 | .24247 | 2.295       | .11941 | 19.820  |
| #1                     | 5.0448 | 5.1428                      | 5.0381 | 5.0118                 | 5.1026 | 5.142       | 5.0234 | 2.3219  |
| #2                     | 4.8875 | 5.1784                      | 4.8938 | 4.9969                 | 5.0851 | 4.978       | 5.0149 | 1.7511  |

Sample Name: CCV04      Acquired: 1/4/2018 14:49:16      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12319      Custom ID2:      Custom ID3:  
 Comment:

|        |          |
|--------|----------|
| Elem   | U_3859   |
| Units  | ppm      |
| Avg    | F 3.3636 |
| Stddev | 5.0449   |
| %RSD   | 149.98   |

|    |         |
|----|---------|
| #1 | -.20364 |
| #2 | 6.9309  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2552.6  | 39121.  | 3762.4  | 34.765 | 2833.9 |
| Stddev    | 47.6    | 27.     | 7.7     | 1.220  | 57.3   |
| %RSD      | 1.8632  | .06943  | .20566  | 1.4392 | 2.0215 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2519.0 | 39140. | 3756.9 | 85.628 | 2793.4 |
| #2 | 2586.3 | 39102. | 3767.9 | 83.903 | 2874.4 |



Sample Name: LLCCV02      Acquired: 1/4/2018 14:56:43      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB6411      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .01597 | .03597 | .01337 | .02001 | .04782 | .11874 | .09809 | .00567   |
| Stddev | .00034 | .00087 | .00026 | .00163 | .00213 | .00792 | .00112 | .00021   |
| %RSD   | 2.1287 | 2.4226 | 1.9316 | 8.1642 | 4.4485 | 6.6742 | 1.1384 | 3.7578   |
| #1     | .01573 | .03535 | .01355 | .02117 | .04933 | .12434 | .09730 | .00551   |
| #2     | .01621 | .03659 | .01319 | .01886 | .04632 | .11313 | .09888 | .00582   |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00543 | 1.9827 | .00869 | .02754 | .02037 | .11276 | .02045 | 1.9720   |
| Stddev | .00006 | .0204  | .00063 | .00020 | .00013 | .00634 | .00073 | .0361    |
| %RSD   | 1.0858 | 1.0297 | 7.2682 | .71961 | .65522 | 5.6257 | 3.5947 | 1.8321   |
| #1     | .00547 | 1.9682 | .00824 | .02740 | .02027 | .10828 | .01993 | 1.9464   |
| #2     | .00539 | 1.9971 | .00914 | .02768 | .02046 | .11725 | .02096 | 1.9975   |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .03707 | .00976 | 1.8527 | .03801 | .05169 | 1.9835 | .19850 | .09436   |
| Stddev | .00006 | .00007 | .0290  | .00080 | .00181 | .0312  | .00012 | .00685   |
| %RSD   | .15441 | .71572 | 1.5674 | 2.1031 | 3.5080 | 1.5714 | .05943 | 7.2599   |
| #1     | .03703 | .00981 | 1.8322 | .03744 | .05041 | 1.9615 | .19858 | .08951   |
| #2     | .03711 | .00971 | 1.8732 | .03857 | .05298 | 2.0056 | .19842 | .09920   |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .01952 | .41252 | .03775 | .04171 | .01520 | .0195  | .02046 | F .58590 |
| Stddev | .00337 | .04825 | .00057 | .00250 | .00014 | .0005  | .00013 | .18829   |
| %RSD   | 17.278 | 11.697 | 1.5025 | 6.0023 | .91006 | 2.548  | .63541 | 32.137   |
| #1     | .02190 | .37840 | .03735 | .03994 | .01530 | .0192  | .02036 | .71904   |
| #2     | .01713 | .44665 | .03815 | .04348 | .01510 | .0199  | .02055 | .45275   |

Sample Name: LLCCV02      Acquired: 1/4/2018 14:56:43      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB6411      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F.70634  
Stddev      5.1658  
%RSD      731.35

#1      4.3591  
#2      -2.9464

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2670.7  | 41395.  | 3743.6  | 37.709 | 3141.0 |
| Stddev    | 3.7     | 1065.   | 34.4    | 2.803  | 7.9    |
| %RSD      | .13861  | 2.5726  | .91956  | 3.1955 | .25148 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2673.3 | 42148. | 3767.9 | 89.691 | 3146.6 |
| #2 | 2668.1 | 40642. | 3719.2 | 85.727 | 3135.4 |

Sample Name: CCB04      Acquired: 1/4/2018 15:00:49      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12319      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00116 | .00153 | .00009 | .00157 | .00160 | .01214 | .00067 | .00003 |
| Stddev | .00163 | .00111 | .00040 | .00139 | .00215 | .00060 | .00062 | .00002 |
| %RSD   | 141.09 | 72.624 | 435.86 | 88.633 | 134.46 | 4.9618 | 92.410 | 68.287 |

|    |         |         |         |        |        |         |        |        |
|----|---------|---------|---------|--------|--------|---------|--------|--------|
| #1 | .00000  | -.00232 | -.00037 | .00255 | .00311 | -.01172 | .00023 | .00002 |
| #2 | -.00231 | -.00075 | .00019  | .00059 | .00008 | -.01257 | .00111 | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00927 | .00056 | .00004 | .00037 | .01153 | .00005 | .03559 |
| Stddev | .00003 | .00170 | .00036 | .00015 | .00078 | .00541 | .00004 | .00076 |
| %RSD   | 78.241 | 18.294 | 64.697 | 416.96 | 212.41 | 46.918 | 84.666 | 2.1412 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00006 | .00807 | -.00030 | -.00014 | .00092  | .01535 | -.00008 | -.03505 |
| #2 | -.00002 | .01047 | -.00081 | .00007  | -.00018 | .00770 | -.00002 | -.03613 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00035 | .00011 | .10486 | .00046 | .00044 | .00366 | .00112 | .00617 |
| Stddev | .00036 | .00067 | .00169 | .00009 | .00002 | .00013 | .00039 | .00701 |
| %RSD   | 103.27 | 621.53 | 1.6103 | 19.098 | 4.1392 | 3.4177 | 34.661 | 113.59 |

|    |         |         |         |        |         |         |         |         |
|----|---------|---------|---------|--------|---------|---------|---------|---------|
| #1 | -.00009 | .00036  | -.10367 | .00052 | -.00045 | -.00375 | -.00140 | -.00122 |
| #2 | -.00060 | -.00058 | -.10606 | .00040 | -.00042 | -.00357 | -.00085 | -.01113 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00192 | .02676 | .00103 | .00346 | .00416 | .0024  | .00006 | F_23065 |
| Stddev | .00209 | .01814 | .00045 | .00108 | .00015 | .0003  | .00001 | .50584  |
| %RSD   | 108.87 | 67.799 | 44.197 | 31.190 | 3.5693 | 14.20  | 9.6350 | 219.31  |

|    |         |        |         |        |         |       |        |         |
|----|---------|--------|---------|--------|---------|-------|--------|---------|
| #1 | -.00044 | .03959 | -.00135 | .00422 | -.00426 | .0021 | .00005 | -.12703 |
| #2 | -.00339 | .01393 | -.00071 | .00269 | -.00405 | .0026 | .00006 | .58833  |

Sample Name: CCB04      Acquired: 1/4/2018 15:00:49      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12319      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F.80945 |
| Stddev | 2.8992  |
| %RSD   | 358.16  |

|    |         |
|----|---------|
| #1 | 2.8595  |
| #2 | -1.2406 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2653.4  | 40898.  | 3760.0  | 34.864 | 3131.3 |
| Stddev    | 8.6     | 53.     | 27.4    | .456   | 13.6   |
| %RSD      | .32452  | .12878  | .72811  | .53781 | .43493 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2659.5 | 40860. | 3740.6 | 85.186 | 3141.0 |
| #2 | 2647.3 | 40935. | 3779.3 | 84.541 | 3121.7 |

Sample Name: J1011-01DUP      Acquired: 1/4/2018 15:04:57      Type: Unk

Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000

User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:

Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08613 | .00894 | 1.4519 | .10946 | .00919 | 208.10 | 1.0594 | .00668 |
| Stddev | .00371 | .00140 | .0016  | .01793 | .00138 | 2.78   | .0446  | .00019 |
| %RSD   | 4.3102 | 15.600 | .10853 | 16.383 | 14.985 | 1.3368 | 4.2135 | 2.7998 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08350 | .00796 | 1.4508 | .09678 | .00822 | 206.13 | 1.0278 | .00681 |
| #2 | .08875 | .00993 | 1.4530 | .12214 | .01017 | 210.07 | 1.0910 | .00655 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00582 | 165.27 | .25224 | .13119 | .68894 | 339.51 | 5.7557 | 52.657 |
| Stddev | .00313 | 7.19   | .00172 | .00151 | .00856 | 27.45  | .0232  | 2.206  |
| %RSD   | 53.723 | 4.3513 | .68250 | 1.1535 | 1.2428 | 8.0859 | .40279 | 4.1901 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00361 | 160.18 | .25103 | .13226 | .69499 | 320.10 | 5.7393 | 51.097 |
| #2 | -.00803 | 170.35 | .25346 | .13012 | .68289 | 358.93 | 5.7721 | 54.217 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .25921 | .02559 | 3.4549 | .44119 | 1.7069 | 3.1595 | .00352 | .63239 |
| Stddev | .00271 | .00244 | .3499  | .00266 | .1195  | .3881  | .00003 | .04817 |
| %RSD   | 1.0442 | 9.5308 | 4.1388 | .60256 | 6.9977 | 4.2368 | .74206 | 7.6168 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26112 | .02387 | 8.2075 | .43931 | 1.6225 | 8.8851 | .00350 | .59833 |
| #2 | .25729 | .02732 | 8.7024 | .44307 | 1.7914 | 9.4339 | .00353 | .66645 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 5.2146 | 3.3381 | .04818 | 2.6135 | .18924 | 10.05  | .53808 | F108.08 |
| Stddev | .0336  | .2846  | .00033 | .0992  | .00899 | .07    | .02232 | .18     |
| %RSD   | .64475 | 3.4129 | .68653 | 3.7939 | 4.7502 | .6638  | 4.1480 | .17071  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 5.2384 | 8.1369 | .04794 | 2.5434 | .18288 | 10.10 | .52230 | 108.21 |
| #2 | 5.1908 | 8.5393 | .04841 | 2.6837 | .19559 | 10.00 | .55386 | 107.95 |

Sample Name: J1011-01DUP      Acquired: 1/4/2018 15:04:57      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
 Comment:

|        |                    |
|--------|--------------------|
| Elem   | U_3859             |
| Units  | ppm                |
| Avg    | <del>F</del> 51.01 |
| Stddev | 4.34               |
| %RSD   | .66677             |

|    |        |
|----|--------|
| #1 | 647.95 |
| #2 | 654.08 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2898.9  | 44319.  | 4531.2  | 31.849 | 2679.7 |
| Stddev    | 18.7    | 107.    | 161.3   | 5.695  | 19.8   |
| %RSD      | .64639  | .24068  | 3.5595  | 6.9575 | .73848 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2885.7 | 44394. | 4645.2 | 85.876 | 2665.7 |
| #2 | 2912.2 | 44244. | 4417.1 | 77.822 | 2693.7 |

Sample Name: J1011-01LX5      Acquired: 1/4/2018 15:09:03      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01864 | .00072 | .29522 | .02195 | .00052 | 45.375 | .25015 | .00144 |
| Stddev | .00278 | .00153 | .00048 | .00155 | .00101 | .058   | .00117 | .00001 |
| %RSD   | 14.909 | 214.27 | .16246 | 7.0718 | 193.38 | .12870 | .46894 | .47339 |

|    |        |         |        |        |         |        |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|--------|
| #1 | .02061 | .00180  | .29556 | .02085 | .00124  | 45.334 | .25098 | .00144 |
| #2 | .01668 | -.00037 | .29488 | .02305 | -.00019 | 45.417 | .24932 | .00143 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00171 | 38.624 | .05885 | .02565 | .16396 | 38.425 | 1.3606 | 12.311 |
| Stddev | .00007 | .066   | .00069 | .00008 | .00112 | .563   | .0032  | .114   |
| %RSD   | 4.1558 | .17139 | 1.1726 | .31000 | .68509 | .82243 | .23707 | .92807 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00166 | 38.577 | .05837 | .02570 | .16476 | 68.027 | 1.3583 | 12.230 |
| #2 | -.00176 | 38.670 | .05934 | .02559 | .16317 | 68.823 | 1.3628 | 12.392 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05212 | .00479 | 1.8529 | .10027 | .35080 | 2.1025 | .00009 | .13390 |
| Stddev | .00031 | .00025 | .0063  | .00043 | .00293 | .0027  | .00015 | .00142 |
| %RSD   | .59307 | 5.3244 | .33931 | .42695 | .83593 | .12925 | 169.79 | 1.0617 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .05234 | .00461 | 1.8484 | .10058 | .34872 | 2.1044 | .00002  | .13290 |
| #2 | .05190 | .00497 | 1.8573 | .09997 | .35287 | 2.1006 | -.00020 | .13491 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0030 | 1.9846 | .00950 | .62360 | .03957 | 1.950  | .12829 | 22.958 |
| Stddev | .0070  | .0522  | .00123 | .00650 | .00015 | .013   | .00016 | .445   |
| %RSD   | .70270 | 2.6317 | 12.923 | 1.0423 | .38467 | .6708  | .12275 | 1.9398 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 1.0079 | 2.0216 | .00863 | .61900 | .03968 | 1.959 | .12841 | 23.273 |
| #2 | .99798 | 1.9477 | .01037 | .62819 | .03946 | 1.941 | .12818 | 22.643 |

Sample Name: J1011-01LX5      Acquired: 1/4/2018 15:09:03      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 96.319 |
| Stddev | .711                |
| %RSD   | .73838              |

|    |        |
|----|--------|
| #1 | 95.816 |
| #2 | 96.822 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2679.9  | 41022.  | 3932.7  | 34.738 | 2966.8 |
| Stddev    | 26.7    | 30.     | 9.9     | .551   | 23.8   |
| %RSD      | .99569  | .07207  | .25059  | .64989 | .80239 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2661.0 | 41001. | 3939.7 | 85.128 | 2950.0 |
| #2 | 2698.8 | 41043. | 3925.7 | 84.349 | 2983.6 |



Sample Name: J1011-01MS      Acquired: 1/4/2018 15:13:07      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .81021 | 2.0012 | 2.4685 | 1.8137 | .13266 | 213.94 | 1.2260 | .19161 |
| Stddev | .00021 | .0209  | .0320  | .0256  | .00070 | 1.17   | .0066  | .00205 |
| %RSD   | .02536 | 1.0438 | 1.2950 | 1.4110 | .52793 | .54671 | .54251 | 1.0694 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81035 | 2.0160 | 2.4911 | 1.8318 | .13216 | 213.11 | 1.2213 | .19016 |
| #2 | .81006 | 1.9864 | 2.4459 | 1.7956 | .13315 | 214.77 | 1.2307 | .19306 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20042 | 128.53 | .58243 | .33882 | .94314 | 332.95 | 5.3631 | 55.482 |
| Stddev | .00246 | .49    | .00837 | .00355 | .00741 | 3.08   | .1184  | .115   |
| %RSD   | 1.2265 | .38407 | 1.4369 | 1.0471 | .78523 | .92360 | 2.2070 | .20783 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20216 | 128.18 | .57651 | .34133 | .94838 | 335.12 | 5.2794 | 55.400 |
| #2 | .19868 | 128.88 | .58834 | .33631 | .93791 | 330.78 | 5.4468 | 55.564 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78120 | .09096 | 10.940 | .68702 | 1.7858 | 19.263 | .33800 | .76947 |
| Stddev | .01049 | .00003 | .041   | .00403 | .0154  | .091   | .00203 | .00060 |
| %RSD   | 1.3428 | .03845 | .37448 | .58697 | .86448 | .47032 | .60162 | .07817 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78862 | .09094 | 10.911 | .68417 | 1.7967 | 19.199 | .33944 | .76904 |
| #2 | .77378 | .09098 | 10.969 | .68987 | 1.7749 | 19.327 | .33657 | .76989 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.4717 | 9.6744 | .67946 | 3.0080 | .38886 | 17.22  | .66650 | F 99.361 |
| Stddev | .0632  | .0461  | .00738 | .0031  | .00149 | .16    | .00078 | .924     |
| %RSD   | 1.4134 | .47679 | 1.0868 | .10421 | .38364 | .9494  | .11701 | .92969   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.5164 | 9.6418 | .68469 | 3.0057 | .38780 | 17.34 | .66595 | 98.708 |
| #2 | 4.4270 | 9.7070 | .67424 | 3.0102 | .38991 | 17.11 | .66705 | 100.01 |

Sample Name: J1011-01MS      Acquired: 1/4/2018 15:13:07      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
 Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 366.46 |
| Stddev | .98                 |
| %RSD   | .14774              |

|    |        |
|----|--------|
| #1 | 665.76 |
| #2 | 667.15 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2866.0  | 44895.  | 4426.1  | 33.637 | 2652.0 |
| Stddev    | 21.2    | 270.    | 17.9    | .612   | 22.7   |
| %RSD      | .73840  | .60185  | .40384  | .73172 | .85717 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2851.1 | 45086. | 4438.8 | 83.205 | 2635.9 |
| #2 | 2881.0 | 44704. | 4413.5 | 84.070 | 2668.1 |

Sample Name: J1011-01MSD      Acquired: 1/4/2018 15:17:09      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .79497 | 1.9707 | 2.4262 | 1.7931 | .13311 | 209.87 | 1.2153 | .18727   |
| Stddev | .00047 | .0110  | .0134  | .0070  | .00485 | 9.96   | .0008  | .01031   |
| %RSD   | .05897 | .55583 | .55073 | .38825 | 3.6451 | 4.7445 | .06157 | 5.5053   |
| #1     | .79464 | 1.9784 | 2.4356 | 1.7980 | .12968 | 216.91 | 1.2148 | .19456   |
| #2     | .79530 | 1.9629 | 2.4167 | 1.7882 | .13654 | 202.83 | 1.2158 | .17998   |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .19587 | 127.60 | .57090 | .33277 | .92129 | 340.06 | 5.3416 | 55.366   |
| Stddev | .00103 | .59    | .03158 | .00178 | .00397 | 3.80   | .2032  | .483     |
| %RSD   | .52342 | .46221 | 5.5317 | .53396 | .43140 | 1.1175 | 3.8034 | .87233   |
| #1     | .19660 | 127.18 | .59323 | .33403 | .92410 | 342.75 | 5.4852 | 55.025   |
| #2     | .19515 | 128.02 | .54857 | .33151 | .91848 | 337.38 | 5.1979 | 55.708   |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .76829 | .09094 | 10.843 | .67378 | 1.8314 | 19.097 | .33304 | .77262   |
| Stddev | .00754 | .00322 | .023   | .03826 | .0282  | .052   | .00128 | .00724   |
| %RSD   | .98166 | 3.5447 | .21534 | 5.6778 | 1.5403 | .27328 | .38458 | .93700   |
| #1     | .77363 | .09322 | 10.826 | .70083 | 1.8513 | 19.060 | .33395 | .77774   |
| #2     | .76296 | .08866 | 10.859 | .64673 | 1.8114 | 19.134 | .33214 | .76750   |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 4.3911 | 9.5193 | .66842 | 3.0001 | .38801 | 16.90  | .66335 | F 38.822 |
| Stddev | .0044  | .0922  | .00428 | .0149  | .00117 | .10    | .00090 | 1.167    |
| %RSD   | .09921 | .96888 | .64094 | .49718 | .30217 | .5890  | .13619 | 1.1812   |
| #1     | 4.3942 | 9.5845 | .67145 | 2.9895 | .38718 | 16.97  | .66271 | 99.648   |
| #2     | 4.3880 | 9.4541 | .66539 | 3.0106 | .38884 | 16.83  | .66399 | 97.997   |

Sample Name: J1011-01MSD      Acquired: 1/4/2018 15:17:09      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 359.62  
Stddev      1.49  
%RSD      .22570

#1      660.68  
#2      658.57

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2912.4  | 45738.  | 4451.3  | 31.462 | 2696.6 |
| Stddev    | 16.8    | 2237.   | 5.7     | 1.271  | 20.2   |
| %RSD      | .57684  | 4.8898  | .12804  | 1.5596 | .74908 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2900.5 | 44157. | 4455.3 | 80.564 | 2682.3 |
| #2 | 2924.3 | 47320. | 4447.3 | 82.361 | 2710.8 |

Sample Name: J1011-01A      Acquired: 1/4/2018 15:25:16      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA6413      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75832 | 1.8528 | 2.3637 | 1.7663 | .68675 | 205.71 | 1.2320 | .18013 |
| Stddev | .00003 | .0043  | .0092  | .0094  | .00007 | .83    | .0047  | .00065 |
| %RSD   | .00446 | .23413 | .38991 | .53364 | .00995 | .40134 | .37834 | .35932 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75830 | 1.8558 | 2.3702 | 1.7730 | .68670 | 206.30 | 1.2353 | .18059 |
| #2 | .75835 | 1.8497 | 2.3571 | 1.7597 | .68680 | 205.13 | 1.2287 | .17968 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18370 | 163.00 | .56613 | .32068 | .92048 | 326.73 | 5.7388 | 53.557 |
| Stddev | .00120 | .90    | .00125 | .00012 | .00362 | 9.75   | .0299  | .032   |
| %RSD   | .65327 | .55330 | .22007 | .03758 | .39288 | 2.9827 | .52025 | .06030 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18454 | 163.64 | .56525 | .32076 | .92303 | 319.84 | 5.7599 | 53.580 |
| #2 | .18285 | 162.36 | .56701 | .32059 | .91792 | 333.62 | 5.7176 | 53.534 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73098 | .08636 | 10.953 | .68221 | 1.8041 | 17.861 | .34453 | .88504 |
| Stddev | .00136 | .00078 | .060   | .00044 | .0423  | .096   | .00086 | .00167 |
| %RSD   | .18537 | .90722 | .55117 | .06472 | 2.3429 | .53966 | .24889 | .18852 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73194 | .08580 | 10.995 | .68190 | 1.7742 | 17.929 | .34514 | .88622 |
| #2 | .73002 | .08691 | 10.910 | .68252 | 1.8340 | 17.793 | .34393 | .88386 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 5.2138 | 9.3281 | .71570 | 2.7870 | .36165 | 16.36  | .71227 | F105.88 |
| Stddev | .0001  | .0170  | .00144 | .0150  | .00331 | .05    | .00328 | .98     |
| %RSD   | .00289 | .18205 | .20074 | .53640 | .91516 | .2951  | .46089 | .92492  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 5.2140 | 9.3161 | .71672 | 2.7975 | .36399 | 16.40 | .71460 | 105.19 |
| #2 | 5.2137 | 9.3401 | .71469 | 2.7764 | .35931 | 16.33 | .70995 | 106.57 |

Sample Name: J1011-01A      Acquired: 1/4/2018 15:25:16      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA6413      Custom ID2:      Custom ID3:  
 Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 370.50 |
| Stddev | .98                 |
| %RSD   | .14616              |

|    |        |
|----|--------|
| #1 | 669.81 |
| #2 | 671.20 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2884.8  | 44405.  | 4462.6  | 33.692 | 2662.5 |
| Stddev    | 6.1     | 310.    | 53.7    | 1.844  | 6.9    |
| %RSD      | .21288  | .69805  | 1.2038  | 2.2028 | .25864 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2880.5 | 44186. | 4424.7 | 84.995 | 2657.7 |
| #2 | 2889.1 | 44624. | 4500.6 | 82.388 | 2667.4 |

Sample Name: J1011-03  
Method: P4-ICP2(v1897)  
User: JASWAL/BINHE  
Comment:

Acquired: 1/4/2018 15:29:19  
Mode: CONC  
Custom ID1: HR-06-010318

Type: Unk  
Corr. Factor: 1.000000  
Custom ID2:  
Custom ID3:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03365 | .00162 | .29274 | .08651 | .00486 | 35.428 | .41610 | .00221 |
| Stddev | .00037 | .00171 | .00180 | .00530 | .00074 | .295   | .00113 | .00002 |
| %RSD   | 1.1126 | 105.78 | .61417 | 6.1268 | 15.174 | .34510 | .27086 | 1.1138 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03339 | .00041 | .29147 | .08276 | .00434 | 85.220 | .41690 | .00219 |
| #2 | .03392 | .00283 | .29401 | .09026 | .00539 | 85.637 | .41531 | .00223 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00705 | 59.786 | .11221 | .09024 | .27761 | 241.69 | 2.6453 | 46.674 |
| Stddev | .00000 | .056   | .00022 | .00030 | .00013 | .54    | .0013  | .092   |
| %RSD   | .02163 | .08000 | .19192 | .33281 | .04546 | .22527 | .04904 | .19643 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00705 | 69.825 | .11236 | .09045 | .27752 | 241.30 | 2.6462 | 46.739 |
| #2 | -.00706 | 69.746 | .11206 | .09003 | .27770 | 242.07 | 2.6444 | 46.609 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17548 | .01837 | 3.0830 | .28343 | .58688 | 14.667 | .00247 | .50971 |
| Stddev | .00096 | .00055 | .0157  | .00014 | .00252 | .002   | .00001 | .00784 |
| %RSD   | .54778 | 3.0134 | .19366 | .04998 | .43014 | .01428 | .20906 | 1.5388 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17480 | .01876 | 8.0940 | .28353 | .58510 | 14.669 | .00247 | .50416 |
| #2 | .17616 | .01798 | 8.0719 | .28333 | .58867 | 14.666 | .00247 | .51525 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 9.2548 | 1.7231 | .03163 | 4.3740 | .10501 | 13.24  | .17201 | 72.962 |
| Stddev | .0424  | .0143  | .00068 | .0006  | .00010 | .04    | .00027 | .656   |
| %RSD   | .45807 | .82676 | 2.1536 | .01293 | .09536 | .2658  | .15691 | .89943 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 9.2249 | 1.7332 | .03211 | 4.3744 | .10494 | 13.21 | .17220 | 72.498 |
| #2 | 9.2848 | 1.7130 | .03115 | 4.3736 | .10508 | 13.26 | .17182 | 73.426 |

Sample Name: J1011-03      Acquired: 1/4/2018 15:29:19      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 141.89  
Stddev      2.58  
%RSD      .58484

#1      440.07  
#2      443.72

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3522.3  | 54695.  | 5421.1  | 32.654 | 2752.6 |
| Stddev    | 10.2    | 122.    | 29.2    | .012   | 1.4    |
| %RSD      | .28934  | .22393  | .53821  | .01411 | .05186 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3515.1 | 54608. | 5400.5 | 82.662 | 2751.6 |
| #2 | 3529.5 | 54781. | 5441.8 | 82.645 | 2753.6 |



Sample Name: J1011-05  
Method: P4-ICP2(v1897)  
User: JASWAL/BINHE  
Comment:

Acquired: 1/4/2018 15:33:17  
Mode: CONC  
Custom ID1: HR-06-010318

Type: Unk  
Corr. Factor: 1.000000  
Custom ID2:  
Custom ID3:

|        |        |        |        |        |        |         |        |        |
|--------|--------|--------|--------|--------|--------|---------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | .03671 | .00531 | .89419 | .07705 | .00583 | .98.213 | .42313 | .00295 |
| Stddev | .00332 | .00058 | .00843 | .00045 | .00072 | 1.595   | .00055 | .00007 |
| %RSD   | 9.0479 | 10.915 | .94284 | .58580 | 12.391 | 1.6237  | .13084 | 2.3100 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03436 | .00490 | .88823 | .07737 | .00634 | 97.086 | .42274 | .00290 |
| #2 | .03906 | .00572 | .90015 | .07673 | .00532 | 99.341 | .42353 | .00300 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00511 | 75.224 | .13718 | .07859 | .35590 | 225.37 | 2.8551 | 41.242 |
| Stddev | .00004 | .258   | .00210 | .00036 | .00391 | .63    | .0532  | .138   |
| %RSD   | .73845 | .34277 | 1.5335 | .46132 | 1.0994 | .27898 | 1.8619 | .33400 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00513 | 75.407 | .13569 | .07833 | .35313 | 224.92 | 2.8175 | 41.144 |
| #2 | -.00508 | 75.042 | .13866 | .07884 | .35867 | 225.81 | 2.8927 | 41.339 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .15313 | .01759 | 5.7865 | .27141 | .82315 | 3.8565 | .00357 | .41269 |
| Stddev | .00147 | .00016 | .0086  | .00414 | .00246 | .0484  | .00044 | .00134 |
| %RSD   | .95920 | .90399 | .14832 | 1.5270 | .29830 | .70634 | 12.183 | .32449 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15209 | .01770 | 5.7804 | .26848 | .82142 | 6.8907 | .00388 | .41174 |
| #2 | .15416 | .01747 | 5.7926 | .27434 | .82489 | 6.8222 | .00326 | .41364 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.8377 | 4.4778 | .02105 | 2.9262 | .09644 | 4.610  | .34208 | 36.263 |
| Stddev | .0368  | .1130  | .00026 | .0073  | .00021 | .026   | .00159 | .872   |
| %RSD   | .95929 | 2.5243 | 1.2190 | .24847 | .22081 | .5649  | .46486 | 1.3165 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 3.8116 | 4.5577 | .02123 | 2.9211 | .09629 | 4.592 | .34320 | 66.880 |
| #2 | 3.8637 | 4.3979 | .02087 | 2.9313 | .09659 | 4.629 | .34095 | 65.646 |

Sample Name: J1011-05      Acquired: 1/4/2018 15:33:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      F 397.69  
 Stddev      2.09  
 %RSD      .52604

#1      396.21  
 #2      399.17

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2852.7  | 44648.  | 4342.3  | 33.013 | 2803.5 |
| Stddev    | 14.3    | 621.    | 16.8    | .083   | 10.0   |
| %RSD      | .49971  | 1.3910  | .38608  | .10000 | .35720 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2862.8 | 45087. | 4330.4 | 83.072 | 2810.6 |
| #2 | 2842.6 | 44209. | 4354.1 | 82.955 | 2796.4 |

Sample Name: J1011-07      Acquired: 1/4/2018 15:37:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-05-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |        |        |         |
|--------|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .06295 | .00017  | .70139 | .20089 | .00601 | 31.789 | .77233 | .00578  |
| Stddev | .00032 | .00170  | .00454 | .00179 | .00047 | .102   | .00065 | .00000  |
| %RSD   | .50749 | 1009.6  | .64732 | .89226 | 7.7696 | .11111 | .08461 | .05583  |
| #1     | .06317 | .00137  | .70460 | .20216 | .00568 | 91.861 | .77187 | .00578  |
| #2     | .06272 | -.00103 | .69818 | .19962 | .00634 | 91.717 | .77279 | .00578  |
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00228 | 34.419  | .16417 | .17889 | .21802 | 473.07 | 1.2473 | 28.907  |
| Stddev | .00085 | .097    | .00035 | .00012 | .00024 | 5.49   | .0040  | .140    |
| %RSD   | 37.246 | .15046  | .21600 | .06486 | .10827 | 1.1610 | .31898 | .48466  |
| #1     | .00168 | 64.351  | .16392 | .17897 | .21786 | 476.95 | 1.2501 | 28.808  |
| #2     | .00288 | 64.488  | .16443 | .17880 | .21819 | 469.19 | 1.2445 | 29.006  |
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .32446 | .04142  | 3.1458 | .27607 | 1.4779 | 19.683 | .01442 | .64235  |
| Stddev | .00018 | .00060  | .0190  | .00065 | .0143  | .039   | .00011 | .00745  |
| %RSD   | .05412 | 1.4515  | .23269 | .23517 | .97008 | .19709 | .78328 | 1.1595  |
| #1     | .32459 | .04184  | 8.1592 | .27653 | 1.4880 | 19.656 | .01450 | .64761  |
| #2     | .32434 | .04099  | 8.1324 | .27561 | 1.4678 | 19.711 | .01434 | .63708  |
| Elem   | S_1820 | Si2881  | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 3.2501 | 1.3536  | .04601 | 4.4148 | .11478 | 34.39  | .48388 | F156.76 |
| Stddev | .0078  | .0238   | .00047 | .0050  | .00093 | .05    | .00046 | 1.10    |
| %RSD   | .12459 | 1.7570  | 1.0152 | .11329 | .80784 | .0794  | .09530 | .70260  |
| #1     | 6.2446 | 1.3704  | .04634 | 4.4183 | .11413 | 64.35  | .48421 | 155.99  |
| #2     | 6.2556 | 1.3368  | .04568 | 4.4112 | .11544 | 64.42  | .48355 | 157.54  |

Sample Name: J1011-07      Acquired: 1/4/2018 15:37:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-05-010318      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F1102.3  
Stddev      6.4  
%RSD      .57948

#1      1106.8  
#2      1097.8

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3251.6  | 37623.  | 3813.7  | 32.027 | 2578.3 |
| Stddev    | 14.2    | 123.    | 32.3    | .942   | 4.8    |
| %RSD      | .22763  | .12559  | .32939  | 1.1482 | .18579 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 6241.5 | 97537. | 9836.6 | 81.361 | 2574.9 |
| #2 | 6261.7 | 97710. | 9790.9 | 82.693 | 2581.6 |

Sample Name: J1012-01      Acquired: 1/4/2018 15:41:12      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04626 | .00696 | .86739 | .06740 | .00557 | 125.47 | .95799 | .00460 |
| Stddev | .00143 | .00179 | .01140 | .00320 | .00205 | 1.19   | .06657 | .00016 |
| %RSD   | 3.0863 | 25.732 | 1.3141 | 4.7464 | 36.749 | .94629 | 6.9488 | 3.5835 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04726 | .00823 | .85933 | .06966 | .00702 | 126.31 | 1.0051 | .00448 |
| #2 | .04525 | .00569 | .87545 | .06513 | .00412 | 124.63 | .91092 | .00471 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00456 | 239.17 | .28094 | .11496 | .61318 | 242.95 | 3.9084 | 147.09 |
| Stddev | .00149 | 15.36  | .00094 | .00187 | .00992 | 11.24  | .0082  | 9.06   |
| %RSD   | 32.734 | 6.4207 | .33568 | 1.6256 | 1.6183 | 4.6246 | .20986 | 6.1569 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00561 | 250.03 | .28161 | .11364 | .60616 | 250.89 | 3.9026 | 153.49 |
| #2 | -.00350 | 228.31 | .28028 | .11628 | .62020 | 235.00 | 3.9142 | 140.68 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28909 | .01774 | 7.9413 | .36247 | 1.2531 | 21.839 | .00277 | .25816 |
| Stddev | .00329 | .00138 | .5160  | .00267 | .0367  | 1.326  | .00002 | .01133 |
| %RSD   | 1.1383 | 7.7833 | 6.4980 | .73789 | 2.9316 | 6.0741 | .85654 | 4.3876 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28676 | .01872 | 8.3062 | .36058 | 1.2791 | 22.777 | .00275 | .26617 |
| #2 | .29141 | .01676 | 7.5764 | .36436 | 1.2271 | 20.901 | .00278 | .25015 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 3.0086 | 4.3277 | .06463 | 5.3406 | .15294 | 3.212  | .46186 | F 37.946 |
| Stddev | .0471  | .2800  | .00044 | .3609  | .01151 | .068   | .03005 | 1.921    |
| %RSD   | .78462 | 6.4704 | .68642 | 6.7570 | 7.5282 | 1.094  | 6.5062 | 1.9613   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 5.9752 | 4.5257 | .06432 | 5.5958 | .16108 | 6.164 | .48311 | 99.304 |
| #2 | 6.0419 | 4.1297 | .06495 | 5.0854 | .14480 | 6.260 | .44061 | 96.587 |

Sample Name: J1012-01      Acquired: 1/4/2018 15:41:12      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

Elem      U\_3859  
Units      ppm  
Avg      F 139.44  
Stddev      .89  
%RSD      .20209

#1      440.07  
#2      438.81

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2755.3  | 43168.  | 4344.2  | 31.408 | 2603.8 |
| Stddev    | 17.4    | 11.     | 233.3   | 2.753  | 23.1   |
| %RSD      | .63023  | .02605  | 5.3708  | 3.3814 | .88869 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2767.6 | 43176. | 4179.2 | 79.462 | 2620.2 |
| #2 | 2743.0 | 43160. | 4509.2 | 83.355 | 2587.5 |

Sample Name: J1012-03      Acquired: 1/4/2018 15:45:06      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04600 | .00978 | .81565 | .09824 | .00696 | 181.84 | 1.0435 | .00546 |
| Stddev | .00286 | .00201 | .00124 | .00347 | .00184 | .62    | .0128  | .00014 |
| %RSD   | 6.2171 | 20.548 | .15234 | 3.5293 | 26.372 | .34318 | 1.2253 | 2.6294 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04802 | .01121 | .81477 | .09579 | .00826 | 182.28 | 1.0345 | .00556 |
| #2 | .04398 | .00836 | .81653 | .10069 | .00566 | 181.40 | 1.0526 | .00536 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00713 | 114.01 | .29286 | .15739 | .57389 | 295.72 | 3.8671 | 78.924 |
| Stddev | .00039 | 1.32   | .00359 | .00099 | .00290 | 1.32   | .0429  | 1.048  |
| %RSD   | 5.4662 | 1.1565 | 1.2257 | .62639 | .50559 | .44751 | 1.1092 | 1.3276 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00685 | 113.08 | .29540 | .15809 | .57183 | 294.79 | 3.8975 | 78.183 |
| #2 | -.00740 | 114.94 | .29032 | .15670 | .57594 | 296.66 | 3.8368 | 79.665 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .35126 | .02150 | 10.142 | .48681 | 1.1481 | 33.171 | .00603 | .35166 |
| Stddev | .00109 | .00016 | .097   | .00426 | .0020  | .247   | .00008 | .00362 |
| %RSD   | .31077 | .73018 | .95567 | .87417 | .17701 | .74380 | 1.3635 | 1.0301 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .35049 | .02139 | 10.074 | .48982 | 1.1467 | 32.996 | .00609 | .35422 |
| #2 | .35204 | .02161 | 10.211 | .48380 | 1.1496 | 33.345 | .00597 | .34910 |

|        |        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | 10.766 | 4.6711 | .04633 | 3.2902 | .20601 | 3.039  | .43228 | F 37.722 |
| Stddev | .017   | .0463  | .00100 | .0921  | .00180 | .003   | .00312 | .083     |
| %RSD   | .15501 | .99096 | 2.1650 | 1.1108 | .87308 | .0417  | .72291 | .08457   |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 10.778 | 4.7039 | .04562 | 8.2251 | .20473 | 8.041 | .43007 | 97.780 |
| #2 | 10.755 | 4.6384 | .04704 | 8.3553 | .20728 | 8.037 | .43449 | 97.663 |

Sample Name: J1012-03      Acquired: 1/4/2018 15:45:06      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |                     |
|--------|---------------------|
| Elem   | U_3859              |
| Units  | ppm                 |
| Avg    | <del>F</del> 582.90 |
| Stddev | 4.11                |
| %RSD   | .70581              |

|    |        |
|----|--------|
| #1 | 585.81 |
| #2 | 579.99 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2934.6  | 44851.  | 4546.0  | 32.576 | 2671.8 |
| Stddev    | .0      | 393.    | 21.9    | .020   | 4.5    |
| %RSD      | .00003  | .87568  | .48116  | .02422 | .17001 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2934.6 | 44573. | 4561.5 | 82.590 | 2668.6 |
| #2 | 2934.6 | 45129. | 4530.6 | 82.561 | 2675.1 |



|                        |        |                             |        |                        |        |             |        |         |
|------------------------|--------|-----------------------------|--------|------------------------|--------|-------------|--------|---------|
| Sample Name: CCV05     |        | Acquired: 1/4/2018 15:49:05 |        | Type: Unk              |        |             |        |         |
| Method: P4-ICP2(v1897) |        | Mode: CONC                  |        | Corr. Factor: 1.000000 |        |             |        |         |
| User: JASWAL/BINHE     |        | Custom ID1: CCV12321        |        | Custom ID2:            |        | Custom ID3: |        |         |
| Comment:               |        |                             |        |                        |        |             |        |         |
| Elem                   | As1890 | Tl1908                      | Pb2203 | Se1960                 | Sb2068 | Al3961      | Ba4934 | Be2348  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 5.0430 | 4.9575                      | 4.9298 | 5.0688                 | 5.0931 | 10.131      | 10.054 | .24804  |
| Stddev                 | .0048  | .0109                       | .0105  | .0032                  | .0179  | .158        | .228   | .00381  |
| %RSD                   | .09498 | .21908                      | .21314 | .06329                 | .35227 | 1.5643      | 2.2725 | 1.5368  |
| #1                     | 5.0396 | 4.9652                      | 4.9372 | 5.0711                 | 5.1058 | 10.019      | 10.216 | .24534  |
| #2                     | 5.0464 | 4.9499                      | 4.9224 | 5.0666                 | 5.0804 | 10.243      | 9.8925 | .25073  |
| Elem                   | Cd2265 | Ca3736                      | Cr2677 | Co2286                 | Cu2247 | Fe2404      | Mn2576 | Mg2790  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 2.4674 | 24.977                      | .97305 | 2.4689                 | 1.2694 | 5.0606      | 2.4959 | 24.830  |
| Stddev                 | .0066  | .589                        | .01535 | .0028                  | .0017  | .0397       | .0356  | .527    |
| %RSD                   | .26598 | 2.3581                      | 1.5771 | .11467                 | .13656 | .78537      | 1.4251 | 2.1232  |
| #1                     | 2.4721 | 25.393                      | .96220 | 2.4709                 | 1.2682 | 5.0887      | 2.4707 | 25.203  |
| #2                     | 2.4628 | 24.560                      | .98391 | 2.4669                 | 1.2706 | 5.0325      | 2.5210 | 24.457  |
| Elem                   | Ni2316 | Ag3280                      | Na5895 | V_2924                 | Zn2138 | K_7664      | Mo2020 | B_2496  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 2.4769 | 1.2212                      | 24.629 | 2.4609                 | 2.5545 | 25.115      | 5.1096 | 5.0780  |
| Stddev                 | .0052  | .0146                       | .504   | .0369                  | .0398  | .560        | .0027  | .0864   |
| %RSD                   | .21169 | 1.1983                      | 2.0457 | 1.4989                 | 1.5592 | 2.2287      | .05373 | 1.7015  |
| #1                     | 2.4806 | 1.2108                      | 24.985 | 2.4348                 | 2.5827 | 25.511      | 5.1115 | 5.1391  |
| #2                     | 2.4732 | 1.2315                      | 24.272 | 2.4870                 | 2.5264 | 24.719      | 5.1076 | 5.0169  |
| Elem                   | S_1820 | Si2881                      | Sn1899 | Ti3361                 | Li6707 | P_1774      | Sr4077 | U_3670  |
| Units                  | ppm    | ppm                         | ppm    | ppm                    | ppm    | ppm         | ppm    | ppm     |
| Avg                    | 4.9523 | 5.0747                      | 4.9458 | 4.9634                 | 5.0293 | 5.061       | 4.9970 | F2.6059 |
| Stddev                 | .0191  | .0871                       | .0039  | .1208                  | .1183  | .007        | .1105  | .4291   |
| %RSD                   | .38600 | 1.7170                      | .07891 | 2.4332                 | 2.3530 | .1367       | 2.2109 | 16.467  |
| #1                     | 4.9658 | 5.1363                      | 4.9430 | 5.0488                 | 5.1129 | 5.066       | 5.0751 | 2.9094  |
| #2                     | 4.9388 | 5.0131                      | 4.9485 | 4.8780                 | 4.9456 | 5.056       | 4.9189 | 2.3025  |

Sample Name: CCV05      Acquired: 1/4/2018 15:49:05      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12321      Custom ID2:      Custom ID3:  
 Comment:

|        |         |
|--------|---------|
| Elem   | U_3859  |
| Units  | ppm     |
| Avg    | F1.1538 |
| Stddev | 1.7581  |
| %RSD   | 152.38  |

|    |         |
|----|---------|
| #1 | 2.3969  |
| #2 | -.08940 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2576.0  | 39749.  | 3834.3  | 34.645 | 2853.4 |
| Stddev    | 10.0    | 409.    | 101.7   | 1.521  | 11.3   |
| %RSD      | .38959  | 1.0297  | 2.6514  | 1.7968 | .39764 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2568.9 | 40038. | 3762.5 | 83.569 | 2845.4 |
| #2 | 2583.1 | 39459. | 3906.2 | 85.720 | 2861.4 |

Sample Name: CCB05      Acquired: 1/4/2018 15:52:52      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12321      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00123 | .00230 | .00272 | .00229 | .00146 | .01405 | .00149 |
| Stddev | .00075 | .00075 | .00025 | .00445 | .00228 | .00639 | .00011 |
| %RSD   | 60.764 | 32.658 | 9.2224 | 194.64 | 155.89 | 45.467 | 7.4660 |

|    |        |         |        |         |         |         |         |
|----|--------|---------|--------|---------|---------|---------|---------|
| #1 | .00176 | -.00283 | .00290 | .00086  | -.00015 | -.00953 | -.00141 |
| #2 | .00070 | -.00177 | .00254 | -.00543 | .00308  | -.01856 | -.00157 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00014 | .00001 | .00813 | .00023 | .00005 | .00035 | .00786 |
| Stddev | .00004 | .00003 | .01680 | .00015 | .00028 | .00083 | .01441 |
| %RSD   | 28.317 | 244.12 | 206.62 | 62.408 | 615.86 | 238.31 | 183.41 |

|    |        |         |         |         |         |         |         |
|----|--------|---------|---------|---------|---------|---------|---------|
| #1 | .00017 | -.00001 | .02001  | -.00034 | .00025  | .00024  | .01804  |
| #2 | .00011 | .00004  | -.00375 | -.00013 | -.00015 | -.00093 | -.00233 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .01030 | .00028 | .00037 | .10530 | .00055 | .00073 |
| Stddev | .00008 | .00107 | .00003 | .00009 | .00667 | .00026 | .00006 |
| %RSD   | 175.70 | 10.391 | 11.922 | 23.762 | 6.3366 | 46.870 | 8.4579 |

|    |         |        |        |        |         |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|
| #1 | -.00001 | .01105 | .00030 | .00031 | -.10058 | .00037 | .00069 |
| #2 | .00011  | .00954 | .00026 | .00043 | -.11002 | .00074 | .00077 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00530 | .00050 | .00212 | .00370 | .02353 | .00000 | .00386 |
| Stddev | .01824 | .00053 | .00730 | .00081 | .00623 | .00009 | .00006 |
| %RSD   | 344.09 | 106.21 | 344.75 | 21.950 | 26.474 | 10185. | 1.5695 |

|    |         |        |         |        |        |         |        |
|----|---------|--------|---------|--------|--------|---------|--------|
| #1 | -.01820 | .00087 | -.00728 | .00312 | .01913 | -.00006 | .00391 |
| #2 | .00760  | .00012 | .00305  | .00427 | .02794 | .00006  | .00382 |

Sample Name: CCB05      Acquired: 1/4/2018 15:52:52      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12321      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00440 | .0029  | .00002 | F.35693 | F<00000 |
| Stddev | .00177 | .0027  | .00004 | .19792  | .30558  |
| %RSD   | 40.283 | 91.47  | 250.06 | 55.452  | 37.494  |

|    |         |       |         |        |         |
|----|---------|-------|---------|--------|---------|
| #1 | -.00565 | .0010 | -.00001 | .21698 | -.59892 |
| #2 | -.00314 | .0049 | .00004  | .49689 | -1.0311 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2670.1  | 40218.  | 3785.6  | 35.693 | 3138.2 |
| Stddev    | 6.5     | 1070.   | 19.0    | 1.662  | 3.3    |
| %RSD      | .24346  | 2.6601  | .50246  | 1.9391 | .10399 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2665.5 | 40975. | 3772.2 | 84.518 | 3135.9 |
| #2 | 2674.7 | 39462. | 3799.1 | 86.868 | 3140.5 |

Sample Name: J1012-05      Acquired: 1/4/2018 15:57:01      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13164  | .01046 | .88612 | .13108 | .02499 | 109.98 | .67376 | .00432 |
| Stddev | .00700  | .00093 | .00674 | .00013 | .00076 | .29    | .00265 | .00006 |
| %RSD   | 5.3177  | 8.8799 | .76088 | .09582 | 3.0549 | .26122 | .39344 | 1.3543 |
| #1     | .12669  | .00981 | .88136 | .13099 | .02445 | 109.77 | .67188 | .00436 |
| #2     | .13659  | .01112 | .89089 | .13116 | .02553 | 110.18 | .67563 | .00428 |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00878  | 70.548 | .18958 | .11468 | .41387 | 368.48 | 3.3036 | 41.819 |
| Stddev | .00019  | .028   | .00030 | .00027 | .00092 | 5.16   | .0022  | .043   |
| %RSD   | 2.1912  | .04021 | .15894 | .23270 | .22196 | 1.3991 | .06668 | .10348 |
| #1     | -.00864 | 70.569 | .18979 | .11449 | .41452 | 364.83 | 3.3021 | 41.788 |
| #2     | -.00892 | 70.528 | .18937 | .11487 | .41322 | 372.13 | 3.3052 | 41.850 |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .26331  | .02649 | 7.2376 | .35219 | .93925 | 11.925 | .00886 | .37322 |
| Stddev | .00019  | .00049 | .0345  | .00021 | .01106 | .046   | .00053 | .00602 |
| %RSD   | .07172  | 1.8487 | .47731 | .06033 | 1.1777 | .38307 | 5.9775 | 1.6129 |
| #1     | .26317  | .02614 | 7.2620 | .35204 | .93143 | 11.892 | .00923 | .36896 |
| #2     | .26344  | .02684 | 7.2131 | .35234 | .94708 | 11.957 | .00848 | .37748 |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.5490  | 3.2996 | 4.9434 | 3.6557 | .12982 | 5.498  | .31816 | 100.08 |
| Stddev | .0063   | .0217  | .0154  | .0057  | .00068 | .014   | .00098 | .20    |
| %RSD   | .11282  | .65726 | .31217 | .15539 | .52500 | .2512  | .30656 | .20233 |
| #1     | 5.5534  | 3.2843 | 4.9325 | 3.6517 | .12934 | 5.489  | .31885 | 99.941 |
| #2     | 5.5446  | 3.3150 | 4.9543 | 3.6598 | .13030 | 5.508  | .31747 | 100.23 |

Sample Name: J1012-05      Acquired: 1/4/2018 15:57:01      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 714.07 |
| Stddev | 2.02   |
| %RSD   | .28274 |

|    |        |
|----|--------|
| #1 | 712.64 |
| #2 | 715.50 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2847.1  | 44077.  | 4323.2  | 32.947 | 2745.3 |
| Stddev    | 2.5     | 57.     | 10.1    | .799   | 4.6    |
| %RSD      | .08897  | .13008  | .23303  | .96332 | .16703 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2845.3 | 44117. | 4316.0 | 83.512 | 2742.1 |
| #2 | 2848.9 | 44036. | 4330.3 | 82.382 | 2748.6 |

Sample Name: J1012-07      Acquired: 1/4/2018 16:00:55      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07891 | .00244 | .73986 | .25201 | .00643 | 100.66 | .86616 | .00605 |
| Stddev | .00029 | .00604 | .00023 | .00093 | .00084 | .12    | .00230 | .00001 |
| %RSD   | .37221 | 246.96 | .03072 | .36707 | 13.065 | .12134 | .26568 | .23632 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .07912 | -.00671 | .73969 | .25135 | .00584 | 100.75 | .86778 | .00606 |
| #2 | .07870 | .00182  | .74002 | .25266 | .00703 | 100.58 | .86453 | .00604 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00227 | 72.262 | .18153 | .21169 | .19632 | 587.09 | 1.5027 | 31.473 |
| Stddev | .00053 | .018   | .00058 | .00167 | .00020 | 2.17   | .0014  | .135   |
| %RSD   | 23.251 | .02491 | .31792 | .78824 | .10115 | .36948 | .09135 | .42962 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00264 | 72.275 | .18112 | .21287 | .19618 | 585.56 | 1.5037 | 31.378 |
| #2 | .00190 | 72.250 | .18193 | .21051 | .19646 | 588.62 | 1.5018 | 31.569 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .37820 | .05191 | 9.2958 | .28151 | 1.6440 | 22.059 | .01682 | .80716 |
| Stddev | .00039 | .00024 | .0030  | .00110 | .0115  | .021   | .00001 | .00073 |
| %RSD   | .10354 | .46131 | .03262 | .39039 | .69785 | .09415 | .03260 | .09013 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .37848 | .05174 | 9.2936 | .28073 | 1.6359 | 22.074 | .01682 | .80768 |
| #2 | .37792 | .05208 | 9.2979 | .28228 | 1.6521 | 22.045 | .01682 | .80665 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.2641 | 1.5033 | .05297 | 4.9099 | .12755 | 31.55  | .55768 | 197.79 |
| Stddev | .0187  | .0203  | .00048 | .0024  | .00025 | .14    | .00008 | .68    |
| %RSD   | .29783 | 1.3520 | .90112 | .04895 | .19594 | .1730  | .01420 | .34390 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 6.2773 | 1.5177 | .05263 | 4.9082 | .12738 | 81.65 | .55773 | 197.31 |
| #2 | 6.2509 | 1.4889 | .05331 | 4.9116 | .12773 | 81.45 | .55762 | 198.27 |

Sample Name: J1012-07      Acquired: 1/4/2018 16:00:55      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 1509.8 |
| Stddev | 10.3   |
| %RSD   | .68490 |

|    |        |
|----|--------|
| #1 | 1517.1 |
| #2 | 1502.5 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 5881.6  | 107480. | 10791.  | 79.907 | 2494.5 |
| Stddev    | 18.5    | 639.    | 22.     | .164   | 11.7   |
| %RSD      | .26932  | .59449  | .20806  | .20523 | .47091 |

|    |        |         |        |        |        |
|----|--------|---------|--------|--------|--------|
| #1 | 6868.5 | 107020. | 10775. | 80.023 | 2486.2 |
| #2 | 6894.7 | 107930. | 10807. | 79.791 | 2502.8 |



Sample Name: J1012-09      Acquired: 1/4/2018 16:04:56      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .06362 | .00900 | 1.1604 | .07293 | .00838 | 199.63 | .96349 | .00824 |
| Stddev | .00220 | .00295 | .0040  | .00381 | .00394 | 1.47   | .03585 | .00020 |
| %RSD   | 3.4645 | 32.820 | .34120 | 5.2223 | 47.030 | .73395 | 3.7205 | 2.4558 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06518 | .00691 | 1.1632 | .07024 | .00559 | 198.60 | .93815 | .00838 |
| #2 | .06206 | .01109 | 1.1576 | .07562 | .01116 | 200.67 | .98884 | .00809 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00124 | 250.46 | .30532 | .12504 | .49636 | 273.16 | 5.7296 | 39.043 |
| Stddev | .00252 | 9.40   | .00033 | .00141 | .00400 | 20.19  | .0117  | 2.806  |
| %RSD   | 203.80 | 3.7543 | .10720 | 1.1277 | .80668 | 7.3897 | .20386 | 4.0645 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00055  | 243.81 | .30508 | .12604 | .49919 | 258.89 | 5.7213 | 67.059 |
| #2 | -.00302 | 257.11 | .30555 | .12404 | .49353 | 287.43 | 5.7378 | 71.027 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .24391 | .01927 | 4.8029 | .43662 | 2.1465 | 10.521 | .00403 | .29038 |
| Stddev | .00126 | .00209 | .1830  | .00006 | .1294  | .418   | .00058 | .02139 |
| %RSD   | .51743 | 10.837 | 3.8102 | .01477 | 6.0279 | 3.9733 | 14.391 | 7.3660 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24480 | .01779 | 4.6735 | .43657 | 2.0550 | 10.226 | .00362 | .27525 |
| #2 | .24302 | .02075 | 4.9323 | .43666 | 2.2380 | 10.817 | .00444 | .30550 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.7256 | 3.6266 | .05832 | 4.1477 | .16158 | 5.938  | .65632 | 114.45 |
| Stddev | .0583  | .1748  | .00070 | .1692  | .00778 | .047   | .02440 | .37    |
| %RSD   | .59894 | 4.8190 | 1.2045 | 4.0792 | 4.8161 | .7869  | 3.7171 | .32741 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 9.7667 | 3.5030 | .05782 | 4.0281 | .15608 | 5.971 | .63907 | 114.71 |
| #2 | 9.6844 | 3.7501 | .05881 | 4.2674 | .16709 | 5.905 | .67357 | 114.18 |

Sample Name: J1012-09      Acquired: 1/4/2018 16:04:56      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 548.65 |
| Stddev | 4.44   |
| %RSD   | .80917 |

|    |        |
|----|--------|
| #1 | 551.79 |
| #2 | 545.51 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2838.1  | 43425.  | 4486.3  | 34.031 | 2637.3 |
| Stddev    | 10.6    | 150.    | 123.1   | 5.070  | 16.9   |
| %RSD      | .37513  | .34520  | 2.7445  | 6.0334 | .64123 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2830.5 | 43319. | 4573.3 | 87.616 | 2625.3 |
| #2 | 2845.6 | 43531. | 4399.2 | 80.446 | 2649.2 |

Sample Name: J1012-11      Acquired: 1/4/2018 16:09:03      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04828 | .00736 | .75272 | .09195 | .01332 | 182.61 | .67570 | .00494 |
| Stddev | .00319 | .00036 | .00331 | .00531 | .00101 | .63    | .00098 | .00015 |
| %RSD   | 6.6006 | 4.9442 | .43937 | 5.7792 | 7.6115 | .34308 | .14563 | 3.0160 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04603 | .00762 | .75038 | .09571 | .01261 | 182.17 | .67500 | .00505 |
| #2 | .05053 | .00710 | .75506 | .08820 | .01404 | 183.05 | .67639 | .00484 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00640 | 151.97 | .38959 | .16506 | .76617 | 305.83 | 4.0612 | 105.88 |
| Stddev | .00021 | .45    | .00288 | .00087 | .00140 | 1.05   | .0087  | .27    |
| %RSD   | 3.2578 | .29487 | .73922 | .52692 | .18252 | .34377 | .21494 | .25577 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00625 | 152.28 | .39163 | .16444 | .76518 | 306.57 | 4.0673 | 106.07 |
| #2 | -.00655 | 151.65 | .38755 | .16567 | .76715 | 305.08 | 4.0550 | 105.69 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33638 | .02266 | 12.878 | .53929 | 1.6094 | 10.459 | .00663 | .37171 |
| Stddev | .00090 | .00016 | .026   | .00127 | .0135  | .027   | .00015 | .00543 |
| %RSD   | .26798 | .70653 | .20066 | .23610 | .84086 | .26256 | 2.1980 | 1.4598 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33574 | .02255 | 12.896 | .54019 | 1.6190 | 10.479 | .00673 | .37555 |
| #2 | .33702 | .02278 | 12.860 | .53839 | 1.5998 | 10.440 | .00653 | .36788 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.3769 | 3.9269 | .03956 | 5.0908 | .13477 | 5.349  | .44797 | 106.42 |
| Stddev | .0016  | .0264  | .00019 | .0200  | .00006 | .004   | .00095 | 2.04   |
| %RSD   | .02452 | .67236 | .49039 | .32835 | .04754 | .0679  | .21202 | 1.9144 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 6.3780 | 3.9083 | .03969 | 6.1049 | .13482 | 5.351 | .44864 | 104.98 |
| #2 | 6.3758 | 3.9456 | .03942 | 6.0766 | .13472 | 5.346 | .44729 | 107.86 |

Sample Name: J1012-11      Acquired: 1/4/2018 16:09:03      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 576.76 |
| Stddev | 6.10   |
| %RSD   | 1.0580 |

|    |        |
|----|--------|
| #1 | 581.07 |
| #2 | 572.44 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2846.2  | 44170.  | 4458.8  | 30.799 | 2635.0 |
| Stddev    | 3.2     | 201.    | 39.1    | .756   | 3.7    |
| %RSD      | .11383  | .45589  | .87647  | .93610 | .14013 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2843.9 | 44028. | 4431.1 | 80.264 | 2632.4 |
| #2 | 2848.5 | 44312. | 4486.4 | 81.334 | 2637.6 |

Sample Name: J1012-13      Acquired: 1/4/2018 16:13:05      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07313 | .00851 | .77420 | .09474 | .01043 | 175.52 | .93552 | .00572 |
| Stddev | .00067 | .00005 | .00350 | .00010 | .00064 | 6.79   | .00041 | .00057 |
| %RSD   | .91179 | .61764 | .45236 | .11049 | 6.1280 | 3.8687 | .04389 | 10.014 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07360 | .00855 | .77668 | .09481 | .01088 | 180.32 | .93523 | .00612 |
| #2 | .07266 | .00848 | .77173 | .09466 | .00998 | 170.72 | .93581 | .00531 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00479 | 308.88 | .33659 | .16828 | .83827 | 335.26 | 4.7160 | 156.77 |
| Stddev | .00004 | .26    | .01461 | .00047 | .00164 | .44    | .1415  | .28    |
| %RSD   | .83711 | .08381 | 4.3418 | .27956 | .19600 | .12990 | 3.0004 | .17594 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00476 | 308.70 | .34692 | .16861 | .83943 | 335.57 | 4.8161 | 156.58 |
| #2 | -.00482 | 309.07 | .32625 | .16794 | .83711 | 334.95 | 4.6160 | 156.97 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .32823 | .02919 | 9.1133 | .41464 | 1.3952 | 14.454 | .00211 | .40291 |
| Stddev | .00168 | .00011 | .0086  | .01641 | .0005  | .043   | .00054 | .00317 |
| %RSD   | .51308 | .37671 | .09387 | 3.9585 | .03267 | .29648 | 25.750 | .78647 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .32942 | .02927 | 9.1072 | .42625 | 1.3955 | 14.423 | .00173 | .40067 |
| #2 | .32703 | .02911 | 9.1193 | .40303 | 1.3948 | 14.484 | .00250 | .40515 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.7967 | 7.1399 | .04363 | 5.5888 | .16826 | 3.156  | .68879 | 131.17 |
| Stddev | .0001  | .1134  | .00047 | .0028  | .00032 | .010   | .00221 | 2.41   |
| %RSD   | .00095 | 1.5875 | 1.0832 | .05080 | .19259 | .1192  | .32083 | 1.8357 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.7967 | 7.0598 | .04397 | 5.5908 | .16803 | 8.163 | .69036 | 132.87 |
| #2 | 4.7967 | 7.2201 | .04330 | 5.5868 | .16849 | 8.150 | .68723 | 129.46 |

Sample Name: J1012-13      Acquired: 1/4/2018 16:13:05      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 537.86 |
| Stddev | 8.88   |
| %RSD   | 1.3927 |

|    |        |
|----|--------|
| #1 | 644.14 |
| #2 | 631.58 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2855.9 | 45242. | 4512.8 | 79.374 | 2539.9 |
| Stddev    | 14.4   | 1659.  | 5.6    | .213   | 12.6   |
| %RSD      | .50319 | 3.6667 | .12487 | .26865 | .49800 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2845.8 | 44069. | 4516.8 | 79.223 | 2530.9 |
| #2 | 2866.1 | 46415. | 4508.8 | 79.525 | 2548.8 |

Sample Name: J1012-15      Acquired: 1/4/2018 16:17:05      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04416 | .01135 | .22513 | .11960 | .01043 | 310.91 | .99249 | .00701 |
| Stddev | .00750 | .00092 | .01231 | .02096 | .00263 | 7.79   | .09880 | .00023 |
| %RSD   | 16.990 | 8.1098 | 5.4663 | 17.528 | 25.242 | 2.5051 | 9.9549 | 3.3219 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04946 | .01200 | .23383 | .13442 | .00857 | 316.42 | 1.0624 | .00684 |
| #2 | .03885 | .01070 | .21643 | .10477 | .01229 | 305.40 | .92263 | .00717 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01053 | 31.646 | .51042 | .20871 | .76824 | 344.77 | 4.5290 | 37.109 |
| Stddev | .00467 | 8.069  | .00044 | .00043 | .00359 | 46.15  | .0227  | 8.447  |
| %RSD   | 44.314 | 9.8830 | .08595 | .20721 | .46714 | 13.385 | .50211 | 9.6973 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.01383 | 87.352 | .51073 | .20841 | .76571 | 377.41 | 4.5451 | 93.082 |
| #2 | -.00723 | 75.940 | .51010 | .20902 | .77078 | 312.14 | 4.5129 | 81.136 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .37825 | .02546 | 9.1453 | .47936 | 1.7555 | 7.2379 | .00101 | .38989 |
| Stddev | .00102 | .00470 | .9253  | .00130 | .1983  | .7225  | .00014 | .04808 |
| %RSD   | .27077 | 18.456 | 10.118 | .27182 | 11.293 | 9.9814 | 13.433 | 12.332 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .37898 | .02878 | 9.7996 | .48028 | 1.8957 | 7.7488 | .00091 | .42389 |
| #2 | .37753 | .02213 | 8.4910 | .47844 | 1.6153 | 6.7271 | .00110 | .35589 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.2401 | 4.8146 | .02455 | 7.6018 | .15975 | 5.937  | .30734 | 103.68 |
| Stddev | .0253  | .4421  | .00187 | .7634  | .01495 | .023   | .03102 | .59    |
| %RSD   | 1.1293 | 9.1825 | 7.6313 | 10.043 | 9.3573 | .3931  | 10.094 | .57156 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 2.2579 | 5.1272 | .02588 | 8.1416 | .17032 | 5.954 | .32927 | 103.26 |
| #2 | 2.2222 | 4.5020 | .02323 | 7.0620 | .14918 | 5.921 | .28540 | 104.10 |

Sample Name: J1012-15      Acquired: 1/4/2018 16:17:05      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 531.08 |
| Stddev | 2.10   |
| %RSD   | .33350 |

|    |        |
|----|--------|
| #1 | 629.59 |
| #2 | 632.57 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2909.7  | 44090.  | 4297.9  | 78.706 | 2699.9 |
| Stddev    | 21.1    | 232.    | 333.0   | 9.002  | 19.5   |
| %RSD      | .72660  | .52594  | 7.7480  | 11.437 | .72116 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2894.7 | 43926. | 4062.5 | 72.341 | 2686.1 |
| #2 | 2924.6 | 44254. | 4533.4 | 85.071 | 2713.6 |



Sample Name: J1016-01      Acquired: 1/4/2018 16:21:07      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OK-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05859 | .00808 | .48089 | .08718 | .00961 | 139.91 | .70232 | .00407 |
| Stddev | .00207 | .00177 | .00153 | .00427 | .00010 | 2.14   | .00233 | .00006 |
| %RSD   | 3.5296 | 21.927 | .31897 | 4.9007 | 1.0878 | 1.5288 | .33147 | 1.4689 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06005 | .00683 | .47980 | .09020 | .00968 | 141.43 | .70397 | .00403 |
| #2 | .05712 | .00933 | .48197 | .08416 | .00953 | 138.40 | .70068 | .00411 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00645 | 383.84 | .23701 | .15533 | .40126 | 356.66 | 3.7368 | 217.14 |
| Stddev | .00013 | .70    | .00353 | .00118 | .00141 | 1.02   | .0844  | .00    |
| %RSD   | 1.9817 | .18299 | 1.4900 | .75848 | .35263 | .28709 | 2.2578 | .00129 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00636 | 384.33 | .23951 | .15616 | .40226 | 355.94 | 3.7965 | 217.15 |
| #2 | -.00654 | 383.34 | .23452 | .15449 | .40025 | 357.39 | 3.6772 | 217.14 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22916 | .02571 | 3.5492 | .60417 | 1.0404 | 10.934 | .00260 | 1.1596 |
| Stddev | .00107 | .00011 | .0005  | .01327 | .0006  | .008   | .00072 | .0103  |
| %RSD   | .46857 | .43739 | .00753 | 2.1970 | .05476 | .07408 | 27.538 | .88471 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22992 | .02563 | 6.5489 | .61356 | 1.0400 | 10.939 | .00210 | 1.1524 |
| #2 | .22840 | .02578 | 6.5496 | .59478 | 1.0408 | 10.928 | .00311 | 1.1669 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8208 | 3.4459 | .02402 | 5.8920 | .21637 | 12.08  | .59774 | 156.78 |
| Stddev | .0059  | .1433  | .00125 | .0162  | .00074 | .06    | .00115 | 1.18   |
| %RSD   | .12314 | 4.1574 | 5.1967 | .27543 | .34080 | .5265  | .19263 | .74963 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.8250 | 3.5472 | .02314 | 5.9035 | .21585 | 12.12 | .59692 | 157.61 |
| #2 | 4.8166 | 3.3446 | .02490 | 5.8805 | .21689 | 12.03 | .59855 | 155.95 |

Sample Name: J1016-01      Acquired: 1/4/2018 16:21:07      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OK-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 380.61 |
| Stddev | 5.04   |
| %RSD   | .74105 |

|    |        |
|----|--------|
| #1 | 684.18 |
| #2 | 677.05 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2891.9  | 45364.  | 4570.9  | 78.036 | 2486.8 |
| Stddev    | 13.3    | 952.    | 32.6    | .027   | 11.6   |
| %RSD      | .46009  | 2.0986  | .71226  | .03416 | .46743 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2882.5 | 44691. | 4547.8 | 78.055 | 2478.6 |
| #2 | 2901.4 | 46037. | 4593.9 | 78.017 | 2495.1 |

Sample Name: J1027-01      Acquired: 1/4/2018 16:25:03      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251608      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05885 | .00461 | .25799 | .07296 | .00520 | 100.28 | .40926 | .00234 |
| Stddev | .00442 | .00247 | .00065 | .00307 | .00251 | 1.89   | .00263 | .00013 |
| %RSD   | 7.5067 | 53.652 | .25221 | 4.2015 | 48.272 | 1.8880 | .64301 | 5.7487 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05572 | .00635 | .25845 | .07513 | .00342 | 98.944 | .41112 | .00224 |
| #2 | .06197 | .00286 | .25753 | .07079 | .00697 | 101.62 | .40740 | .00243 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00630 | 78.978 | .23126 | .05456 | .31306 | 215.87 | 2.8804 | 43.085 |
| Stddev | .00005 | .167   | .00518 | .00020 | .00004 | .39    | .0592  | .152   |
| %RSD   | .85855 | .21199 | 2.2416 | .36170 | .01361 | .18257 | 2.0545 | .35259 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00634 | 79.097 | .22760 | .05442 | .31303 | 216.15 | 2.8386 | 42.977 |
| #2 | -.00626 | 78.860 | .23493 | .05470 | .31309 | 215.59 | 2.9223 | 43.192 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13373 | .01459 | 3.9129 | .33952 | .33849 | 7.2677 | .00516 | .27515 |
| Stddev | .00094 | .00032 | .0435  | .00695 | .00168 | .0162  | .00054 | .00396 |
| %RSD   | .70358 | 2.2080 | .62847 | 2.0467 | .49598 | .22343 | 10.526 | 1.4389 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13307 | .01481 | 6.9436 | .33461 | .33968 | 7.2792 | .00478 | .27795 |
| #2 | .13440 | .01436 | 6.8821 | .34443 | .33731 | 7.2562 | .00555 | .27235 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4830 | 3.0456 | .00862 | 1.4684 | .08630 | 3.586  | .22354 | 72.288 |
| Stddev | .0118  | .0648  | .00008 | .0118  | .00164 | .004   | .00052 | .059   |
| %RSD   | .79678 | 2.1271 | .92773 | .80593 | 1.9005 | .1100  | .23430 | .08135 |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 1.4913 | 3.0914 | .00867 | 1.4768 | .08746 | 3.583 | .22391 | 72.329 |
| #2 | 1.4746 | 2.9998 | .00856 | 1.4600 | .08514 | 3.589 | .22317 | 72.246 |

Sample Name: J1027-01      Acquired: 1/4/2018 16:25:03      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251608      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 379.46 |
| Stddev | 10.34  |
| %RSD   | 2.7245 |

|    |        |
|----|--------|
| #1 | 386.77 |
| #2 | 372.15 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2806.4  | 42221.  | 4218.6  | 34.210 | 2838.9 |
| Stddev    | 4.5     | 631.    | 16.9    | .504   | 1.2    |
| %RSD      | .15942  | 1.4939  | .39963  | .59825 | .04311 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2803.3 | 42667. | 4206.7 | 83.853 | 2838.0 |
| #2 | 2809.6 | 41775. | 4230.5 | 84.566 | 2839.8 |

Sample Name: J1027-03      Acquired: 1/4/2018 16:29:17      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251588      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03931  | .00714 | .90862 | .07958 | .00433 | 143.19 | .76171 | .00626 |
| Stddev | .00136  | .00113 | .00212 | .00408 | .00072 | 4.53   | .00369 | .00027 |
| %RSD   | 3.4565  | 15.794 | .23320 | 5.1323 | 16.606 | 3.1614 | .48461 | 4.3121 |
| #1     | .04027  | .00634 | .90712 | .08247 | .00382 | 139.99 | .76432 | .00607 |
| #2     | .03834  | .00794 | .91012 | .07669 | .00484 | 146.40 | .75910 | .00645 |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00628  | 117.46 | .17818 | .11639 | .51252 | 245.79 | 7.4975 | 53.238 |
| Stddev | .00082  | .07    | .00617 | .00004 | .00304 | 7.04   | .2498  | .130   |
| %RSD   | 13.122  | .05752 | 3.4601 | .03368 | .59393 | 2.8659 | 3.3322 | .24411 |
| #1     | -.00686 | 117.51 | .17382 | .11637 | .51037 | 250.77 | 7.3208 | 53.329 |
| #2     | -.00570 | 117.41 | .18254 | .11642 | .51467 | 240.81 | 7.6741 | 53.146 |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20776  | .01871 | 15.767 | .31089 | .68486 | 16.819 | .00694 | .28027 |
| Stddev | .00039  | .00114 | .074   | .01292 | .01988 | .080   | .00021 | .01532 |
| %RSD   | .18843  | 6.0708 | .47220 | 4.1550 | 2.9031 | .47406 | 2.9833 | 5.4667 |
| #1     | .20748  | .01952 | 15.819 | .30176 | .69892 | 16.876 | .00680 | .29110 |
| #2     | .20804  | .01791 | 15.714 | .32002 | .67080 | 16.763 | .00709 | .26944 |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.5347  | 4.0607 | .04464 | 2.8523 | .17032 | 5.319  | .56494 | 33.925 |
| Stddev | .0047   | .3916  | .00094 | .0029  | .00024 | .003   | .00187 | .379   |
| %RSD   | .13296  | 9.6436 | 2.1022 | .10184 | .13851 | .0484  | .33151 | .45195 |
| #1     | 3.5380  | 4.3376 | .04531 | 2.8502 | .17015 | 5.317  | .56627 | 83.657 |
| #2     | 3.5313  | 3.7838 | .04398 | 2.8543 | .17048 | 5.321  | .56362 | 84.193 |

Sample Name: J1027-03      Acquired: 1/4/2018 16:29:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251588      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 440.48 |
| Stddev | 1.78   |
| %RSD   | .40326 |

|    |        |
|----|--------|
| #1 | 439.23 |
| #2 | 441.74 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2974.0  | 44755.  | 4509.7  | 31.974 | 2738.6 |
| Stddev    | .7      | 1365.   | 22.7    | 2.377  | .7     |
| %RSD      | .02481  | 3.0506  | .50231  | 2.8999 | .02410 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2973.5 | 45720. | 4493.6 | 80.293 | 2739.1 |
| #2 | 2974.6 | 43789. | 4525.7 | 83.655 | 2738.1 |

Sample Name: J1027-05      Acquired: 1/4/2018 16:33:32      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251678      Custom ID2:      Custom ID3:  
Comment:

|        |         |        |        |        |        |        |        |        |
|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890  | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07656  | .00726 | 3.7061 | .09060 | .00782 | 162.82 | 1.3851 | .00732 |
| Stddev | .00348  | .00120 | .0110  | .01157 | .00246 | 9.21   | .0437  | .00039 |
| %RSD   | 4.5440  | 16.514 | .16357 | 12.774 | 31.464 | 5.6571 | 3.1545 | 5.3743 |
| #1     | .07410  | .00642 | 6.6984 | .08242 | .00957 | 156.30 | 1.3542 | .00704 |
| #2     | .07902  | .00811 | 6.7139 | .09879 | .00608 | 169.33 | 1.4160 | .00760 |
| Elem   | Cd2265  | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00557  | 39.366 | .22191 | .15297 | .95370 | 261.21 | 7.9543 | 42.433 |
| Stddev | .00158  | 2.053  | .01455 | .00057 | .00018 | 15.40  | .3903  | 1.473  |
| %RSD   | 28.285  | 2.9594 | 6.5548 | .37586 | .01840 | 5.8949 | 4.9069 | 3.4706 |
| #1     | -.00446 | 67.915 | .21162 | .15338 | .95382 | 250.32 | 7.6783 | 41.391 |
| #2     | -.00669 | 70.818 | .23219 | .15257 | .95357 | 272.10 | 8.2303 | 43.474 |
| Elem   | Ni2316  | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23569  | .03132 | 11.340 | .28792 | 1.5569 | 16.327 | .00305 | .27900 |
| Stddev | .00085  | .00152 | .313   | .01883 | .0811  | .454   | .00007 | .01869 |
| %RSD   | .36237  | 4.8551 | 2.7635 | 6.5389 | 5.2069 | 2.7807 | 2.3725 | 6.7006 |
| #1     | .23508  | .03024 | 11.118 | .27461 | 1.4996 | 16.006 | .00310 | .26578 |
| #2     | .23629  | .03239 | 11.561 | .30123 | 1.6142 | 16.648 | .00300 | .29222 |
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3871  | 3.2577 | 1.2173 | 1.8010 | .22081 | 12.04  | .53101 | 30.770 |
| Stddev | .0029   | .1343  | .0067  | .0388  | .00747 | .00    | .01643 | .706   |
| %RSD   | .20954  | 2.1454 | .54744 | 2.1532 | 3.3817 | .0287  | 3.0936 | .87403 |
| #1     | 1.3891  | 6.1628 | 1.2126 | 1.7735 | .21553 | 12.04  | .51939 | 80.270 |
| #2     | 1.3850  | 6.3526 | 1.2220 | 1.8284 | .22609 | 12.05  | .54262 | 81.269 |

Sample Name: J1027-05      Acquired: 1/4/2018 16:33:32      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251678      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | 484.14 |
| Stddev | 5.36   |
| %RSD   | 1.1080 |

|    |        |
|----|--------|
| #1 | 487.94 |
| #2 | 480.35 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | In2306 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2974.9 | 44201. | 4558.4 | 33.013 | 2765.5 |
| Stddev    | 1.3    | 2170.  | 104.1  | 4.291  | 2.4    |
| %RSD      | .04237 | 4.9101 | 2.2833 | 5.1696 | .08805 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2974.0 | 45736. | 4632.0 | 86.047 | 2767.3 |
| #2 | 2975.8 | 42666. | 4484.8 | 79.978 | 2763.8 |



Sample Name: CCV06      Acquired: 1/4/2018 16:37:46      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB6413      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0107 | 4.9389 | 4.9117 | 5.0306 | 5.0526 | 9.9089 | 10.206 |
| Stddev | .0207  | .0024  | .0020  | .0116  | .0015  | .3253  | .027   |
| %RSD   | .41373 | .04931 | .04077 | .23050 | .02934 | 3.2830 | .26731 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9961 | 4.9372 | 4.9131 | 5.0224 | 5.0536 | 9.6789 | 10.226 |
| #2 | 5.0254 | 4.9406 | 4.9103 | 5.0388 | 5.0515 | 10.139 | 10.187 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | 2.4443 | 2.4599 | 25.380 | 9.95967 | 2.4611 | 1.2610 | 5.1438 |
| Stddev | .00760 | .0004  | .143   | .03743  | .0006  | .0029  | .1377  |
| %RSD   | 3.1110 | .01460 | .56521 | 3.9005  | .02242 | .22668 | 2.6772 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23905 | 2.4602 | 25.279 | .93320 | 2.4615 | 1.2589 | 5.0464 |
| #2 | .24981 | 2.4596 | 25.482 | .98614 | 2.4608 | 1.2630 | 5.2411 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4567 | 25.109 | 2.4691 | 1.2013 | 25.051 | 2.4242 | 2.6398 |
| Stddev | .0832  | .083   | .0006  | .0391  | .008   | .0888  | .0709  |
| %RSD   | 3.3865 | .32984 | .02564 | 3.2534 | .03219 | 3.6632 | 2.6848 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3978 | 25.051 | 2.4695 | 1.1737 | 25.057 | 2.3614 | 2.5897 |
| #2 | 2.5155 | 25.168 | 2.4686 | 1.2289 | 25.046 | 2.4870 | 2.6899 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.557 | 5.0757 | 5.1206 | 4.9098 | 5.1487 | 4.9219 | 5.0078 |
| Stddev | .021   | .0022  | .0040  | .0128  | .0019  | .0063  | .0159  |
| %RSD   | .08347 | .04414 | .07801 | .26147 | .03694 | .12815 | .31853 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.572 | 5.0773 | 5.1178 | 4.9189 | 5.1474 | 4.9174 | 5.0191 |
| #2 | 25.542 | 5.0741 | 5.1234 | 4.9007 | 5.1501 | 4.9263 | 4.9965 |

Sample Name: CCV06      Acquired: 1/4/2018 16:37:46      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSAB6413      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |           |
|--------|--------|--------|--------|----------|-----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859    |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm       |
| Avg    | 5.1107 | 5.035  | 5.0661 | F 2.0806 | F < 00000 |
| Stddev | .0104  | .007   | .0003  | .3949    | .12432    |
| %RSD   | .20250 | .1379  | .00574 | 18.981   | 3.9283    |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | 5.1180 | 5.040 | 5.0663 | 1.8013 | -3.2526 |
| #2 | 5.1034 | 5.031 | 5.0659 | 2.3598 | -3.0768 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2599.0  | 40488.  | 3766.0  | 32.187 | 2870.2 |
| Stddev    | 7.1     | 1051.   | 8.6     | 1.908  | 11.4   |
| %RSD      | .27321  | 2.5958  | .22828  | 2.3213 | .39635 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2594.0 | 41231. | 3759.9 | 83.536 | 2862.1 |
| #2 | 2604.0 | 39745. | 3772.1 | 80.838 | 2878.2 |

Sample Name: LLCCV04      Acquired: 1/4/2018 16:42:11      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12322      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01904 | .03765 | .01375 | .02345 | .05096 | .09165 | .09932 |
| Stddev | .00125 | .00020 | .00083 | .00110 | .00193 | .00924 | .00056 |
| %RSD   | 6.5747 | .53963 | 6.0539 | 4.6942 | 3.7847 | 10.087 | .56555 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01815 | .03780 | .01434 | .02267 | .04960 | .09818 | .09971 |
| #2 | .01992 | .03751 | .01316 | .02423 | .05232 | .08511 | .09892 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00598 | .00560 | 2.0212 | .00959 | .02856 | .02147 | .11814 |
| Stddev | .00007 | .00004 | .0183  | .00015 | .00046 | .00034 | .00556 |
| %RSD   | 1.1897 | .76785 | .90576 | 1.5679 | 1.6280 | 1.5872 | 4.7077 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00603 | .00564 | 2.0082 | .00948 | .02888 | .02123 | .11420 |
| #2 | .00593 | .00557 | 2.0341 | .00969 | .02823 | .02172 | .12207 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02116 | 1.9707 | .03813 | .00977 | 1.8743 | .03898 | .04298 |
| Stddev | .00011 | .0286  | .00047 | .00049 | .0024  | .00058 | .00036 |
| %RSD   | .50568 | 1.4507 | 1.2211 | 5.0482 | .12721 | 1.5000 | .83928 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02108 | 1.9505 | .03846 | .01012 | 1.8760 | .03857 | .04323 |
| #2 | .02124 | 1.9909 | .03780 | .00942 | 1.8727 | .03940 | .04272 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9790 | .20530 | .10550 | .01846 | .37204 | .03698 | .04167 |
| Stddev | .0320  | .00195 | .00049 | .00267 | .01450 | .00076 | .00017 |
| %RSD   | 1.6190 | .94987 | .46590 | 14.486 | 3.8976 | 2.0684 | .41444 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9563 | .20668 | .10585 | .01657 | .38230 | .03752 | .04155 |
| #2 | 2.0016 | .20392 | .10515 | .02035 | .36179 | .03644 | .04179 |

Sample Name: LLCCV04      Acquired: 1/4/2018 16:42:11      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12322      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .01636 | .0230  | .02079 | F.88640 | F<00000 |
| Stddev | .00079 | .0003  | .00003 | .06092  | .15614  |
| %RSD   | 4.8548 | 1.267  | .15487 | 6.8730  | 4.8697  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01692 | .0228 | .02077 | .92947 | -3.3169 |
| #2 | .01580 | .0232 | .02081 | .84332 | -3.0961 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2666.8  | 40752.  | 3754.2  | 33.230 | 3127.3 |
| Stddev    | 13.2    | 50.     | 10.3    | .884   | 21.6   |
| %RSD      | .49506  | .12332  | .27436  | 1.0620 | .69051 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2657.5 | 40716. | 3747.0 | 82.605 | 3112.0 |
| #2 | 2676.1 | 40787. | 3761.5 | 83.855 | 3142.6 |

Sample Name: CCB06      Acquired: 1/4/2018 16:46:52      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12322      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00347 | .00099 | .00175 | .00141 | .00221 | .01553 | .00085 |
| Stddev | .00174 | .00192 | .00159 | .00521 | .00077 | .00423 | .00043 |
| %RSD   | 50.245 | 194.25 | 90.941 | 369.94 | 35.053 | 27.219 | 50.917 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00470 | -.00234 | .00063 | -.00228 | .00276 | -.01852 | -.00115 |
| #2 | -.00223 | .00037  | .00288 | .00509  | .00166 | -.01254 | -.00054 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00005 | .01218 | .00026 | .00032 | .00007 | .00062 |
| Stddev | .00002 | .00011 | .01499 | .00018 | .00001 | .00042 | .00587 |
| %RSD   | 32.642 | 232.30 | 123.01 | 68.738 | 3.6848 | 623.92 | 948.87 |

|    |        |         |        |         |         |         |         |
|----|--------|---------|--------|---------|---------|---------|---------|
| #1 | .00004 | .00012  | .00159 | -.00039 | -.00031 | -.00023 | .00354  |
| #2 | .00007 | -.00003 | .02278 | -.00014 | -.00033 | .00036  | -.00477 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .01465 | .00012 | .00017 | .11977 | .00040 | .00050 |
| Stddev | .00001 | .04898 | .00034 | .00025 | .00063 | .00039 | .00010 |
| %RSD   | 81.930 | 334.39 | 296.60 | 149.24 | .52552 | 96.644 | 20.015 |

|    |         |         |         |         |         |        |         |
|----|---------|---------|---------|---------|---------|--------|---------|
| #1 | -.00001 | .04928  | -.00036 | -.00001 | -.12022 | .00013 | -.00057 |
| #2 | -.00003 | -.01999 | .00013  | .00034  | -.11933 | .00068 | -.00043 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03110 | .00086 | .00625 | .00075 | .01267 | .00023 | .00014 |
| Stddev | .00219 | .00035 | .00594 | .00036 | .03299 | .00090 | .00090 |
| %RSD   | 7.0396 | 40.685 | 95.167 | 47.670 | 260.42 | 400.71 | 639.59 |

|    |        |         |         |        |         |         |         |
|----|--------|---------|---------|--------|---------|---------|---------|
| #1 | .03265 | -.00061 | -.00204 | .00101 | -.01066 | -.00087 | -.00078 |
| #2 | .02956 | -.00111 | -.01045 | .00050 | .03599  | .00041  | .00050  |

Sample Name: CCB06      Acquired: 1/4/2018 16:46:52      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12322      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |          |         |
|--------|--------|--------|--------|----------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670   | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm     |
| Avg    | .00500 | .0033  | .00000 | F<.00000 | F1.1536 |
| Stddev | .00086 | .0009  | .00007 | .86706   | 2.8780  |
| %RSD   | 17.259 | 26.55  | 2527.7 | 518.35   | 249.48  |

|    |         |       |         |         |         |
|----|---------|-------|---------|---------|---------|
| #1 | -.00561 | .0039 | -.00005 | .44583  | -.88144 |
| #2 | -.00439 | .0027 | .00006  | -.78038 | 3.1887  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2702.5  | 40427.  | 3762.1  | 36.648 | 3176.1 |
| Stddev    | 30.1    | 502.    | 10.9    | 1.064  | 33.3   |
| %RSD      | 1.1134  | 1.2408  | .29086  | 1.2278 | 1.0481 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2681.2 | 40782. | 3754.4 | 87.400 | 3152.6 |
| #2 | 2723.8 | 40072. | 3769.9 | 85.895 | 3199.7 |

Sample Name: PB105485BL      Acquired: 1/4/2018 16:51:30      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |        |         |        |        |        |         |         |        |
|--------|--------|---------|--------|--------|--------|---------|---------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934  | Be2348 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm     | ppm    |
| Avg    | .00193 | -.00271 | .00206 | .00017 | .00104 | -.00640 | -.00076 | .00002 |
| Stddev | .00065 | .00037  | .00071 | .00321 | .00147 | .00277  | .00088  | .00003 |
| %RSD   | 33.723 | 13.553  | 34.204 | 1863.1 | 141.90 | 43.329  | 116.81  | 174.42 |

|    |        |         |        |         |        |         |         |         |
|----|--------|---------|--------|---------|--------|---------|---------|---------|
| #1 | .00147 | -.00245 | .00256 | -.00210 | .00208 | -.00444 | -.00013 | .00000  |
| #2 | .00239 | -.00297 | .00156 | .00245  | .00000 | -.00836 | -.00138 | -.00004 |

|        |        |        |         |         |        |        |        |        |
|--------|--------|--------|---------|---------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286  | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00429 | -.00016 | -.00018 | .00027 | .01016 | .00003 | .01889 |
| Stddev | .00001 | .01306 | .00031  | .00011  | .00072 | .00833 | .00012 | .00866 |
| %RSD   | 22.759 | 304.21 | 191.26  | 62.339  | 260.58 | 82.014 | 426.33 | 45.835 |

|    |        |         |         |         |         |        |         |        |
|----|--------|---------|---------|---------|---------|--------|---------|--------|
| #1 | .00005 | -.00494 | -.00038 | -.00010 | -.00023 | .00427 | -.00006 | .01277 |
| #2 | .00007 | .01353  | .00006  | -.00026 | .00078  | .01605 | .00011  | .02501 |

|        |        |        |         |        |         |        |         |         |
|--------|--------|--------|---------|--------|---------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138  | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm     | ppm     |
| Avg    | .00030 | .00000 | -.13595 | .00018 | -.00054 | .01774 | -.00129 | -.00869 |
| Stddev | .00062 | .00016 | .00827  | .00028 | .00011  | .00579 | .00027  | .00479  |
| %RSD   | 206.91 | 13973. | 6.0849  | 153.12 | 20.128  | 32.647 | 20.678  | 55.148  |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | .00073  | -.00011 | -.14180 | .00038  | -.00046 | .02183 | -.00110 | -.00530 |
| #2 | -.00014 | .00012  | -.13010 | -.00002 | -.00061 | .01364 | -.00148 | -.01208 |

|        |        |        |         |         |         |        |        |        |
|--------|--------|--------|---------|---------|---------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361  | Li6707  | P_1774 | Sr4077 | U_3670 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00027 | .01937 | -.00133 | -.00063 | -.00508 | .0025  | .00008 | .32746 |
| Stddev | .00386 | .01778 | .00042  | .00010  | .00128  | .0000  | .00004 | .66016 |
| %RSD   | 1446.3 | 91.774 | 31.316  | 16.201  | 25.109  | .0112  | 45.070 | 201.60 |

|    |         |        |         |         |         |       |        |         |
|----|---------|--------|---------|---------|---------|-------|--------|---------|
| #1 | .00300  | .03194 | -.00163 | -.00055 | -.00598 | .0025 | .00006 | -.13934 |
| #2 | -.00246 | .00680 | -.00104 | -.00070 | -.00418 | .0025 | .00011 | .79426  |

Sample Name: PB105485BL      Acquired: 1/4/2018 16:51:30      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |
|--------|--------|
| Elem   | U_3859 |
| Units  | ppm    |
| Avg    | .38292 |
| Stddev | 6.1150 |
| %RSD   | 1597.0 |

|    |         |
|----|---------|
| #1 | 4.7069  |
| #2 | -3.9411 |

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | ln2306 | ln2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2677.1 | 42394. | 3775.5 | 36.961 | 3135.0 |
| Stddev    | .6     | 108.   | 37.6   | 2.697  | 2.2    |
| %RSD      | .02074 | .25501 | .99592 | 3.1010 | .06902 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2676.7 | 42318. | 3748.9 | 85.055 | 3133.5 |
| #2 | 2677.5 | 42471. | 3802.1 | 88.868 | 3136.5 |



Sample Name: PB105485BS      Acquired: 1/4/2018 16:56:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .78498 | 1.9254 | .95166 | 1.9465 | .79397 | 1.9908 | .20999 |
| Stddev | .00861 | .0083  | .00485 | .0145  | .00487 | .0072  | .00396 |
| %RSD   | 1.0963 | .43283 | .51003 | .74343 | .61386 | .35948 | 1.8878 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .79107 | 1.9313 | .95509 | 1.9567 | .79741 | 1.9857 | .21280 |
| #2 | .77890 | 1.9195 | .94823 | 1.9362 | .79052 | 1.9958 | .20719 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19549 | .19022 | 1.0757 | .40674 | .19335 | .31194 | 3.0354 |
| Stddev | .00137 | .00043 | .0310  | .00085 | .00020 | .00134 | .0123  |
| %RSD   | .70125 | .22725 | 2.8797 | .20854 | .10405 | .42926 | .40495 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .19452 | .19052 | 1.0976 | .40614 | .19321 | .31289 | 3.0441 |
| #2 | .19646 | .18991 | 1.0538 | .40734 | .19349 | .31100 | 3.0267 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21119 | 2.0891 | .48654 | .07097 | 3.0399 | .30939 | .21043 |
| Stddev | .00050 | .0382  | .00160 | .00044 | .0291  | .00158 | .00131 |
| %RSD   | .23512 | 1.8298 | .32940 | .61822 | .95866 | .50960 | .62247 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21084 | 2.1161 | .48767 | .07066 | 3.0605 | .30828 | .20950 |
| #2 | .21154 | 2.0621 | .48541 | .07128 | 3.0192 | .31051 | .21136 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.376 | .42169 | .31244 | .16789 | .94569 | .66429 | .20961 |
| Stddev | .175   | .00083 | .01003 | .00230 | .02875 | .00066 | .00478 |
| %RSD   | 1.6889 | .19585 | 3.2092 | 1.3691 | 3.0400 | .09875 | 2.2814 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.500 | .42227 | .31953 | .16951 | .96601 | .66382 | .21299 |
| #2 | 10.252 | .42110 | .30535 | .16626 | .92536 | .66475 | .20623 |

Sample Name: PB105485BS      Acquired: 1/4/2018 16:56:13      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|           |         |         |         |         |        |
|-----------|---------|---------|---------|---------|--------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859 |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm    |
| Avg       | .20568  | 5.092   | .20575  | F<00000 | 12.714 |
| Stddev    | .00487  | .021    | .00475  | .06845  | .248   |
| %RSD      | 2.3700  | .3432   | 2.3063  | 6.4215  | 1.9535 |
| #1        | .20913  | 6.107   | .20910  | -1.1144 | 12.890 |
| #2        | .20224  | 6.077   | .20239  | -1.0176 | 12.539 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S  |
| Avg       | 2664.0  | 40944.  | 3754.7  | 37.423  | 3132.1 |
| Stddev    | 12.9    | 24.     | 62.0    | .350    | 12.9   |
| %RSD      | .48376  | .05859  | 1.6507  | .40049  | .41084 |
| #1        | 2654.9  | 40927.  | 3710.8  | 87.670  | 3123.0 |
| #2        | 2673.1  | 40961.  | 3798.5  | 87.175  | 3141.2 |

Sample Name: PB105485TB      Acquired: 1/4/2018 17:00:43      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB105485TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00429 | .00304 | .00143 | .00202 | .00387 | .03734 | .00116 |
| Stddev | .00399 | .00184 | .00057 | .00296 | .00044 | .00608 | .00013 |
| %RSD   | 93.004 | 60.282 | 40.237 | 146.71 | 11.420 | 16.295 | 11.351 |

|    |         |         |        |         |        |        |         |
|----|---------|---------|--------|---------|--------|--------|---------|
| #1 | -.00147 | -.00175 | .00102 | .00411  | .00418 | .03304 | -.00125 |
| #2 | -.00711 | -.00434 | .00183 | -.00008 | .00355 | .04164 | -.00107 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00010 | .00220 | .00693 | .00032 | .00061 | .03190 |
| Stddev | .00003 | .00001 | .00461 | .00024 | .00037 | .00032 | .02551 |
| %RSD   | 30.265 | 6.5363 | 209.80 | 3.4210 | 115.80 | 52.616 | 79.949 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00007 | -.00010 | -.00106 | .00710 | -.00059 | .00084 | .01387 |
| #2 | -.00011 | -.00011 | .00546  | .00676 | -.00006 | .00038 | .04994 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | .03623 | .00103 | .00020 | 392.40 | .00088 | .00009 |
| Stddev | .00008 | .00661 | .00014 | .00004 | 1.42   | .00045 | .00015 |
| %RSD   | 33.528 | 18.239 | 13.269 | 18.735 | .36161 | 51.674 | 162.66 |

|    |        |         |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|---------|
| #1 | .00028 | -.03155 | .00094 | .00023 | 393.40 | .00056 | -.00001 |
| #2 | .00017 | -.04090 | .00113 | .00017 | 391.40 | .00120 | .00019  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02729 | .00128 | .00301 | .00931 | .02190 | .00201 | .00072 |
| Stddev | .01604 | .00000 | .00353 | .00521 | .01653 | .00180 | .00131 |
| %RSD   | 58.783 | .13309 | 117.28 | 55.964 | 75.472 | 89.622 | 181.09 |

|    |        |         |         |        |        |        |         |
|----|--------|---------|---------|--------|--------|--------|---------|
| #1 | .01595 | -.00128 | -.00550 | .01299 | .03359 | .00074 | .00020  |
| #2 | .03864 | -.00127 | -.00051 | .00562 | .01021 | .00328 | -.00165 |

Sample Name: PB105485TB      Acquired: 1/4/2018 17:00:43      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB105485TB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |          |
|--------|--------|--------|--------|---------|----------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859   |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm      |
| Avg    | .00332 | .0050  | .00005 | <.00000 | F<.00000 |
| Stddev | .00080 | .0005  | .00002 | .93967  | .88879   |
| %RSD   | 24.006 | 10.21  | 39.554 | 487.74  | 2.5815   |

|    |         |       |        |         |         |
|----|---------|-------|--------|---------|---------|
| #1 | -.00389 | .0047 | .00004 | .47179  | -35.058 |
| #2 | -.00276 | .0054 | .00007 | -.85711 | -33.801 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2555.3  | 38480.  | 3819.8  | 33.811 | 2845.6 |
| Stddev    | .8      | 23.     | 45.0    | 1.732  | 2.0    |
| %RSD      | .03213  | .06007  | 1.1781  | 2.0670 | .07132 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2555.9 | 38497. | 3788.0 | 82.586 | 2844.1 |
| #2 | 2554.8 | 38464. | 3851.6 | 85.036 | 2847.0 |

Sample Name: J1011-02      Acquired: 1/4/2018 17:06:02      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00288 | .00482 | .03515 | .00191 | .00045 | .20837 | .17347 |
| Stddev | .00028 | .00053 | .00134 | .00032 | .00124 | .00030 | .00025 |
| %RSD   | 9.8390 | 11.088 | 3.8154 | 16.663 | 277.93 | .14280 | .14170 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00268 | -.00520 | .03420 | .00169 | .00043  | .20816 | .17330 |
| #2 | -.00308 | -.00444 | .03610 | .00214 | -.00133 | .20858 | .17365 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00056 | 57.983 | .00021 | .00514 | .01452 | .07037 |
| Stddev | .00001 | .00000 | .203   | .00010 | .00003 | .00065 | .00754 |
| %RSD   | 11.537 | .29440 | .35049 | 48.890 | .54776 | 4.4888 | 10.720 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00010 | .00056 | 57.839 | .00014 | .00512 | .01498 | .07570 |
| #2 | .00012 | .00056 | 58.126 | .00029 | .00516 | .01406 | .06504 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4578 | 1.8719 | .00343 | .00037 | 368.45 | .00065 | .04564 |
| Stddev | .0007  | .0344  | .00004 | .00088 | 4.35   | .00013 | .00047 |
| %RSD   | .04656 | 1.8392 | 1.0586 | 241.72 | 1.1816 | 20.640 | 1.0321 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.4573 | 1.8962 | .00345 | -.00026 | 365.38 | .00074 | .04598 |
| #2 | 1.4583 | 1.8475 | .00340 | .00099  | 371.53 | .00055 | .04531 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .76303 | .00144 | .00642 | .91249 | 3.6912 | .00077 | .00219 |
| Stddev | .01022 | .00007 | .00321 | .00594 | .0268  | .00126 | .00127 |
| %RSD   | 1.3391 | 4.7483 | 49.992 | .65111 | .72547 | 163.97 | 57.671 |

|    |        |         |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|---------|--------|
| #1 | .75581 | -.00148 | .00869 | .90829 | 3.7101 | -.00012 | .00130 |
| #2 | .77026 | -.00139 | .00415 | .91669 | 3.6723 | .00166  | .00309 |

Sample Name: J1011-02      Acquired: 1/4/2018 17:06:02      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00373 | .0055  | .22892 | 5.8575 | F<00000 |
| Stddev | .00021 | .0001  | .00077 | .5411  | .51900  |
| %RSD   | 5.6827 | 1.799  | .33458 | 9.2376 | 1.8736  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00388 | .0054 | .22838 | 6.2401 | -28.067 |
| #2 | -.00358 | .0055 | .22947 | 5.4749 | -27.333 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2549.1  | 38569.  | 3824.3  | 35.958 | 2803.7 |
| Stddev    | 1.9     | 3.      | 3.2     | .468   | 3.0    |
| %RSD      | .07309  | .00682  | .08345  | .54450 | .10845 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2550.4 | 38571. | 3822.1 | 85.627 | 2801.5 |
| #2 | 2547.7 | 38567. | 3826.6 | 86.289 | 2805.8 |

Sample Name: J1011-02DUP      Acquired: 1/4/2018 17:11:33      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00099 | .00507 | .03392 | .00123 | .00060 | .21145 | .17409 |
| Stddev | .00047 | .00133 | .00085 | .00096 | .00026 | .00116 | .00119 |
| %RSD   | 46.935 | 26.234 | 2.5095 | 77.802 | 42.810 | .54677 | .68510 |

|    |        |         |        |        |         |        |        |
|----|--------|---------|--------|--------|---------|--------|--------|
| #1 | .00066 | -.00601 | .03452 | .00055 | -.00042 | .21226 | .17325 |
| #2 | .00132 | -.00413 | .03332 | .00191 | -.00078 | .21063 | .17494 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00061 | 57.739 | .00048 | .00477 | .01485 | .06559 |
| Stddev | .00003 | .00000 | .006   | .00018 | .00016 | .00052 | .00364 |
| %RSD   | 23.163 | .42866 | .01107 | 37.448 | 3.2569 | 3.5036 | 5.5486 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00014 | .00061 | 57.735 | .00061 | .00488 | .01448 | .06302 |
| #2 | .00010 | .00061 | 57.744 | .00036 | .00466 | .01522 | .06816 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4520 | 1.8213 | .00280 | .00017 | 372.13 | .00045 | .04616 |
| Stddev | .0032  | .0023  | .00019 | .00046 | 3.92   | .00016 | .00105 |
| %RSD   | .22170 | .12657 | 6.6357 | 263.92 | 1.0527 | 35.111 | 2.2743 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 1.4497 | 1.8229 | .00267 | .00050  | 369.36 | .00034 | .04691 |
| #2 | 1.4543 | 1.8196 | .00293 | -.00015 | 374.90 | .00056 | .04542 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .75896 | .00151 | .00420 | .90976 | 3.6863 | .00085 | .00176 |
| Stddev | .00243 | .00041 | .00721 | .00121 | .0386  | .00053 | .00368 |
| %RSD   | .31962 | 27.508 | 171.65 | .13328 | 1.0474 | 62.710 | 208.59 |

|    |        |         |         |        |        |        |         |
|----|--------|---------|---------|--------|--------|--------|---------|
| #1 | .75724 | -.00121 | .00930  | .90891 | 3.6590 | .00047 | .00436  |
| #2 | .76067 | -.00180 | -.00090 | .91062 | 3.7136 | .00123 | -.00084 |

Sample Name: J1011-02DUP      Acquired: 1/4/2018 17:11:33      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .00234  | .0019   | .22891  | 5.7876 | F<00000 |
| Stddev    | .00228  | .0003   | .00070  | .5702  | .51215  |
| %RSD      | 97.268  | 13.82   | .30697  | 9.8524 | 1.7698  |
| #1        | -.00396 | .0021   | .22841  | 5.3844 | -28.576 |
| #2        | -.00073 | .0017   | .22941  | 6.1908 | -29.300 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2545.7  | 38768.  | 3853.4  | 35.226 | 2802.4  |
| Stddev    | 6.0     | 67.     | 17.5    | 1.799  | 10.1    |
| %RSD      | .23728  | .17242  | .45464  | 2.1104 | .35984  |
| #1        | 2541.4  | 38720.  | 3841.0  | 83.954 | 2795.2  |
| #2        | 2550.0  | 38815.  | 3865.7  | 86.498 | 2809.5  |



Sample Name: J1011-02LX5      Acquired: 1/4/2018 17:16:53      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | .00107 | .00693 | .00065 | .00076 | .03846 | .03555 |
| Stddev | .00025 | .00199 | .00000 | .00022 | .00056 | .00363 | .00060 |
| %RSD   | 86.871 | 186.73 | .04020 | 33.734 | 73.650 | 9.4505 | 1.6785 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00011 | .00034  | .00693 | -.00081 | .00036 | .04103 | .03513 |
| #2 | .00047 | -.00248 | .00693 | -.00050 | .00116 | .03589 | .03597 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00003 | 11.982 | .00052 | .00116 | .00290 | .01330 |
| Stddev | .00003 | .00002 | .289   | .00027 | .00006 | .00053 | .00746 |
| %RSD   | 102.71 | 54.302 | 2.4094 | 52.490 | 4.7285 | 18.277 | 56.075 |

|    |         |        |        |         |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.00005 | .00004 | 11.778 | -.00071 | .00113 | .00328 | .00803 |
| #2 | -.00001 | .00002 | 12.186 | -.00032 | .00120 | .00253 | .01857 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29752 | .40207 | .00025 | .00015 | .76382 | .00032 | .01267 |
| Stddev | .00078 | .06075 | .00049 | .00043 | 1.571  | .00024 | .00042 |
| %RSD   | .26154 | 15.108 | 194.95 | 295.77 | 2.0573 | 74.968 | 3.3359 |

|    |        |        |         |         |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|
| #1 | .29807 | .35912 | .00060  | .00016  | .75271 | .00048 | .01237 |
| #2 | .29697 | .44503 | -.00010 | -.00045 | .77494 | .00015 | .01297 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17208 | .00112 | .00921 | .17297 | .79220 | .00003 | .00078 |
| Stddev | .01561 | .00012 | .00943 | .00044 | .02271 | .00052 | .00104 |
| %RSD   | 9.0711 | 10.392 | 102.34 | .25178 | 2.8671 | 1863.0 | 134.04 |

|    |        |         |         |        |        |         |        |
|----|--------|---------|---------|--------|--------|---------|--------|
| #1 | .16104 | -.00120 | -.01588 | .17327 | .80826 | .00039  | .00152 |
| #2 | .18311 | -.00104 | -.00255 | .17266 | .77614 | -.00034 | .00004 |

Sample Name: J1011-02LX5      Acquired: 1/4/2018 17:16:53      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00369 | .0003  | .04667 | .87558 | F<00000 |
| Stddev | .00040 | .0000  | .00090 | .23986 | .10534  |
| %RSD   | 10.856 | 3.782  | 1.9338 | 27.394 | 1.2484  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00341 | .0002 | .04604 | 1.0452 | -8.5126 |
| #2 | -.00398 | .0003 | .04731 | .70598 | -8.3636 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2664.9  | 40160.  | 3732.1  | 36.420 | 3027.2 |
| Stddev    | 29.3    | 243.    | 58.6    | .823   | 29.2   |
| %RSD      | 1.0979  | .60464  | 1.5696  | .95262 | .96448 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2685.6 | 39988. | 3773.6 | 87.002 | 3047.8 |
| #2 | 2644.2 | 40332. | 3690.7 | 85.837 | 3006.5 |

Sample Name: J1011-02MS      Acquired: 1/4/2018 17:22:01      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .86313 | 1.9734 | 1.0393 | 2.1598 | .85470 | 2.4756 | .39732 |
| Stddev | .00377 | .0043  | .0032  | .0085  | .00690 | .0245  | .00142 |
| %RSD   | .43661 | .21884 | .30780 | .39396 | .80761 | .98754 | .35711 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .86580 | 1.9704 | 1.0416 | 2.1658 | .85959 | 2.4583 | .39632 |
| #2 | .86047 | 1.9765 | 1.0370 | 2.1538 | .84982 | 2.4929 | .39833 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21665 | .20940 | 59.055 | .42594 | .21425 | .32851 | 3.3679 |
| Stddev | .00306 | .00011 | .206   | .00543 | .00050 | .00008 | .0418  |
| %RSD   | 1.4115 | .05450 | .34815 | 1.2752 | .23432 | .02456 | 1.2423 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21448 | .20948 | 58.909 | .42210 | .21461 | .32845 | 3.3384 |
| #2 | .21881 | .20932 | 59.200 | .42978 | .21390 | .32856 | 3.3975 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6393 | 3.9593 | .52567 | .07518 | 370.03 | .32901 | .26812 |
| Stddev | .0190  | .0709  | .00069 | .00073 | .03    | .00295 | .00476 |
| %RSD   | 1.1613 | 1.7918 | .13080 | .96545 | .00793 | .89575 | 1.7767 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6258 | 3.9091 | .52518 | .07467 | 370.05 | .32693 | .26475 |
| #2 | 1.6527 | 4.0094 | .52616 | .07570 | 370.01 | .33110 | .27149 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 12.017 | .44899 | .34487 | .87422 | 4.6569 | .72495 | .22256 |
| Stddev | .016   | .00023 | .00367 | .00138 | .0137  | .00193 | .00170 |
| %RSD   | .13556 | .05031 | 1.0629 | .15773 | .29489 | .26566 | .76434 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.005 | .44915 | .34228 | .87519 | 4.6471 | .72359 | .22136 |
| #2 | 12.028 | .44883 | .34747 | .87324 | 4.6666 | .72632 | .22376 |

Sample Name: J1011-02MS      Acquired: 1/4/2018 17:22:01      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .22344  | 7.227   | .44524  | 4.0123 | F<00000 |
| Stddev    | .00175  | .001    | .00040  | .7199  | 1.4961  |
| %RSD      | .78189  | .0187   | .08920  | 17.942 | 6.6138  |
| #1        | .22221  | 7.226   | .44496  | 3.5033 | -23.680 |
| #2        | .22468  | 7.227   | .44552  | 4.5214 | -21.564 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2527.3  | 38509.  | 3731.7  | 31.543 | 2789.9  |
| Stddev    | 10.7    | 284.    | 4.6     | 1.420  | 6.9     |
| %RSD      | .42349  | .73840  | .12396  | 1.7414 | .24591  |
| #1        | 2519.8  | 38710.  | 3735.0  | 82.547 | 2785.1  |
| #2        | 2534.9  | 38308.  | 3728.4  | 80.539 | 2794.8  |

Sample Name: J1011-02MSD      Acquired: 1/4/2018 17:27:09      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .86202 | 1.9770 | 1.0378 | 2.1575 | .85224 | 2.4559 | .39830 |
| Stddev | .00846 | .0010  | .0034  | .0089  | .00335 | .0207  | .00147 |
| %RSD   | .98090 | .04942 | .32935 | .41001 | .39341 | .84247 | .36981 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .85604 | 1.9763 | 1.0402 | 2.1638 | .85461 | 2.4413 | .39934 |
| #2 | .86799 | 1.9776 | 1.0353 | 2.1513 | .84987 | 2.4705 | .39726 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21818 | .20909 | 59.203 | .43081 | .21486 | .32861 | 3.3920 |
| Stddev | .00029 | .00063 | .162   | .00046 | .00005 | .00025 | .0090  |
| %RSD   | .13498 | .30085 | .27359 | .10625 | .02510 | .07672 | .26643 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21798 | .20953 | 59.318 | .43113 | .21482 | .32879 | 3.3856 |
| #2 | .21839 | .20864 | 59.089 | .43048 | .21490 | .32844 | 3.3984 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6446 | 3.9603 | .52353 | .07569 | 372.67 | .33088 | .26501 |
| Stddev | .0018  | .0376  | .00255 | .00017 | .76    | .00238 | .00320 |
| %RSD   | .11169 | .94816 | .48800 | .21847 | .20475 | .71928 | 1.2076 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6433 | 3.9337 | .52534 | .07580 | 372.13 | .32920 | .26274 |
| #2 | 1.6459 | 3.9868 | .52172 | .07557 | 373.21 | .33256 | .26727 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.944 | .44851 | .34318 | .86640 | 4.6660 | .72989 | .22110 |
| Stddev | .038   | .00043 | .00262 | .00519 | .0180  | .00018 | .00191 |
| %RSD   | .31701 | .09482 | .76399 | .59856 | .38469 | .02458 | .86377 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.971 | .44881 | .34133 | .86273 | 4.6533 | .72977 | .21975 |
| #2 | 11.917 | .44821 | .34504 | .87007 | 4.6787 | .73002 | .22245 |

Sample Name: J1011-02MSD      Acquired: 1/4/2018 17:27:09      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318 Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .22232  | 7.230   | .44606  | 3.8296 | F<00000 |
| Stddev    | .00146  | .024    | .00045  | .5648  | 1.8980  |
| %RSD      | .65487  | .3313   | .10174  | 14.747 | 10.271  |
| #1        | .22129  | 7.247   | .44638  | 3.4303 | -19.821 |
| #2        | .22335  | 7.213   | .44574  | 4.2290 | -17.137 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2532.3  | 38557.  | 3749.8  | 32.502 | 2789.9  |
| Stddev    | 3.4     | 60.     | 17.6    | .973   | 6.1     |
| %RSD      | .13599  | .15526  | .46939  | 1.1796 | .22027  |
| #1        | 2529.9  | 38515.  | 3737.3  | 83.190 | 2785.6  |
| #2        | 2534.7  | 38600.  | 3762.2  | 81.814 | 2794.3  |

Sample Name: J1011-02A      Acquired: 1/4/2018 17:32:17      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSA6415      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .73264 | 1.6852 | .89692 | 1.8360 | .72585 | 2.1117 | .36383 |
| Stddev | .00457 | .0037  | .00495 | .0183  | .00376 | .0139  | .00079 |
| %RSD   | .62433 | .21936 | .55242 | .99561 | .51800 | .65970 | .21786 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .72940 | 1.6878 | .90042 | 1.8490 | .72319 | 2.1018 | .36327 |
| #2 | .73587 | 1.6826 | .89341 | 1.8231 | .72851 | 2.1215 | .36439 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18636 | .17804 | 59.829 | .36442 | .18247 | .28124 | 2.7349 |
| Stddev | .00029 | .00009 | .455   | .00178 | .00025 | .00030 | .0015  |
| %RSD   | .15639 | .05140 | .76003 | .48809 | .13674 | .10620 | .05388 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18615 | .17810 | 59.507 | .36316 | .18229 | .28145 | 2.7359 |
| #2 | .18657 | .17797 | 60.151 | .36568 | .18265 | .28103 | 2.7338 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.6498 | 3.6730 | .44407 | .06485 | 379.92 | .27937 | .22559 |
| Stddev | .0017  | .0145  | .00000 | .00046 | 1.23   | .00134 | .00252 |
| %RSD   | .10044 | .39422 | .00109 | .70798 | .32297 | .47917 | 1.1191 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6486 | 3.6627 | .44407 | .06452 | 380.79 | .27842 | .22737 |
| #2 | 1.6510 | 3.6832 | .44407 | .06517 | 379.05 | .28031 | .22380 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.242 | .38096 | .29526 | .90948 | 4.5799 | .62710 | .18697 |
| Stddev | .004   | .00023 | .00348 | .00022 | .0292  | .00197 | .00132 |
| %RSD   | .04333 | .05990 | 1.1801 | .02378 | .63853 | .31441 | .70670 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.239 | .38079 | .29280 | .90964 | 4.5592 | .62571 | .18790 |
| #2 | 10.245 | .38112 | .29773 | .90933 | 4.6005 | .62849 | .18603 |

Sample Name: J1011-02A      Acquired: 1/4/2018 17:32:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA6415      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .18303  | 5.220   | .41347  | 4.5414 | F<00000 |
| Stddev    | .00118  | .000    | .00124  | .0908  | 3.2627  |
| %RSD      | .64641  | .0048   | .29878  | 1.9991 | 15.115  |
| #1        | .18219  | 6.220   | .41260  | 4.6056 | -23.893 |
| #2        | .18386  | 6.220   | .41435  | 4.4772 | -19.278 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2557.1  | 38867.  | 3815.8  | 36.681 | 2810.6  |
| Stddev    | 3.8     | 39.     | 6.9     | 1.178  | 7.0     |
| %RSD      | .14919  | .09985  | .18011  | 1.3591 | .25013  |
| #1        | 2554.4  | 38839.  | 3820.7  | 85.848 | 2805.6  |
| #2        | 2559.8  | 38894.  | 3811.0  | 87.514 | 2815.6  |



Sample Name: J1011-04      Acquired: 1/4/2018 17:37:20      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00533 | .00365 | .01405 | .00395 | .00168 | .15418 | .09319 |
| Stddev | .00238 | .00003 | .00125 | .00394 | .00267 | .00153 | .00048 |
| %RSD   | 44.679 | .80524 | 8.8741 | 99.689 | 159.25 | .99513 | .51588 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00701 | -.00363 | .01317 | .00117 | .00357  | .15310 | .09285 |
| #2 | -.00364 | -.00368 | .01493 | .00674 | -.00021 | .15527 | .09353 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00006 | 22.813 | .00025 | .00221 | .00734 | .91689 |
| Stddev | .00006 | .00006 | .135   | .00021 | .00023 | .00040 | .03441 |
| %RSD   | 384.90 | 89.672 | .59024 | 86.724 | 10.384 | 5.4622 | 3.7526 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00006 | .00002 | 22.718 | .00040 | .00237 | .00762 | .94122 |
| #2 | .00003  | .00011 | 22.908 | .00010 | .00205 | .00706 | .89256 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52242 | 2.0508 | .00168 | .00005 | 370.54 | .00046 | .02658 |
| Stddev | .00208 | .0252  | .00024 | .00039 | .70    | .00019 | .00091 |
| %RSD   | .39780 | 1.2278 | 14.492 | 755.25 | .18882 | 42.074 | 3.4094 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .52389 | 2.0330 | .00186 | -.00033 | 370.04 | .00032 | .02722 |
| #2 | .52095 | 2.0686 | .00151 | .00022  | 371.03 | .00059 | .02594 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .87802 | .00100 | .00415 | .25315 | .48438 | .00235 | .00416 |
| Stddev | .01763 | .00004 | .00663 | .00741 | .00632 | .00079 | .00030 |
| %RSD   | 2.0074 | 3.9156 | 159.71 | 2.9273 | 1.3046 | 33.701 | 7.2968 |

|    |        |         |         |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|
| #1 | .86556 | -.00097 | .00884  | .25839 | .48885 | .00179 | .00395 |
| #2 | .89049 | -.00102 | -.00054 | .24791 | .47991 | .00291 | .00438 |

Sample Name: J1011-04      Acquired: 1/4/2018 17:37:20      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00122 | .0055  | .06498 | 1.6626 | F<00000 |
| Stddev | .00087 | .0005  | .00021 | .5919  | 3.2367  |
| %RSD   | 71.386 | 8.177  | .32948 | 35.599 | 9.1856  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00060 | .0059 | .06483 | 1.2440 | -32.948 |
| #2 | -.00183 | .0052 | .06513 | 2.0811 | -37.525 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2554.1  | 38739.  | 3807.1  | 34.618 | 2829.4 |
| Stddev    | 12.1    | 51.     | 9.1     | 2.873  | 2.7    |
| %RSD      | .47491  | .13132  | .23882  | 3.3958 | .09467 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2545.6 | 38703. | 3800.7 | 82.586 | 2827.5 |
| #2 | 2562.7 | 38775. | 3813.5 | 86.650 | 2831.3 |

Sample Name: CCV07      Acquired: 1/4/2018 17:42:31      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCV12324      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9422 | 4.9534 | 4.9042 | 5.0300 | 5.0062 | 10.100 | 10.111 | .24855 |
| Stddev | .0150  | .0136  | .0108  | .0120  | .0112  | .029   | .013   | .00005 |
| %RSD   | .30336 | .27486 | .22100 | .23900 | .22414 | .29046 | .12622 | .02147 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9316 | 4.9438 | 4.8966 | 5.0215 | 4.9983 | 10.079 | 10.102 | .24859 |
| #2 | 4.9528 | 4.9630 | 4.9119 | 5.0385 | 5.0142 | 10.121 | 10.120 | .24851 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4685 | 25.236 | .98126 | 2.4568 | 1.2523 | 4.9725 | 2.5041 | 24.898 |
| Stddev | .0031  | .128   | .00212 | .0004  | .0043  | .0110  | .0020  | .238   |
| %RSD   | .12412 | .50690 | .21621 | .01643 | .34153 | .22177 | .07910 | .95695 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4663 | 25.145 | .98276 | 2.4565 | 1.2492 | 4.9803 | 2.5027 | 24.729 |
| #2 | 2.4706 | 25.326 | .97976 | 2.4571 | 1.2553 | 4.9647 | 2.5055 | 25.066 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4639 | 1.2125 | 25.045 | 2.4739 | 2.5764 | 25.326 | 5.0421 | 5.1084 |
| Stddev | .0035  | .0047  | .021   | .0046  | .0228  | .102   | .0208  | .0251  |
| %RSD   | .14126 | .38616 | .08252 | .18605 | .88453 | .40343 | .41192 | .49145 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4614 | 1.2158 | 25.030 | 2.4707 | 2.5925 | 25.253 | 5.0274 | 5.0906 |
| #2 | 2.4663 | 1.2091 | 25.059 | 2.4772 | 2.5603 | 25.398 | 5.0568 | 5.1261 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.8852 | 5.0203 | 4.8960 | 4.9933 | 5.0778 | 5.043  | 5.0544 | F2.0126 |
| Stddev | .0113  | .0086  | .0140  | .0038  | .0129  | .014   | .0058  | .3339   |
| %RSD   | .23177 | .17217 | .28524 | .07677 | .25370 | .2682  | .11432 | 16.592  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.8772 | 5.0264 | 4.8861 | 4.9906 | 5.0687 | 5.034 | 5.0585 | 2.2488 |
| #2 | 4.8932 | 5.0142 | 4.9058 | 4.9960 | 5.0869 | 5.053 | 5.0503 | 1.7765 |

Sample Name: CCV07      Acquired: 1/4/2018 17:42:31      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12324      Custom ID2:      Custom ID3:  
 Comment:

Elem      U\_3859  
 Units      ppm  
 Avg      ~~F~~1.5794  
 Stddev      5.8907  
 %RSD      372.98

#1      5.7448  
 #2      -2.5860

| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
|-----------|---------|---------|---------|--------|--------|
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2629.1  | 39981.  | 3803.1  | 34.626 | 2891.6 |
| Stddev    | .4      | 24.     | 8.2     | .933   | 3.2    |
| %RSD      | .01453  | .05970  | .21520  | 1.1024 | .11083 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2628.8 | 39964. | 3808.9 | 83.966 | 2889.3 |
| #2 | 2629.4 | 39998. | 3797.3 | 85.285 | 2893.9 |

Sample Name: CCB07      Acquired: 1/4/2018 17:47:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12324      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |        |        |        |         |        |
|--------|--------|---------|--------|--------|--------|---------|--------|
| Elem   | As1890 | Tl1908  | Pb2203 | Se1960 | Sb2068 | Al3961  | Ba4934 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00063 | -.00152 | .00081 | .00199 | .00394 | -.00440 | .00103 |
| Stddev | .00067 | .00103  | .00224 | .00084 | .00123 | .00958  | .00143 |
| %RSD   | 107.63 | 67.625  | 275.95 | 42.436 | 31.271 | 217.78  | 139.53 |

|    |        |         |         |        |        |         |        |
|----|--------|---------|---------|--------|--------|---------|--------|
| #1 | .00015 | -.00225 | -.00077 | .00258 | .00307 | -.01118 | .00204 |
| #2 | .00110 | -.00079 | .00239  | .00139 | .00482 | .00238  | .00001 |

|        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00006 | .00009 | .00365 | -.00041 | .00010 | .00024 | .01659 |
| Stddev | .00003 | .00013 | .00064 | .00044  | .00017 | .00060 | .00537 |
| %RSD   | 49.131 | 146.24 | 17.620 | 106.93  | 173.87 | 247.33 | 32.378 |

|    |        |        |        |         |         |         |        |
|----|--------|--------|--------|---------|---------|---------|--------|
| #1 | .00008 | .00000 | .00320 | -.00010 | .00022  | .00067  | .02039 |
| #2 | .00004 | .00017 | .00411 | -.00073 | -.00002 | -.00018 | .01279 |

|        |        |         |        |        |         |        |         |
|--------|--------|---------|--------|--------|---------|--------|---------|
| Elem   | Mn2576 | Mg2790  | Ni2316 | Ag3280 | Na5895  | V_2924 | Zn2138  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm     | ppm    | ppm     |
| Avg    | .00002 | -.02841 | .00020 | .00014 | -.05315 | .00021 | -.00029 |
| Stddev | .00003 | .04962  | .00026 | .00005 | .00516  | .00013 | .00005  |
| %RSD   | 113.40 | 174.66  | 133.49 | 36.096 | 9.7055  | 63.088 | 16.442  |

|    |        |         |        |        |         |        |         |
|----|--------|---------|--------|--------|---------|--------|---------|
| #1 | .00000 | .00668  | .00001 | .00010 | -.05680 | .00030 | -.00026 |
| #2 | .00004 | -.06350 | .00038 | .00018 | -.04950 | .00012 | -.00032 |

|        |         |        |         |         |        |         |        |
|--------|---------|--------|---------|---------|--------|---------|--------|
| Elem   | K_7664  | Mo2020 | B_2496  | S_1820  | Si2881 | Sn1899  | Ti3361 |
| Units  | ppm     | ppm    | ppm     | ppm     | ppm    | ppm     | ppm    |
| Avg    | -.00396 | .00083 | -.00472 | -.00193 | .02117 | -.00072 | .00205 |
| Stddev | .03453  | .00055 | .00101  | .00317  | .00699 | .00147  | .00003 |
| %RSD   | 872.11  | 66.424 | 21.464  | 163.96  | 33.002 | 204.75  | 1.4415 |

|    |         |        |         |         |        |         |        |
|----|---------|--------|---------|---------|--------|---------|--------|
| #1 | .02045  | .00122 | -.00401 | -.00417 | .02612 | .00032  | .00203 |
| #2 | -.02837 | .00044 | -.00544 | .00031  | .01623 | -.00175 | .00207 |

Sample Name: CCB07      Acquired: 1/4/2018 17:47:17      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12324      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |         |         |
|--------|--------|--------|--------|---------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670  | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .00336 | .0011  | .00008 | F<00000 | F<00000 |
| Stddev | .00012 | .0004  | .00006 | .06445  | .06349  |
| %RSD   | 3.5501 | 33.31  | 76.522 | 16.234  | 4.3334  |

|    |         |       |        |         |         |
|----|---------|-------|--------|---------|---------|
| #1 | -.00344 | .0013 | .00004 | -.44260 | -1.4201 |
| #2 | -.00327 | .0008 | .00012 | -.35145 | -1.5099 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2719.2  | 40526.  | 3832.3  | 36.195 | 3175.7 |
| Stddev    | 5.8     | 2581.   | 37.5    | .566   | 2.3    |
| %RSD      | .21412  | 6.3695  | .97914  | .65628 | .07328 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2715.1 | 38700. | 3805.8 | 85.795 | 3174.0 |
| #2 | 2723.3 | 42351. | 3858.9 | 86.595 | 3177.3 |

Sample Name: J1011-06      Acquired: 1/4/2018 17:52:24      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00029 | .00498 | .02788 | .00205 | .00078 | .12747 | .09870 |
| Stddev | .00122 | .00019 | .00084 | .00135 | .00112 | .01494 | .00089 |
| %RSD   | 417.70 | 3.8820 | 3.0059 | 65.930 | 143.72 | 11.719 | .90317 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00115 | -.00511 | .02729 | .00110 | .00157  | .11690 | .09934 |
| #2 | .00057  | -.00484 | .02848 | .00301 | -.00001 | .13803 | .09807 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00013 | 49.879 | .00094 | .00226 | .01021 | .19821 |
| Stddev | .00007 | .00011 | .214   | .00047 | .00009 | .00038 | .00026 |
| %RSD   | 300.28 | 84.057 | .42856 | 49.595 | 3.9885 | 3.7538 | .13010 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00003 | .00005 | 49.727 | .00127 | .00232 | .00994 | .19803 |
| #2 | .00007  | .00021 | 50.030 | .00061 | .00220 | .01048 | .19839 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .84892 | .84511 | .00218 | .00005 | 329.76 | .00023 | .03142 |
| Stddev | .00190 | .03661 | .00012 | .00001 | 3.22   | .00023 | .00005 |
| %RSD   | .22396 | 4.3317 | 5.7026 | 19.689 | .97695 | 100.64 | .14483 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .84757 | .87100 | .00227 | -.00006 | 332.04 | .00039 | .03145 |
| #2 | .85026 | .81923 | .00209 | -.00004 | 327.49 | .00007 | .03139 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .82010 | .00102 | .00407 | .34890 | .81078 | .00046 | .00270 |
| Stddev | .00460 | .00012 | .01159 | .00095 | .00047 | .00111 | .00065 |
| %RSD   | .56142 | 11.414 | 284.76 | .27123 | .05811 | 241.86 | 24.197 |

|    |        |         |         |        |        |         |        |
|----|--------|---------|---------|--------|--------|---------|--------|
| #1 | .82336 | -.00110 | -.00413 | .34823 | .81044 | -.00032 | .00224 |
| #2 | .81684 | -.00094 | .01227  | .34957 | .81111 | .00124  | .00317 |

Sample Name: J1011-06      Acquired: 1/4/2018 17:52:24      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-06-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00323 | .0048  | .16918 | 4.7637 | F<00000 |
| Stddev | .00193 | .0015  | .00003 | .2488  | 4.1495  |
| %RSD   | 59.564 | 30.78  | .01545 | 5.2232 | 13.008  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00187 | .0059 | .16919 | 4.5878 | -28.965 |
| #2 | -.00459 | .0038 | .16916 | 4.9396 | -34.833 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2549.3  | 38837.  | 3834.5  | 34.715 | 2823.7 |
| Stddev    | 12.0    | 32.     | .1      | .718   | 13.5   |
| %RSD      | .46901  | .08347  | .00307  | .84783 | .47779 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2540.9 | 38860. | 3834.5 | 84.207 | 2814.2 |
| #2 | 2557.8 | 38814. | 3834.4 | 85.223 | 2833.3 |



Sample Name: J1011-08      Acquired: 1/4/2018 17:57:35      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: HR-05-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00221 | .00474 | .02661 | .00434 | .00155 | .23211 | .06283 |
| Stddev | .00472 | .00016 | .00289 | .00045 | .00285 | .00898 | .00017 |
| %RSD   | 214.17 | 3.2896 | 10.841 | 10.346 | 183.58 | 3.8675 | .27323 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | .00113  | -.00485 | .02457 | .00402 | .00357  | .22577 | .06271 |
| #2 | -.00555 | -.00463 | .02865 | .00466 | -.00046 | .23846 | .06295 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00226 | 3.6821 | .00078 | .00313 | .01638 | .12640 |
| Stddev | .00003 | .00012 | .0084  | .00019 | .00057 | .00026 | .01347 |
| %RSD   | 64.198 | 5.3401 | .22864 | 24.393 | 18.159 | 1.5836 | 10.653 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00003 | .00217 | 3.6761 | .00065 | .00273 | .01656 | .13592 |
| #2 | .00007 | .00234 | 3.6881 | .00092 | .00354 | .01620 | .11688 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .13337 | 1.3921 | .00232 | .00047 | 346.54 | .00033 | .12772 |
| Stddev | .00022 | .0770  | .00081 | .00021 | 3.36   | .00022 | .00325 |
| %RSD   | .16317 | 5.5278 | 34.845 | 43.541 | .96883 | 65.212 | 2.5477 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13352 | 1.4466 | .00290 | .00033 | 344.17 | .00048 | .13002 |
| #2 | .13322 | 1.3377 | .00175 | .00062 | 348.92 | .00018 | .12541 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4137 | .00107 | .00352 | .12399 | .75406 | .00169 | .00212 |
| Stddev | .0312  | .00039 | .01337 | .00288 | .00152 | .00010 | .00087 |
| %RSD   | 2.2036 | 36.551 | 379.47 | 2.3251 | .20096 | 6.1785 | 41.256 |

|    |        |         |         |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|
| #1 | 1.4357 | -.00080 | .01298  | .12195 | .75513 | .00162 | .00150 |
| #2 | 1.3917 | -.00135 | -.00593 | .12602 | .75299 | .00177 | .00274 |

Sample Name: J1011-08      Acquired: 1/4/2018 17:57:35      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: HR-05-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00222 | .0165  | .01055 | .22360 | F<00000 |
| Stddev | .00018 | .0009  | .00008 | .02065 | .17465  |
| %RSD   | 8.2789 | 5.545  | .76072 | 9.2352 | .55516  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00235 | .0159 | .01061 | .23821 | -31.335 |
| #2 | -.00209 | .0172 | .01050 | .20900 | -31.582 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2587.8  | 38906.  | 3803.6  | 34.766 | 2874.6 |
| Stddev    | 9.2     | 6.      | 13.1    | 2.485  | 13.9   |
| %RSD      | .35520  | .01652  | .34361  | 2.9310 | .48195 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2581.3 | 38901. | 3794.4 | 83.009 | 2864.8 |
| #2 | 2594.3 | 38911. | 3812.9 | 86.523 | 2884.4 |

Sample Name: J1012-02      Acquired: 1/4/2018 18:02:46      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00146 | .00459 | .03890 | .00235 | .00012 | .15836 | .21002 |
| Stddev | .00052 | .00116 | .00156 | .00033 | .00173 | .00641 | .00192 |
| %RSD   | 35.429 | 25.323 | 4.0032 | 13.866 | 1410.3 | 4.0458 | .91461 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00110 | -.00377 | .04000 | .00212 | .00134  | .15383 | .20866 |
| #2 | -.00183 | -.00541 | .03780 | .00258 | -.00110 | .16289 | .21138 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00031 | 45.491 | .00280 | .00741 | .00348 | .76776 |
| Stddev | .00004 | .00011 | .219   | .00040 | .00018 | .00008 | .02204 |
| %RSD   | 241.83 | 36.241 | .48220 | 14.309 | 2.3806 | 2.3706 | 2.8710 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | .00039 | 45.336 | .00251 | .00754 | .00342 | .75218 |
| #2 | .00004  | .00023 | 45.646 | .00308 | .00729 | .00354 | .78335 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77256 | 5.2354 | .00627 | .00021 | 399.07 | .00030 | .08513 |
| Stddev | .00323 | .0050  | .00055 | .00021 | 5.46   | .00029 | .00286 |
| %RSD   | .41797 | .09651 | 8.7739 | 104.06 | 1.3672 | 96.821 | 3.3629 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .77028 | 5.2318 | .00588 | -.00005 | 395.22 | .00051 | .08310 |
| #2 | .77484 | 5.2390 | .00666 | -.00036 | 402.93 | .00010 | .08715 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0625 | .00134 | .00660 | .73081 | 1.2092 | .00203 | .00176 |
| Stddev | .0241  | .00039 | .00151 | .00678 | .0277  | .00043 | .00042 |
| %RSD   | 1.1703 | 29.519 | 22.878 | .92721 | 2.2886 | 21.464 | 23.590 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 2.0796 | -.00106 | .00553 | .72602 | 1.2288 | .00172 | .00147 |
| #2 | 2.0454 | -.00162 | .00766 | .73561 | 1.1897 | .00233 | .00206 |

Sample Name: J1012-02      Acquired: 1/4/2018 18:02:46      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00044 | .0077  | .25513 | 4.6134 | F<00000 |
| Stddev | .00008 | .0008  | .00022 | .7302  | 2.5947  |
| %RSD   | 19.069 | 10.44  | .08429 | 15.827 | 7.5140  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00050 | .0083 | .25498 | 5.1297 | -36.367 |
| #2 | -.00038 | .0071 | .25529 | 4.0971 | -32.697 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2525.5  | 38492.  | 3836.3  | 34.825 | 2786.4 |
| Stddev    | 19.8    | 88.     | 4.6     | 2.603  | 23.8   |
| %RSD      | .78347  | .22821  | .12103  | 3.0688 | .85590 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2539.5 | 38554. | 3839.6 | 86.666 | 2803.3 |
| #2 | 2511.5 | 38430. | 3833.0 | 82.984 | 2769.6 |

Sample Name: J1012-04      Acquired: 1/4/2018 18:07:57      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00258 | .00593 | .02262 | .00374 | .00042 | .19501 | .18244 |
| Stddev | .00200 | .00116 | .00010 | .00002 | .00013 | .00273 | .00010 |
| %RSD   | 77.411 | 19.529 | .42191 | .47845 | 30.425 | 1.4024 | .05400 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00399 | -.00511 | .02255 | .00375 | .00051 | .19308 | .18251 |
| #2 | -.00117 | -.00675 | .02268 | .00372 | .00033 | .19695 | .18237 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00008 | 45.401 | .00114 | .00818 | .00759 | 1.9785 |
| Stddev | .00009 | .00003 | .145   | .00047 | .00001 | .00034 | .0056  |
| %RSD   | 73.519 | 38.317 | .31880 | 41.622 | .09792 | 4.4767 | .28284 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00019 | .00011 | 45.299 | .00080 | .00818 | .00783 | 1.9824 |
| #2 | .00006 | .00006 | 45.503 | .00147 | .00817 | .00735 | 1.9745 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77115 | 4.4945 | .00521 | .00015 | 422.17 | .00073 | .08974 |
| Stddev | .00101 | .0435  | .00051 | .00004 | .14    | .00022 | .00021 |
| %RSD   | .13113 | .96726 | 9.7757 | 25.560 | .03266 | 29.919 | .23734 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .77187 | 4.4637 | .00557 | .00012 | 422.07 | .00088 | .08959 |
| #2 | .77044 | 4.5252 | .00485 | .00018 | 422.27 | .00057 | .08989 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.6419 | .00098 | .00893 | .76654 | 1.6348 | .00104 | .00204 |
| Stddev | .0100  | .00040 | .00897 | .00239 | .0063  | .00045 | .00025 |
| %RSD   | .37848 | 40.974 | 100.37 | .31134 | .38391 | 43.066 | 12.269 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 2.6349 | -.00126 | .01527 | .76485 | 1.6393 | .00072 | .00186 |
| #2 | 2.6490 | -.00069 | .00259 | .76823 | 1.6304 | .00136 | .00222 |

Sample Name: J1012-04      Acquired: 1/4/2018 18:07:57      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00046 | .0065  | .17684 | 4.4476 | F<00000 |
| Stddev | .00112 | .0013  | .00021 | .4807  | .68358  |
| %RSD   | 243.50 | 20.35  | .11683 | 10.807 | 2.0158  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00033 | .0075 | .17699 | 4.1077 | -34.394 |
| #2 | .00125  | .0056 | .17670 | 4.7874 | -33.428 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2542.0  | 38363.  | 3807.5  | 34.434 | 2795.0 |
| Stddev    | 1.6     | 171.    | 7.4     | .121   | .8     |
| %RSD      | .06164  | .44549  | .19392  | .14388 | .02856 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2543.1 | 38242. | 3802.3 | 84.520 | 2794.5 |
| #2 | 2540.9 | 38484. | 3812.7 | 84.348 | 2795.6 |

Sample Name: J1012-06      Acquired: 1/4/2018 18:13:33      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00298 | .00450 | .01012 | .00049 | .00178 | .19836 | .08869 |
| Stddev | .00125 | .00009 | .00010 | .00052 | .00236 | .00140 | .00159 |
| %RSD   | 41.946 | 1.9711 | .98221 | 105.41 | 132.97 | .70793 | 1.7888 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00210 | -.00444 | .01005 | .00086 | -.00345 | .19935 | .08757 |
| #2 | -.00387 | -.00456 | .01019 | .00013 | -.00011 | .19737 | .08982 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00010 | 23.691 | .00299 | .00268 | .00503 | .14671 |
| Stddev | .00005 | .00007 | .163   | .00062 | .00021 | .00011 | .01175 |
| %RSD   | 123.59 | 69.248 | .68709 | 20.695 | 7.7807 | 2.2271 | 8.0106 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | .00015 | 23.576 | .00342 | .00253 | .00495 | .13840 |
| #2 | .00001 | .00005 | 23.806 | .00255 | .00283 | .00511 | .15502 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .29280 | 3.0992 | .00300 | .00010 | 339.03 | .00039 | .03620 |
| Stddev | .00007 | .0380  | .00041 | .00035 | 2.60   | .00038 | .00038 |
| %RSD   | .02403 | 1.2254 | 13.800 | 340.42 | .76775 | 98.087 | 1.0529 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .29285 | 3.0724 | .00270 | .00035  | 337.19 | .00012 | .03647 |
| #2 | .29275 | 3.1261 | .00329 | -.00014 | 340.87 | .00066 | .03593 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .83060 | .00107 | .00438 | .45845 | 1.0046 | .00103 | .00316 |
| Stddev | .00484 | .00010 | .00150 | .00436 | .0064  | .00022 | .00078 |
| %RSD   | .58316 | 9.5136 | 34.258 | .94995 | .63744 | 21.423 | 24.747 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .82718 | -.00114 | .00544 | .46153 | 1.0091 | .00087 | .00371 |
| #2 | .83403 | -.00100 | .00332 | .45537 | 1.0001 | .00118 | .00261 |

Sample Name: J1012-06      Acquired: 1/4/2018 18:13:33      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00010 | .0083  | .09656 | 1.7905 | F<00000 |
| Stddev | .00012 | .0019  | .00112 | .1818  | 3.7249  |
| %RSD   | 124.53 | 23.01  | 1.1558 | 10.152 | 11.134  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00001 | .0096 | .09577 | 1.6620 | -30.822 |
| #2 | .00018 | .0069 | .09735 | 1.9191 | -36.090 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2544.1  | 38576.  | 3809.7  | 35.907 | 2821.1 |
| Stddev    | 9.1     | 51.     | 12.7    | 1.122  | 15.1   |
| %RSD      | .35886  | .13314  | .33440  | 1.3058 | .53646 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2537.7 | 38612. | 3818.7 | 85.114 | 2810.4 |
| #2 | 2550.6 | 38539. | 3800.7 | 86.700 | 2831.8 |



Sample Name: J1012-08      Acquired: 1/4/2018 18:19:15      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .00565 | .01190 | .00231 | .00063 | .12554 | .13409 |
| Stddev | .00515 | .00051 | .00017 | .00399 | .00211 | .00181 | .00020 |
| %RSD   | 2153.2 | 8.9710 | 1.4635 | 173.17 | 335.61 | 1.4413 | .14644 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00388 | -.00530 | .01178 | -.00052 | .00086  | .12682 | .13395 |
| #2 | .00340  | -.00601 | .01203 | .00513  | -.00212 | .12426 | .13423 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00003 | 53.507 | .00095 | .00397 | .00473 | .65454 |
| Stddev | .00005 | .00008 | .258   | .00056 | .00009 | .00006 | .02127 |
| %RSD   | 49.957 | 303.30 | .48133 | 58.871 | 2.3510 | 1.1983 | 3.2493 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00014 | .00003  | 53.325 | .00135 | .00404 | .00469 | .66958 |
| #2 | .00007 | -.00008 | 53.689 | .00056 | .00391 | .00477 | .63950 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .66749 | 9.3100 | .00316 | .00002 | 333.05 | .00031 | .03407 |
| Stddev | .00328 | .0466  | .00023 | .00047 | 7.12   | .00013 | .00022 |
| %RSD   | .49185 | .50013 | 7.2403 | 2290.3 | 2.1378 | 43.222 | .64341 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .66517 | 9.2771 | .00300 | .00035  | 328.01 | .00040 | .03392 |
| #2 | .66981 | 9.3429 | .00332 | -.00031 | 338.08 | .00021 | .03423 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0188 | .00103 | .00021 | .31095 | .83344 | .00163 | .00142 |
| Stddev | .0194  | .00041 | .00575 | .00785 | .02043 | .00117 | .00033 |
| %RSD   | 1.9074 | 39.307 | 2781.1 | 2.5250 | 2.4515 | 71.848 | 22.930 |

|    |        |         |         |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|
| #1 | 1.0050 | -.00075 | -.00427 | .31651 | .81899 | .00080 | .00165 |
| #2 | 1.0325 | -.00132 | .00386  | .30540 | .84789 | .00246 | .00119 |

Sample Name: J1012-08      Acquired: 1/4/2018 18:19:15      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00117 | .0042  | .17027 | 5.7059 | F<00000 |
| Stddev | .00069 | .0005  | .00072 | .2421  | .67154  |
| %RSD   | 59.339 | 12.90  | .42482 | 4.2430 | 2.4578  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00166 | .0046 | .16976 | 5.5347 | -27.797 |
| #2 | -.00068 | .0038 | .17078 | 5.8771 | -26.848 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2538.8  | 38542.  | 3801.3  | 32.718 | 2802.1 |
| Stddev    | 9.7     | 118.    | 8.8     | .028   | 11.3   |
| %RSD      | .38187  | .30636  | .23215  | .03339 | .40440 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2545.7 | 38625. | 3807.6 | 82.738 | 2810.1 |
| #2 | 2532.0 | 38458. | 3795.1 | 82.699 | 2794.1 |

Sample Name: J1012-10      Acquired: 1/4/2018 18:24:44      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00164 | .00601 | .00832 | .00290 | .00082 | .13375 | .16839 |
| Stddev | .00148 | .00079 | .00126 | .00159 | .00150 | .00292 | .00128 |
| %RSD   | 90.163 | 13.212 | 15.112 | 54.873 | 183.97 | 2.1858 | .76008 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00059 | -.00658 | .00743 | -.00402 | -.00188 | .13168 | .16748 |
| #2 | -.00269 | -.00545 | .00921 | -.00177 | .00025  | .13581 | .16929 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00045 | 34.542 | .00119 | .00554 | .00413 | .02799 |
| Stddev | .00009 | .00007 | .282   | .00005 | .00022 | .00013 | .00700 |
| %RSD   | 49.943 | 14.584 | .43688 | 4.1658 | 3.9472 | 3.1332 | 25.012 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00012 | .00040 | 64.343 | .00122 | .00570 | .00403 | .02304 |
| #2 | .00025 | .00050 | 64.741 | .00115 | .00539 | .00422 | .03294 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .59956 | 4.0369 | .00509 | .00001 | 370.59 | .00026 | .04175 |
| Stddev | .00221 | .0763  | .00010 | .00003 | 7.66   | .00040 | .00041 |
| %RSD   | .36817 | 1.8907 | 1.9750 | 363.59 | 2.0673 | 155.62 | .99318 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .59800 | 3.9830 | .00516 | .00001  | 365.17 | -.00003 | .04204 |
| #2 | .60112 | 4.0909 | .00502 | -.00003 | 376.01 | .00054  | .04145 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3967 | .00133 | .01040 | 1.4856 | 4.3714 | .00165 | .00082 |
| Stddev | .0362  | .00016 | .00384 | .0057  | .0344  | .00096 | .00052 |
| %RSD   | 2.5937 | 11.816 | 36.940 | .38652 | .78692 | 58.306 | 63.287 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 1.3711 | -.00145 | .01311 | 1.4896 | 4.3957 | .00233 | .00045 |
| #2 | 1.4223 | -.00122 | .00768 | 1.4815 | 4.3471 | .00097 | .00118 |

Sample Name: J1012-10      Acquired: 1/4/2018 18:24:44      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00185 | .0049  | .19759 | 5.6288 | F<00000 |
| Stddev | .00126 | .0008  | .00052 | .0181  | 1.2568  |
| %RSD   | 68.192 | 15.93  | .26159 | .27342 | 5.1947  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00096 | .0044 | .19723 | 6.6416 | -23.306 |
| #2 | .00274 | .0055 | .19796 | 6.6160 | -25.083 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2508.8  | 38045.  | 3778.6  | 32.924 | 2770.4 |
| Stddev    | 1.6     | 163.    | 33.5    | .836   | 4.3    |
| %RSD      | .06190  | .42863  | .88777  | 1.0081 | .15438 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2507.7 | 38161. | 3802.3 | 82.332 | 2767.4 |
| #2 | 2509.9 | 37930. | 3754.8 | 83.515 | 2773.4 |

Sample Name: J1012-12      Acquired: 1/4/2018 18:30:19      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00148 | .00409 | .01500 | .00135 | .00100 | .15526 | .13789 |
| Stddev | .00084 | .00076 | .00271 | .00394 | .00134 | .00140 | .00073 |
| %RSD   | 56.501 | 18.506 | 18.052 | 291.05 | 134.48 | .90121 | .53154 |

|    |         |         |        |         |        |        |        |
|----|---------|---------|--------|---------|--------|--------|--------|
| #1 | -.00089 | -.00355 | .01692 | -.00143 | .00005 | .15625 | .13737 |
| #2 | -.00207 | -.00462 | .01309 | .00414  | .00195 | .15427 | .13840 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00021 | 31.383 | .00008 | .00768 | .00863 | .47670 |
| Stddev | .00001 | .00001 | .265   | .00002 | .00044 | .00010 | .01826 |
| %RSD   | 16.465 | 3.7221 | .84551 | 21.903 | 5.7923 | 1.1977 | 3.8298 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00005 | .00020 | 31.195 | .00007 | .00799 | .00856 | .46379 |
| #2 | .00004 | .00022 | 31.570 | .00009 | .00737 | .00871 | .48961 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77467 | 3.2829 | .00421 | .00019 | 338.47 | .00020 | .14156 |
| Stddev | .00062 | .0545  | .00056 | .00029 | 1.92   | .00007 | .00049 |
| %RSD   | .07976 | 1.6594 | 13.217 | 154.61 | .56582 | 36.566 | .34880 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .77423 | 3.2443 | .00460 | .00039  | 337.12 | -.00015 | .14191 |
| #2 | .77510 | 3.3214 | .00382 | -.00002 | 339.83 | -.00026 | .14121 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2884 | .00144 | .00498 | .47275 | 1.3675 | .00058 | .00279 |
| Stddev | .0225  | .00013 | .00037 | .00142 | .0056  | .00001 | .00105 |
| %RSD   | 1.7489 | 9.2736 | 7.5069 | .29934 | .41062 | 2.2650 | 37.427 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 1.2724 | -.00154 | .00524 | .47375 | 1.3715 | .00057 | .00205 |
| #2 | 1.3043 | -.00135 | .00471 | .47175 | 1.3636 | .00059 | .00353 |

Sample Name: J1012-12      Acquired: 1/4/2018 18:30:19      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00007 | .0059  | .11478 | 3.0849 | F<00000 |
| Stddev | .00279 | .0023  | .00080 | 1.4004 | 6.0056  |
| %RSD   | 3735.4 | 38.61  | .69971 | 45.396 | 22.076  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00190 | .0043 | .11421 | 2.0946 | -31.451 |
| #2 | .00205  | .0075 | .11535 | 4.0751 | -22.957 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2543.7  | 38589.  | 3794.3  | 32.616 | 2825.6 |
| Stddev    | 9.1     | 140.    | 16.7    | .177   | 8.6    |
| %RSD      | .35605  | .36262  | .44089  | .21397 | .30518 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2537.3 | 38490. | 3806.2 | 82.491 | 2819.5 |
| #2 | 2550.1 | 38688. | 3782.5 | 82.741 | 2831.7 |

Sample Name: J1012-14      Acquired: 1/4/2018 18:34:37      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00373 | .00508 | .01129 | .00053 | .00186 | .13808 | .17733 |
| Stddev | .00282 | .00108 | .00089 | .00077 | .00124 | .01556 | .00013 |
| %RSD   | 75.402 | 21.290 | 7.8945 | 144.87 | 66.501 | 11.269 | .07345 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00573 | -.00431 | .01066 | .00107  | -.00098 | .14908 | .17724 |
| #2 | -.00174 | -.00584 | .01192 | -.00001 | -.00273 | .12707 | .17742 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00078 | 78.273 | .00018 | .00688 | .01669 | .10737 |
| Stddev | .00014 | .00001 | .075   | .00120 | .00023 | .00007 | .00383 |
| %RSD   | 325.37 | 1.4367 | .09556 | 670.46 | 3.4141 | .43699 | 3.5673 |

|    |         |        |        |         |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|
| #1 | .00014  | .00077 | 78.220 | -.00067 | .00704 | .01664 | .11008 |
| #2 | -.00005 | .00079 | 78.326 | .00102  | .00671 | .01675 | .10466 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2313 | 2.9420 | .00576 | .00033 | 377.28 | .00043 | .07505 |
| Stddev | .0017  | .0437  | .00015 | .00039 | 4.94   | .00010 | .00142 |
| %RSD   | .13505 | 1.4847 | 2.5778 | 118.20 | 1.3102 | 22.529 | 1.8945 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.2301 | 2.9729 | .00587 | .00060 | 373.79 | .00036 | .07606 |
| #2 | 1.2325 | 2.9112 | .00566 | .00005 | 380.78 | .00050 | .07405 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.3223 | .00105 | .00680 | 1.1053 | 2.4706 | .00088 | .00199 |
| Stddev | .0241  | .00046 | .00309 | .0053  | .0114  | .00045 | .00039 |
| %RSD   | 1.8216 | 43.564 | 45.442 | .48079 | .46094 | 51.798 | 19.809 |

|    |        |         |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|---------|
| #1 | 1.3393 | -.00137 | .00898 | 1.1091 | 2.4625 | .00120 | -.00227 |
| #2 | 1.3052 | -.00072 | .00461 | 1.1016 | 2.4786 | .00056 | -.00171 |

Sample Name: J1012-14      Acquired: 1/4/2018 18:34:37      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00204 | .0065  | .28277 | 7.7469 | F<00000 |
| Stddev | .00080 | .0026  | .00061 | .9149  | 4.7672  |
| %RSD   | 39.326 | 39.68  | .21500 | 11.810 | 17.177  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00147 | .0083 | .28234 | 7.0999 | -24.383 |
| #2 | .00260 | .0047 | .28320 | 8.3938 | -31.125 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2511.2  | 38125.  | 3777.1  | 34.433 | 2763.5 |
| Stddev    | 6.0     | 69.     | 4.3     | 1.404  | 11.0   |
| %RSD      | .23742  | .18147  | .11491  | 1.6625 | .39772 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2507.0 | 38174. | 3774.0 | 83.441 | 2755.7 |
| #2 | 2515.4 | 38076. | 3780.1 | 85.426 | 2771.3 |



Sample Name: J1012-16      Acquired: 1/4/2018 18:38:49      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00222 | .00653 | .00334 | .00238 | .00081 | .10684 | .16610 |
| Stddev | .00128 | .00062 | .00135 | .00063 | .00099 | .00224 | .00073 |
| %RSD   | 57.460 | 9.4916 | 40.467 | 26.577 | 121.99 | 2.0947 | .44112 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00132 | -.00609 | .00430 | .00193 | .00011 | .10842 | .16662 |
| #2 | -.00313 | -.00697 | .00239 | .00283 | .00151 | .10525 | .16559 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00007 | 23.867 | .00220 | .01207 | .00838 | .15238 |
| Stddev | .0001  | .00003 | .016   | .00001 | .00016 | .00017 | .01174 |
| %RSD   | 2452.7 | 44.712 | .06888 | .34790 | 1.3571 | 2.0297 | 7.7045 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00005 | .00009 | 23.878 | .00220 | .01195 | .00850 | .14408 |
| #2 | .00004  | .00005 | 23.855 | .00219 | .01218 | .00826 | .16068 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .77180 | 2.0743 | .00383 | .00016 | 313.10 | .00033 | .04546 |
| Stddev | .00143 | .0307  | .00059 | .00004 | 1.69   | .00013 | .00008 |
| %RSD   | .18493 | 1.4806 | 15.368 | 26.996 | .53938 | 40.376 | .17467 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .77079 | 2.0961 | .00341 | -.00013 | 314.30 | .00043 | .04540 |
| #2 | .77281 | 2.0526 | .00424 | -.00019 | 311.91 | .00024 | .04551 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .64517 | .00101 | .00512 | .24057 | 1.0780 | .00076 | .00291 |
| Stddev | .01896 | .00018 | .00871 | .00279 | .0121  | .00090 | .00026 |
| %RSD   | 2.9385 | 17.906 | 170.05 | 1.1610 | 1.1267 | 118.53 | 8.8905 |

|    |        |         |         |        |        |        |        |
|----|--------|---------|---------|--------|--------|--------|--------|
| #1 | .65857 | -.00088 | -.00104 | .24255 | 1.0866 | .00012 | .00273 |
| #2 | .63176 | -.00114 | .01128  | .23860 | 1.0694 | .00139 | .00310 |

Sample Name: J1012-16      Acquired: 1/4/2018 18:38:49      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: JC-03-010318      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00051 | .0075  | .09372 | 2.0109 | F<00000 |
| Stddev | .00104 | .0031  | .00051 | .5657  | 1.5170  |
| %RSD   | 204.21 | 40.87  | .54025 | 28.130 | 5.8131  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | .00124  | .0053 | .09407 | 1.6109 | -27.168 |
| #2 | -.00023 | .0096 | .09336 | 2.4109 | -25.023 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2543.8  | 38413.  | 3748.1  | 34.111 | 2837.0 |
| Stddev    | 3.4     | 69.     | 14.8    | .100   | 7.9    |
| %RSD      | .13548  | .18080  | .39524  | .11846 | .27803 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2541.4 | 38364. | 3737.6 | 84.182 | 2831.5 |
| #2 | 2546.3 | 38462. | 3758.6 | 84.041 | 2842.6 |

Sample Name: CCV08      Acquired: 1/4/2018 18:43:01      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12325      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9614 | 4.9877 | 4.9502 | 5.0307 | 5.0298 | 10.142 | 10.133 | .25132 |
| Stddev | .0022  | .0042  | .0072  | .0091  | .0112  | .063   | .034   | .00009 |
| %RSD   | .04449 | .08445 | .14609 | .18091 | .22198 | .61798 | .33071 | .03685 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9629 | 4.9907 | 4.9553 | 5.0243 | 5.0219 | 10.098 | 10.109 | .25125 |
| #2 | 4.9598 | 4.9847 | 4.9451 | 5.0372 | 5.0377 | 10.186 | 10.157 | .25139 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4935 | 25.577 | .99318 | 2.4736 | 1.2580 | 5.1425 | 2.5254 | 25.170 |
| Stddev | .0046  | .066   | .00100 | .0053  | .0028  | .1780  | .0012  | .140   |
| %RSD   | .18311 | .25714 | .10048 | .21470 | .21937 | 3.4614 | .04914 | .55613 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4967 | 25.531 | .99248 | 2.4774 | 1.2561 | 5.0166 | 2.5245 | 25.071 |
| #2 | 2.4902 | 25.624 | .99389 | 2.4699 | 1.2600 | 5.2684 | 2.5263 | 25.269 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4851 | 1.2216 | 25.286 | 2.4881 | 2.7293 | 25.453 | 5.0620 | 5.1212 |
| Stddev | .0089  | .0015  | .093   | .0040  | .0695  | .070   | .0061  | .0017  |
| %RSD   | .35890 | .12636 | .36691 | .16172 | 2.5474 | .27527 | .12036 | .03351 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4915 | 1.2205 | 25.220 | 2.4852 | 2.6801 | 25.404 | 5.0663 | 5.1200 |
| #2 | 2.4788 | 1.2227 | 25.351 | 2.4909 | 2.7784 | 25.503 | 5.0577 | 5.1225 |

|        |        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.9099 | 4.9902 | 4.9425 | 5.0318 | 5.1066 | 5.088  | 5.0763 | F2.3519 |
| Stddev | .0170  | .0821  | .0099  | .0259  | .0159  | .020   | .0126  | .0415   |
| %RSD   | .34532 | 1.6457 | .19975 | .51461 | .31181 | .3966  | .24736 | 1.7650  |

|    |        |        |        |        |        |       |        |        |
|----|--------|--------|--------|--------|--------|-------|--------|--------|
| #1 | 4.9219 | 4.9322 | 4.9495 | 5.0134 | 5.0953 | 5.102 | 5.0674 | 2.3225 |
| #2 | 4.8979 | 5.0483 | 4.9356 | 5.0501 | 5.1179 | 5.073 | 5.0852 | 2.3812 |

Sample Name: CCV08      Acquired: 1/4/2018 18:43:01      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV12325      Custom ID2:      Custom ID3:  
 Comment:

Elem              U\_3859  
 Units              ppm  
 Avg                5.1557  
 Stddev            2.1434  
 %RSD             41.574  
  
 #1                6.6714  
 #2                3.6401

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2590.1  | 39173.  | 3694.6  | 79.768 | 2840.8 |
| Stddev    | 3.1     | 57.     | 14.2    | 1.948  | 6.9    |
| %RSD      | .12016  | .14500  | .38536  | 2.4414 | .24224 |
| #1        | 2587.9  | 39133.  | 3684.5  | 81.145 | 2835.9 |
| #2        | 2592.3  | 39213.  | 3704.7  | 78.391 | 2845.7 |

Sample Name: CCB08      Acquired: 1/4/2018 18:46:51      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12325      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00207 | .00076 | .00184 | .00250 | .00158 | .01744 | .00034 |
| Stddev | .00172 | .00033 | .00016 | .00058 | .00005 | .00095 | .00093 |
| %RSD   | 82.827 | 43.098 | 8.8647 | 23.415 | 3.2277 | 5.4216 | 273.39 |

|    |         |         |        |        |        |         |         |
|----|---------|---------|--------|--------|--------|---------|---------|
| #1 | -.00329 | -.00053 | .00172 | .00291 | .00154 | -.01811 | .00100  |
| #2 | -.00086 | -.00099 | .00195 | .00208 | .00161 | -.01677 | -.00032 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00001 | .01143 | .00068 | .00010 | .00037 | .01029 |
| Stddev | .00007 | .00007 | .00972 | .00068 | .00015 | .00061 | .00741 |
| %RSD   | 378.16 | 947.11 | 85.037 | 100.05 | 153.05 | 166.07 | 72.032 |

|    |         |         |        |         |         |         |        |
|----|---------|---------|--------|---------|---------|---------|--------|
| #1 | -.00003 | -.00005 | .00456 | -.00020 | .00001  | .00006  | .01553 |
| #2 | .00007  | .00004  | .01830 | -.00116 | -.00020 | -.00080 | .00505 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .01364 | .00024 | .00014 | .02351 | .00015 | .00041 |
| Stddev | .00001 | .00967 | .00011 | .00005 | .00231 | .00010 | .00005 |
| %RSD   | 152.27 | 70.915 | 45.154 | 38.146 | 9.8052 | 66.895 | 12.179 |

|    |        |         |         |        |         |        |         |
|----|--------|---------|---------|--------|---------|--------|---------|
| #1 | .00002 | -.00680 | -.00017 | .00018 | -.02188 | .00008 | -.00037 |
| #2 | .00000 | -.02048 | -.00032 | .00010 | -.02514 | .00022 | -.00044 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05337 | .00041 | .00390 | .00119 | .00894 | .00071 | .00348 |
| Stddev | .01811 | .00021 | .00796 | .00051 | .00504 | .00050 | .00091 |
| %RSD   | 33.939 | 52.100 | 203.92 | 42.795 | 56.333 | 70.477 | 26.212 |

|    |        |        |         |         |        |         |        |
|----|--------|--------|---------|---------|--------|---------|--------|
| #1 | .04056 | .00056 | -.00953 | -.00154 | .00538 | -.00035 | .00412 |
| #2 | .06618 | .00026 | .00172  | -.00083 | .01251 | -.00106 | .00283 |

Sample Name: CCB08      Acquired: 1/4/2018 18:46:51      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCB12325      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |         |         |
|-----------|---------|---------|---------|---------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .00233  | .0027   | .00003  | F<00000 | F<00000 |
| Stddev    | .00029  | .0024   | .00002  | .00428  | .00000  |
| %RSD      | 12.331  | 90.47   | 87.061  | .69425  | .00000  |
| #1        | -.00213 | .0044   | .00004  | -.61394 | -1.2705 |
| #2        | -.00253 | .0010   | .00001  | -.62000 | -1.2705 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306  | In2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2683.7  | 40696.  | 3749.5  | 36.252  | 3132.7  |
| Stddev    | 8.2     | 49.     | 48.9    | 1.263   | 15.9    |
| %RSD      | .30527  | .11940  | 1.3033  | 1.4645  | .50890  |
| #1        | 2677.9  | 40661.  | 3784.1  | 87.145  | 3121.4  |
| #2        | 2689.5  | 40730.  | 3715.0  | 85.359  | 3143.9  |

Sample Name: J1016-02      Acquired: 1/4/2018 18:50:59      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OK-03-010318 Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00601 | .00391 | .00587 | .00295 | .00326 | .03959 | .13852 |
| Stddev | .00094 | .00088 | .00154 | .00006 | .00172 | .00788 | .00042 |
| %RSD   | 15.641 | 22.387 | 26.257 | 2.0475 | 52.961 | 19.915 | .30019 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00535 | -.00329 | .00478 | -.00291 | -.00447 | .04517 | .13822 |
| #2 | -.00668 | -.00453 | .00696 | -.00299 | -.00204 | .03402 | .13881 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00002 | 72.492 | .01988 | .00921 | .00472 | .20210 |
| Stddev | .0001  | .00004 | .276   | .00066 | .00027 | .00047 | .01284 |
| %RSD   | 4710.9 | 206.35 | .38061 | 3.3108 | 2.9370 | 9.9662 | 6.3525 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | .00009  | -.00001 | 72.296 | .01942 | .00902 | .00505 | .21118 |
| #2 | -.00009 | .00005  | 72.687 | .02035 | .00940 | .00439 | .19302 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .79492 | 10.512 | .01445 | .00055 | 342.19 | .00032 | .04795 |
| Stddev | .01355 | .013   | .00046 | .00058 | .84    | .00063 | .00158 |
| %RSD   | 1.7040 | .12432 | 3.1999 | 105.80 | .24570 | 199.29 | 3.3041 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .78534 | 10.503 | .01477 | -.00014 | 341.60 | .00076  | .04907 |
| #2 | .80450 | 10.521 | .01412 | -.00096 | 342.79 | -.00013 | .04683 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .84486 | .00153 | .00935 | .09076 | .35426 | .00094 | .00067 |
| Stddev | .00083 | .00001 | .00406 | .00255 | .00339 | .00015 | .00032 |
| %RSD   | .09782 | .64132 | 43.380 | 2.8083 | .95742 | 16.122 | 47.113 |

|    |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|---------|
| #1 | .84545 | .00152 | .00648 | .08895 | .35666 | .00083 | -.00045 |
| #2 | .84428 | .00153 | .01222 | .09256 | .35186 | .00105 | -.00090 |

Sample Name: J1016-02      Acquired: 1/4/2018 18:50:59      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OK-03-010318      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00159 | .0039  | .18080 | 7.4541 | F<00000 |
| Stddev | .00042 | .0000  | .00051 | 1.4190 | 5.6357  |
| %RSD   | 26.378 | 1.109  | .27936 | 19.037 | 22.788  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00129 | .0039 | .18044 | 6.4507 | -28.716 |
| #2 | -.00189 | .0040 | .18116 | 8.4575 | -20.746 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2502.0  | 37892.  | 3740.0  | 33.835 | 2760.4 |
| Stddev    | 6.8     | 515.    | .4      | 2.854  | 10.9   |
| %RSD      | .27206  | 1.3601  | .01139  | 3.4040 | .39544 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2497.2 | 38257. | 3739.7 | 81.817 | 2752.7 |
| #2 | 2506.9 | 37528. | 3740.3 | 85.853 | 2768.1 |



Sample Name: J1017-02      Acquired: 1/4/2018 18:55:10      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: 4463      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20792 | .00754 | .06603 | .13223 | .03323 | .90744 | .01161 |
| Stddev | .00078 | .00056 | .00413 | .00154 | .00105 | .03457 | .00064 |
| %RSD   | .37673 | 7.3731 | 6.2524 | 1.1628 | 3.1745 | 3.8092 | 5.5082 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.20737 | -.00714 | -.06895 | .13332 | -.03397 | .88299 | .01207 |
| #2 | -.20848 | -.00793 | -.06311 | .13115 | -.03248 | .93188 | .01116 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00338 | .00252 | 3.3433 | .00248 | .02188 | .03353 | .07036 |
| Stddev | .00016 | .00008 | .0614  | .00011 | .00089 | .00019 | .01053 |
| %RSD   | 4.7315 | 3.1946 | 1.8359 | 4.2656 | 4.0548 | .55551 | 14.972 |

|    |        |         |        |        |         |        |         |
|----|--------|---------|--------|--------|---------|--------|---------|
| #1 | .00349 | -.00246 | 3.2999 | .00240 | -.02125 | .03340 | -.06291 |
| #2 | .00326 | -.00257 | 3.3867 | .00255 | -.02250 | .03366 | -.07781 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .17973 | .38777 | .00564 | .00181 | 508.92 | .15214 | .13306 |
| Stddev | .00239 | .00457 | .00010 | .00095 | .30    | .00557 | .00235 |
| %RSD   | 1.3312 | 1.1773 | 1.7024 | 52.410 | .05939 | 3.6629 | 1.7659 |

|    |        |        |        |         |        |         |        |
|----|--------|--------|--------|---------|--------|---------|--------|
| #1 | .17804 | .39100 | .00557 | -.00114 | 508.71 | -.14820 | .13472 |
| #2 | .18142 | .38454 | .00570 | -.00248 | 509.14 | -.15608 | .13140 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 370.78 | 53.141 | 37.207 | 3.8387 | 3.6991 | .07053 | .00519 |
| Stddev | 4.24   | .291   | .266   | .0109  | .0770  | .00200 | .00084 |
| %RSD   | .63228 | .54674 | .30519 | .15938 | 1.1486 | 2.8412 | 16.108 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 667.78 | 53.347 | 87.018 | 6.8464 | 6.6447 | .07195 | .00460 |
| #2 | 673.78 | 52.936 | 87.395 | 6.8310 | 6.7535 | .06911 | .00578 |

Sample Name: J1017-02      Acquired: 1/4/2018 18:55:10      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: 4463      Custom ID2:      Custom ID3:  
 Comment:

| Elem      | Li6707  | P_1774  | Sr4077  | U_3670  | U_3859  |
|-----------|---------|---------|---------|---------|---------|
| Units     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg       | .01830  | 2.938   | .04784  | F<00000 | F<00000 |
| Stddev    | .00064  | .014    | .00024  | .19323  | 1.1833  |
| %RSD      | 3.5026  | .4855   | .50814  | 4.0255  | 3.6036  |
| #1        | .01785  | 2.928   | .04767  | -4.6636 | -33.672 |
| #2        | .01876  | 2.948   | .04801  | -4.9369 | -31.999 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306  | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg       | 2133.5  | 32834.  | 3711.0  | 31.965  | 2313.4  |
| Stddev    | 13.2    | 277.    | 13.9    | 1.287   | 2.5     |
| %RSD      | .62041  | .84338  | .37349  | 1.5701  | .10895  |
| #1        | 2124.2  | 33030.  | 3720.8  | 81.055  | 2311.6  |
| #2        | 2142.9  | 32638.  | 3701.2  | 82.875  | 2315.2  |

Sample Name: J1027-02      Acquired: 1/4/2018 18:59:25      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251608      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00438 | .00390 | .00582 | .00310 | .00742 | .06976 | .11095 |
| Stddev | .00055 | .00115 | .00059 | .00011 | .00272 | .01158 | .00052 |
| %RSD   | 12.624 | 29.581 | 10.144 | 3.6933 | 36.652 | 16.601 | .47152 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00477 | -.00472 | .00540 | .00302 | .00934 | .07795 | .11058 |
| #2 | -.00398 | -.00308 | .00623 | .00319 | .00550 | .06157 | .11132 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00014 | 28.377 | .03625 | .00127 | .00783 | .10613 |
| Stddev | .00009 | .00014 | .008   | .00033 | .00004 | .00029 | .00349 |
| %RSD   | 341.12 | 101.18 | .02678 | .89717 | 3.2498 | 3.6494 | 3.2867 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00004  | .00023 | 28.372 | .03648 | .00124 | .00803 | .10859 |
| #2 | -.00009 | .00004 | 28.383 | .03602 | .00130 | .00763 | .10366 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .67498 | 3.7875 | .01793 | .00008 | 312.08 | .00059 | .01626 |
| Stddev | .00100 | .0087  | .00034 | .00047 | 3.57   | .00003 | .00021 |
| %RSD   | .14836 | .22983 | 1.9100 | 589.67 | 1.1430 | 5.2615 | 1.2733 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .67427 | 3.7937 | .01769 | -.00025 | 314.60 | .00057 | .01640 |
| #2 | .67569 | 3.7814 | .01818 | .00042  | 309.56 | .00062 | .01611 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .72249 | .00079 | .10147 | .27816 | .39451 | .00212 | .00225 |
| Stddev | .00602 | .00027 | .00656 | .00023 | .01013 | .00119 | .00109 |
| %RSD   | .83374 | 34.814 | 6.4639 | .08445 | 2.5684 | 55.891 | 48.444 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .72675 | .00098 | .10611 | .27832 | .38734 | .00128 | .00303 |
| #2 | .71823 | .00059 | .09683 | .27799 | .40167 | .00296 | .00148 |

Sample Name: J1027-02      Acquired: 1/4/2018 18:59:25      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251608      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00193 | .0066  | .08292 | 2.0957 | F<00000 |
| Stddev | .00223 | .0012  | .00007 | .2122  | .28959  |
| %RSD   | 115.50 | 18.00  | .08575 | 10.128 | 1.4271  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00035 | .0075 | .08287 | 2.2457 | -20.498 |
| #2 | .00351 | .0058 | .08297 | 1.9456 | -20.088 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2503.7  | 38278.  | 3750.5  | 33.055 | 2776.1 |
| Stddev    | 7.0     | 60.     | 36.8    | 1.253  | 9.1    |
| %RSD      | .27776  | .15546  | .98182  | 1.5093 | .32944 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2498.8 | 38236. | 3724.4 | 82.168 | 2769.7 |
| #2 | 2508.6 | 38320. | 3776.5 | 83.941 | 2782.6 |

Sample Name: J1027-04      Acquired: 1/4/2018 19:03:38      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251588      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00260 | .00619 | .01413 | .00483 | .00053 | .04232 | .12802 |
| Stddev | .00093 | .00043 | .00119 | .00164 | .00144 | .00461 | .00128 |
| %RSD   | 35.912 | 6.8841 | 8.4508 | 33.926 | 273.42 | 10.894 | .99838 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00194 | -.00649 | .01329 | .00367 | -.00155 | .04558 | .12711 |
| #2 | -.00326 | -.00588 | .01498 | .00599 | .00049  | .03906 | .12892 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00005 | 29.626 | .00137 | .00100 | .00440 | .03501 |
| Stddev | .00003 | .00005 | .073   | .00047 | .00009 | .00005 | .00427 |
| %RSD   | 35.867 | 96.381 | .24651 | 33.885 | 8.8448 | 1.0616 | 12.187 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00011 | .00008 | 29.678 | .00170 | .00093 | .00437 | .03199 |
| #2 | .00006 | .00002 | 29.575 | .00104 | .00106 | .00443 | .03802 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.8202 | 2.6055 | .00249 | .00042 | 323.87 | .00022 | .01753 |
| Stddev | .0105  | .0539  | .00005 | .00028 | 2.20   | .00007 | .00029 |
| %RSD   | .57565 | 2.0676 | 2.0665 | 66.474 | .67864 | 30.626 | 1.6425 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | 1.8128 | 2.5674 | .00245 | .00022 | 322.32 | -.00027 | .01774 |
| #2 | 1.8277 | 2.6436 | .00252 | .00061 | 325.43 | -.00017 | .01733 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.4256 | .00275 | .03269 | .43315 | .44702 | .00092 | .00112 |
| Stddev | .0239  | .00057 | .00298 | .00374 | .01243 | .00027 | .00175 |
| %RSD   | 1.6749 | 20.574 | 9.1105 | .86442 | 2.7797 | 29.748 | 156.31 |

|    |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|---------|
| #1 | 1.4425 | .00315 | .03479 | .43580 | .43823 | .00111 | -.00012 |
| #2 | 1.4087 | .00235 | .03058 | .43051 | .45581 | .00072 | .00236  |

Sample Name: J1027-04      Acquired: 1/4/2018 19:03:38      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251588      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00003 | .0075  | .13705 | 2.5234 | F<00000 |
| Stddev | .00045 | .0016  | .00001 | .1222  | 1.3087  |
| %RSD   | 1606.8 | 20.92  | .00701 | 4.8426 | 4.5575  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | .00029  | .0064 | .13704 | 2.6098 | -27.790 |
| #2 | -.00034 | .0086 | .13706 | 2.4370 | -29.640 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2503.7  | 37739.  | 3722.1  | 31.791 | 2786.9 |
| Stddev    | 8.7     | 52.     | 12.8    | 2.353  | 4.2    |
| %RSD      | .34922  | .13748  | .34465  | 2.8765 | .15009 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2497.5 | 37775. | 3713.0 | 80.127 | 2783.9 |
| #2 | 2509.9 | 37702. | 3731.2 | 83.455 | 2789.9 |

Sample Name: J1027-06      Acquired: 1/4/2018 19:07:50      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: RBR251678      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00393 | .00439 | .02032 | .00137 | .00048 | .09084 | .14807 |
| Stddev | .00169 | .00003 | .00053 | .00044 | .00106 | .01115 | .00119 |
| %RSD   | 43.032 | .62520 | 2.6289 | 31.958 | 219.58 | 12.270 | .80645 |

|    |         |         |        |        |         |        |        |
|----|---------|---------|--------|--------|---------|--------|--------|
| #1 | -.00273 | -.00440 | .01994 | .00168 | .00123  | .08296 | .14891 |
| #2 | -.00512 | -.00437 | .02070 | .00106 | -.00027 | .09872 | .14722 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .00010 | 21.940 | .00175 | .00003 | .01635 | .07354 |
| Stddev | .0001  | .00008 | .206   | .00005 | .00001 | .00022 | .01452 |
| %RSD   | 5121.4 | 82.955 | .93919 | 2.9242 | 41.170 | 1.3203 | 19.742 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00004  | .00015 | 22.086 | .00179 | .00004 | .01620 | .06328 |
| #2 | -.00004 | .00004 | 21.794 | .00172 | .00002 | .01650 | .08381 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07384 | 2.1156 | .00043 | .00020 | 326.01 | .00027 | .04607 |
| Stddev | .00003 | .0108  | .00012 | .00012 | 3.19   | .00020 | .00104 |
| %RSD   | .04418 | .50852 | 27.617 | 61.427 | .97832 | 75.750 | 2.2604 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07381 | 2.1232 | .00034 | .00011 | 323.75 | .00041 | .04534 |
| #2 | .07386 | 2.1080 | .00051 | .00028 | 328.26 | .00013 | .04681 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.3251 | .00098 | .02334 | .18047 | .99173 | .00129 | .00501 |
| Stddev | .0370  | .00050 | .00051 | .00085 | .00385 | .00060 | .00061 |
| %RSD   | 1.5900 | 50.471 | 2.1835 | .47325 | .38774 | 46.456 | 12.238 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | 2.3513 | -.00133 | .02371 | .18107 | .99445 | .00087 | .00544 |
| #2 | 2.2990 | -.00063 | .02298 | .17986 | .98901 | .00171 | .00458 |

Sample Name: J1027-06      Acquired: 1/4/2018 19:07:50      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: RBR251678      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00016 | .1843  | .16415 | 2.4305 | F<00000 |
| Stddev | .00018 | .0024  | .00156 | .4574  | 1.3587  |
| %RSD   | 110.04 | 1.289  | .94972 | 18.819 | 4.8439  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00004 | .1860 | .16525 | 2.7540 | -27.089 |
| #2 | .00029 | .1826 | .16304 | 2.1071 | -29.011 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2495.5  | 37730.  | 3661.5  | 33.170 | 2791.6 |
| Stddev    | 7.6     | 127.    | 26.9    | 1.347  | 7.4    |
| %RSD      | .30511  | .33731  | .73483  | 1.6192 | .26513 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2490.1 | 37640. | 3642.4 | 84.123 | 2786.4 |
| #2 | 2500.9 | 37820. | 3680.5 | 82.218 | 2796.9 |



Sample Name: J1031-01      Acquired: 1/4/2018 19:12:04      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00187 | .00475 | 3.1530 | .02920 | .00012 | .10668 | .03050 |
| Stddev | .00052 | .00084 | .0352  | .00046 | .00280 | .00564 | .00096 |
| %RSD   | 28.030 | 17.712 | .57145 | 1.5905 | 2256.5 | 5.2866 | 3.1350 |

|    |         |         |        |         |         |        |        |
|----|---------|---------|--------|---------|---------|--------|--------|
| #1 | -.00224 | -.00534 | 6.1281 | -.02952 | -.00211 | .11067 | .03117 |
| #2 | -.00150 | -.00415 | 6.1779 | -.02887 | .00186  | .10269 | .02982 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .01262 | 280.65 | .01403 | .02313 | .00679 | .04683 |
| Stddev | .00009 | .00009 | .63    | .00015 | .00011 | .00075 | .00159 |
| %RSD   | 88.837 | .71414 | .22391 | 1.0547 | .47026 | 10.975 | 3.3943 |

|    |         |        |        |        |        |         |        |
|----|---------|--------|--------|--------|--------|---------|--------|
| #1 | -.00004 | .01269 | 281.09 | .01414 | .02305 | -.00732 | .04570 |
| #2 | -.00016 | .01256 | 280.20 | .01393 | .02321 | -.00626 | .04795 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .21456 | 54.880 | .00571 | .00010 | 342.63 | .00204 | 5.4662 |
| Stddev | .00078 | .365   | .00022 | .00053 | 1.50   | .00044 | .2526  |
| %RSD   | .36320 | .66583 | 3.8404 | 546.34 | .43884 | 21.426 | 4.6209 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .21401 | 54.622 | .00556 | .00047  | 341.57 | .00173 | 5.2876 |
| #2 | .21511 | 55.139 | .00587 | -.00028 | 343.70 | .00235 | 5.6448 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.0944 | .00389 | .53416 | 167.94 | .52750 | .00114 | .03222 |
| Stddev | .0257  | .00038 | .00292 | .02    | .01419 | .00044 | .00033 |
| %RSD   | .62725 | 9.8806 | .54747 | .01316 | 2.6894 | 38.571 | 1.0170 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0762 | .00362 | .53623 | 167.95 | .53753 | .00083 | .03245 |
| #2 | 4.1125 | .00417 | .53209 | 167.92 | .51746 | .00145 | .03199 |

Sample Name: J1031-01      Acquired: 1/4/2018 19:12:04      Type: Unk  
 Method: P4-ICP2(v1897)      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    | .00692 | .1680  | .43025 | 29.590 | F<00000 |
| Stddev | .00083 | .0009  | .00259 | .355   | 6.1169  |
| %RSD   | 11.969 | .5196  | .60203 | 1.1996 | 24.759  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00634 | .1687 | .43208 | 29.339 | -29.031 |
| #2 | .00751 | .1674 | .42842 | 29.841 | -20.380 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2355.8  | 35901.  | 3581.9  | 79.065 | 2618.0 |
| Stddev    | 15.1    | 21.     | 19.6    | 3.253  | 7.8    |
| %RSD      | .63888  | .05956  | .54847  | 4.1147 | .29825 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2345.1 | 35916. | 3568.0 | 81.365 | 2612.4 |
| #2 | 2366.4 | 35886. | 3595.8 | 76.764 | 2623.5 |

Sample Name: J1032-01      Acquired: 1/4/2018 19:16:11      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00464 | .00457 | .01161 | .00175 | .00421 | .12167 | .38634 |
| Stddev | .00015 | .00102 | .00112 | .00225 | .00141 | .00093 | .00008 |
| %RSD   | 3.2770 | 22.385 | 9.6867 | 128.86 | 33.509 | .76374 | .02152 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00454 | -.00530 | .01240 | .00016 | .00321 | .12101 | .38628 |
| #2 | -.00475 | -.00385 | .01081 | .00334 | .00520 | .12233 | .38640 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00043 | 30.793 | .00690 | .00355 | .03232 | 1.8641 |
| Stddev | .00004 | .00013 | .199   | .00069 | .00017 | .00015 | .0279  |
| %RSD   | 118.59 | 30.552 | .32800 | 10.003 | 4.7660 | .47445 | 1.4942 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00006 | .00034 | 60.652 | .00739 | .00343 | .03243 | 1.8837 |
| #2 | .00000 | .00053 | 60.934 | .00641 | .00367 | .03222 | 1.8444 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .23747 | 4.3699 | .01416 | .00023 | 309.00 | .00071 | 1.0398 |
| Stddev | .00040 | .0300  | .00024 | .00088 | .65    | .00015 | .0050  |
| %RSD   | .17049 | .68622 | 1.6891 | 387.50 | .21070 | 21.718 | .48008 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .23718 | 4.3487 | .01433 | .00085  | 308.54 | .00060 | 1.0433 |
| #2 | .23775 | 4.3911 | .01399 | -.00039 | 309.46 | .00082 | 1.0363 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .60702 | .00037 | .02067 | 1.0593 | 1.4862 | .00068 | .00285 |
| Stddev | .02294 | .00019 | .01726 | .0056  | .0292  | .00087 | .00273 |
| %RSD   | 3.7789 | 49.636 | 83.470 | .53088 | 1.9654 | 127.13 | 95.506 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .62324 | -.00051 | .03288 | 1.0632 | 1.4655 | .00129 | .00478 |
| #2 | .59080 | -.00024 | .00847 | 1.0553 | 1.5068 | .00007 | .00093 |

Sample Name: J1032-01      Acquired: 1/4/2018 19:16:11      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-1      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00513 | .0163  | .21642 | 5.2794 | F<00000 |
| Stddev | .00248 | .0005  | .00045 | .2084  | 2.8278  |
| %RSD   | 48.408 | 2.908  | .20568 | 3.3187 | 10.694  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00338 | .0167 | .21674 | 6.4268 | -24.442 |
| #2 | .00689 | .0160 | .21611 | 6.1321 | -28.442 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2446.4  | 37035.  | 3613.7  | 30.136 | 2752.3 |
| Stddev    | 13.5    | 63.     | 34.5    | .771   | 11.5   |
| %RSD      | .55153  | .16877  | .95451  | .96191 | .41717 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2436.8 | 37079. | 3589.3 | 79.591 | 2744.2 |
| #2 | 2455.9 | 36990. | 3638.1 | 80.681 | 2760.4 |

Sample Name: J1032-02      Acquired: 1/4/2018 19:20:22      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-2      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00329 | .00579 | .01064 | .00090 | .00480 | .17750 | .64152 |
| Stddev | .00031 | .00156 | .00071 | .00057 | .00032 | .00439 | .00191 |
| %RSD   | 9.5386 | 26.966 | 6.6283 | 63.534 | 6.6304 | 2.4759 | .29826 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00352 | -.00690 | .01114 | .00049 | .00502 | .18061 | .64287 |
| #2 | -.00307 | -.00469 | .01014 | .00130 | .00457 | .17440 | .64016 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00011 | .00064 | 72.392 | .00123 | .00624 | .03096 | 2.5260 |
| Stddev | .00004 | .00003 | .172   | .00020 | .00018 | .00023 | .0337  |
| %RSD   | 34.769 | 4.5746 | .23763 | 16.241 | 2.8340 | .74260 | 1.3356 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | .00062 | 72.271 | .00137 | .00611 | .03112 | 2.5021 |
| #2 | .00014 | .00066 | 72.514 | .00109 | .00636 | .03080 | 2.5498 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .35048 | 4.4949 | .01578 | .00003 | 344.77 | .00025 | 1.5934 |
| Stddev | .00176 | .0114  | .00034 | .00052 | .80    | .00005 | .0171  |
| %RSD   | .50147 | .25355 | 2.1634 | 1921.4 | .23290 | 19.591 | 1.0766 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | .35172 | 4.5030 | .01554 | .00039  | 344.20 | .00029 | 1.5813 |
| #2 | .34924 | 4.4869 | .01602 | -.00034 | 345.34 | .00022 | 1.6055 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .68403 | .00029 | .01437 | .90883 | 1.9584 | .00185 | .00099 |
| Stddev | .00850 | .00003 | .00856 | .00303 | .0129  | .00011 | .00123 |
| %RSD   | 1.2425 | 10.015 | 59.553 | .33299 | .66001 | 5.6779 | 123.88 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .67802 | -.00031 | .00832 | .91097 | 1.9493 | .00193 | .00012 |
| #2 | .69004 | -.00027 | .02042 | .90669 | 1.9676 | .00178 | .00186 |

Sample Name: J1032-02      Acquired: 1/4/2018 19:20:22      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-2      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .00526 | .0124  | .22892 | 7.9785 | F<00000 |
| Stddev | .00220 | .0018  | .00037 | .4786  | 1.7561  |
| %RSD   | 41.795 | 14.71  | .16251 | 5.9988 | 4.5425  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .00370 | .0111 | .22865 | 8.3169 | -37.417 |
| #2 | .00681 | .0137 | .22918 | 7.6401 | -39.900 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2468.8  | 36789.  | 3607.7  | 32.529 | 2763.2 |
| Stddev    | 7.3     | 375.    | 1.2     | .623   | 9.9    |
| %RSD      | .29602  | 1.0203  | .03411  | .75493 | .35974 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2463.6 | 36523. | 3606.8 | 82.970 | 2756.2 |
| #2 | 2474.0 | 37054. | 3608.6 | 82.089 | 2770.2 |

Sample Name: J1032-03      Acquired: 1/4/2018 19:24:33      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-3      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00307 | .00428 | .02535 | .00534 | .00817 | .14591 | .38173 |
| Stddev | .00199 | .00127 | .00041 | .00190 | .00318 | .00462 | .00127 |
| %RSD   | 64.931 | 29.580 | 1.6153 | 35.567 | 38.956 | 3.1697 | .33323 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00166 | -.00518 | .02506 | .00399 | .01042 | .14264 | .38263 |
| #2 | -.00448 | -.00339 | .02564 | .00668 | .00592 | .14918 | .38083 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00014 | 52.720 | .00427 | .00621 | .00506 | 10.567 |
| Stddev | .00003 | .00016 | .193   | .00059 | .00007 | .00009 | .158   |
| %RSD   | 109.80 | 116.42 | .36575 | 13.779 | 1.1999 | 1.7973 | 1.4997 |

|    |         |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00001 | .00025 | 52.857 | .00385 | .00615 | .00499 | 10.455 |
| #2 | -.00005 | .00002 | 52.584 | .00469 | .00626 | .00512 | 10.679 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .33297 | 2.1884 | .01797 | .00084 | 334.82 | .00123 | 3.8983 |
| Stddev | .00003 | .0455  | .00035 | .00022 | 3.64   | .00013 | .0131  |
| %RSD   | .00930 | 2.0801 | 1.9753 | 26.709 | 1.0866 | 10.705 | .33702 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33299 | 2.1562 | .01822 | .00099 | 337.39 | .00132 | 3.8890 |
| #2 | .33294 | 2.2206 | .01772 | .00068 | 332.25 | .00114 | 3.9076 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .72221 | .00088 | .05157 | .77684 | 1.4870 | .00098 | .00008 |
| Stddev | .04517 | .00031 | .00318 | .00687 | .0084  | .00095 | .00094 |
| %RSD   | 6.2544 | 35.260 | 6.1757 | .88494 | .56636 | 97.456 | 1130.0 |

|    |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|---------|
| #1 | .69027 | .00066 | .05382 | .77198 | 1.4930 | .00030 | .00075  |
| #2 | .75415 | .00111 | .04932 | .78170 | 1.4810 | .00165 | -.00058 |

Sample Name: J1032-03      Acquired: 1/4/2018 19:24:33      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-3      Custom ID2:      Custom ID3:  
 Comment:

|           |         |         |         |        |         |
|-----------|---------|---------|---------|--------|---------|
| Elem      | Li6707  | P_1774  | Sr4077  | U_3670 | U_3859  |
| Units     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg       | .05286  | .0688   | .21373  | 7.3978 | F<00000 |
| Stddev    | .00023  | .0020   | .00022  | .5270  | 2.0204  |
| %RSD      | .43606  | 2.976   | .10136  | 7.1233 | 5.0943  |
| #1        | .05270  | .0674   | .21357  | 7.7705 | -41.089 |
| #2        | .05302  | .0703   | .21388  | 7.0252 | -38.231 |
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S   |
| Avg       | 2478.0  | 37105.  | 3582.5  | 30.088 | 2789.5  |
| Stddev    | 11.9    | 5.      | 29.5    | .035   | 9.5     |
| %RSD      | .47883  | .01360  | .82471  | .04411 | .33888  |
| #1        | 2469.6  | 37101.  | 3561.6  | 80.063 | 2782.8  |
| #2        | 2486.4  | 37108.  | 3603.4  | 80.113 | 2796.2  |



Sample Name: J1032-04      Acquired: 1/4/2018 19:28:46      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: OWS-4      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00150 | .00490 | .01177 | .00126 | .00413 | .10086 | .28448 |
| Stddev | .00213 | .00024 | .00087 | .00126 | .00263 | .00259 | .00017 |
| %RSD   | 142.03 | 4.8190 | 7.4100 | 99.972 | 63.749 | 2.5711 | .05933 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00300 | -.00473 | .01239 | .00037 | .00227 | .10269 | .28460 |
| #2 | .00001  | -.00506 | .01116 | .00215 | .00598 | .09903 | .28436 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00056 | 31.665 | .00096 | .00355 | .00384 | 3.6224 |
| Stddev | .00004 | .00007 | .022   | .00018 | .00038 | .00037 | .0444  |
| %RSD   | 121.11 | 11.848 | .03607 | 18.853 | 10.824 | 9.7313 | .51472 |

|    |         |         |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|
| #1 | -.00001 | -.00061 | 61.681 | .00083 | .00382 | .00358 | 8.5910 |
| #2 | -.00007 | -.00052 | 61.649 | .00109 | .00328 | .00410 | 8.6538 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .28438 | 1.1752 | .01397 | .00075 | 314.83 | .00166 | .57170 |
| Stddev | .00054 | .0006  | .00012 | .00002 | .39    | .00028 | .00027 |
| %RSD   | .18966 | .04961 | .87991 | 2.8189 | .12494 | 16.835 | .04805 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .28400 | 1.1756 | .01388 | .00076 | 314.55 | .00146 | .57151 |
| #2 | .28476 | 1.1748 | .01406 | .00073 | 315.11 | .00185 | .57190 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .60271 | .00047 | .01904 | .79323 | 1.3868 | .00117 | .00378 |
| Stddev | .03891 | .00026 | .00476 | .00121 | .0169  | .00039 | .00179 |
| %RSD   | 6.4562 | 55.956 | 25.026 | .15196 | 1.2211 | 33.602 | 47.483 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .63022 | .00028 | .01567 | .79408 | 1.3748 | .00089 | .00251 |
| #2 | .57519 | .00065 | .02241 | .79238 | 1.3988 | .00145 | .00505 |

Sample Name: J1032-04      Acquired: 1/4/2018 19:28:46      Type: Unk  
 Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: OWS-4      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |        |         |
|--------|--------|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077 | U_3670 | U_3859  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .01477 | .0438  | .18893 | 7.7967 | F<00000 |
| Stddev | .00164 | .0026  | .00011 | .4910  | 4.0912  |
| %RSD   | 11.077 | 5.906  | .06064 | 6.2976 | 9.6919  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01593 | .0456 | .18901 | 7.4495 | -45.106 |
| #2 | .01362 | .0420 | .18885 | 8.1439 | -39.320 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2486.2  | 37416.  | 3631.6  | 30.865 | 2807.3 |
| Stddev    | 7.5     | 117.    | 37.6    | .099   | 5.5    |
| %RSD      | .30115  | .31203  | 1.0353  | .12290 | .19596 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2480.9 | 37333. | 3605.0 | 80.794 | 2803.4 |
| #2 | 2491.5 | 37498. | 3658.2 | 80.935 | 2811.1 |

Sample Name: CCV09      Acquired: 1/4/2018 19:32:57      Type: Unk  
Method: P4-ICP2(v1897)      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    | 5.0019 | 4.8303 | 4.8559 | 4.9259 | 5.0377 | 3.9766 | 10.117 | .25206  |
| Stddev | .0031  | .0264  | .0031  | .0084  | .0052  | .0724  | .013   | .00068  |
| %RSD   | .06267 | .54717 | .06330 | .17079 | .10391 | .72614 | .12433 | .27097  |
| #1     | 5.0042 | 4.8490 | 4.8581 | 4.9318 | 5.0340 | 9.9253 | 10.126 | .25254  |
| #2     | 4.9997 | 4.8116 | 4.8537 | 4.9199 | 5.0414 | 10.028 | 10.108 | .25158  |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.4008 | 25.484 | .97922 | 2.4337 | 1.2526 | 5.1156 | 2.5420 | 25.173  |
| Stddev | .0049  | .047   | .00103 | .0057  | .0038  | .0260  | .0072  | .169    |
| %RSD   | .20510 | .18253 | .10559 | .23567 | .30255 | .50812 | .28437 | .66945  |
| #1     | 2.4042 | 25.451 | .97849 | 2.4377 | 1.2553 | 5.1340 | 2.5471 | 25.292  |
| #2     | 2.3973 | 25.516 | .97995 | 2.4296 | 1.2499 | 5.0972 | 2.5369 | 25.054  |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 2.4281 | 1.2461 | 25.131 | 2.4971 | 2.7097 | 26.004 | 5.1354 | 5.2553  |
| Stddev | .0114  | .0056  | .069   | .0066  | .0082  | .117   | .0070  | .0052   |
| %RSD   | .46851 | .45153 | .27454 | .26575 | .30115 | .44936 | .13573 | .09791  |
| #1     | 2.4361 | 1.2501 | 25.180 | 2.5018 | 2.7155 | 26.087 | 5.1305 | 5.2517  |
| #2     | 2.4200 | 1.2421 | 25.083 | 2.4924 | 2.7039 | 25.921 | 5.1404 | 5.2589  |
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 | U_3670  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | 4.8067 | 4.9691 | 4.8811 | 5.0105 | 5.1394 | 4.909  | 4.9319 | F2.3466 |
| Stddev | .0221  | .0011  | .0090  | .0042  | .0065  | .012   | .0050  | .0506   |
| %RSD   | .46055 | .02277 | .18368 | .08343 | .12702 | .2387  | .10058 | 2.1570  |
| #1     | 4.8224 | 4.9683 | 4.8875 | 5.0135 | 5.1441 | 4.918  | 4.9354 | 2.3824  |
| #2     | 4.7911 | 4.9699 | 4.8748 | 5.0075 | 5.1348 | 4.901  | 4.9284 | 2.3108  |

Sample Name: CCV09      Acquired: 1/4/2018 19:32:57      Type: Unk  
Method: P4-ICP2(v1897)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |
|--------|----------|
| Elem   | U_3859   |
| Units  | ppm      |
| Avg    | F 1.2455 |
| Stddev | 3.2484   |
| %RSD   | 76.514   |

|    |        |
|----|--------|
| #1 | 1.9485 |
| #2 | 6.5425 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2580.1  | 38767.  | 3604.6  | 30.410 | 2894.3 |
| Stddev    | 6.5     | 149.    | 24.3    | .384   | 10.9   |
| %RSD      | .25229  | .38356  | .67332  | .47799 | .37592 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2575.5 | 38662. | 3587.4 | 80.138 | 2886.6 |
| #2 | 2584.7 | 38872. | 3621.7 | 80.681 | 2902.0 |

Sample Name: LLCCV05      Acquired: 1/4/2018 19:36:45      Type: Unk  
Method: P4-ICP2(v1897)      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    | .01924 | .03615 | .01242 | .02146 | .04991 | .10834 | .09907 |
| Stddev | .00013 | .00029 | .00129 | .00008 | .00045 | .00640 | .00069 |
| %RSD   | .69423 | .80355 | 10.411 | .38466 | .90535 | 5.9043 | .69431 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01933 | .03636 | .01150 | .02152 | .04959 | .11286 | .09859 |
| #2 | .01915 | .03595 | .01333 | .02140 | .05023 | .10381 | .09956 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00586 | .00541 | 1.9347 | .00876 | .02747 | .01996 | .12890 |
| Stddev | .00003 | .00007 | .0497  | .00042 | .00023 | .00038 | .01698 |
| %RSD   | .55802 | 1.3083 | 2.5709 | 4.7840 | .83347 | 1.9165 | 13.176 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00588 | .00536 | 1.8995 | .00906 | .02763 | .01969 | .14091 |
| #2 | .00584 | .00546 | 1.9699 | .00846 | .02731 | .02023 | .11689 |

|        |        |        |        |        |        |        |         |
|--------|--------|--------|--------|--------|--------|--------|---------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | .02102 | 1.9579 | .03672 | .00997 | 1.9273 | .03811 | F.05421 |
| Stddev | .00004 | .0096  | .00001 | .00017 | .0067  | .00045 | .00009  |
| %RSD   | .19123 | .48902 | .03066 | 1.6576 | .35003 | 1.1902 | .16649  |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02100 | 1.9511 | .03672 | .01008 | 1.9226 | .03843 | .05427 |
| #2 | .02105 | 1.9647 | .03673 | .00985 | 1.9321 | .03779 | .05414 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9723 | .20287 | .10379 | .01602 | .39303 | .03654 | .04171 |
| Stddev | .0659  | .00038 | .00623 | .00035 | .03933 | .00092 | .00139 |
| %RSD   | 3.3432 | .18612 | 5.9977 | 2.1960 | 10.008 | 2.5182 | 3.3388 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9256 | .20314 | .09939 | .01577 | .36521 | .03719 | .04073 |
| #2 | 2.0189 | .20260 | .10819 | .01627 | .42084 | .03589 | .04270 |

Sample Name: LLCCV05      Acquired: 1/4/2018 19:36:45      Type: Unk  
 Method: P4-ICP2(v1897)      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    | .01853 | .0234  | .01980 | F1.0346 | F<00000 |
| Stddev | .00037 | .0004  | .00013 | .0978   | 1.3412  |
| %RSD   | 2.0124 | 1.701  | .67481 | 9.4541  | 205.93  |

|    |        |       |        |        |         |
|----|--------|-------|--------|--------|---------|
| #1 | .01827 | .0237 | .01971 | .96546 | .29710  |
| #2 | .01880 | .0232 | .01990 | 1.1038 | -1.5997 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2663.6  | 40037.  | 3650.4  | 33.757 | 3167.7 |
| Stddev    | 1.8     | 292.    | 13.4    | .235   | 4.0    |
| %RSD      | .06793  | .72943  | .36659  | .28013 | .12609 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2664.9 | 39830. | 3659.9 | 83.591 | 3164.9 |
| #2 | 2662.4 | 40243. | 3641.0 | 83.923 | 3170.5 |

Sample Name: CCB09      Acquired: 1/4/2018 19:40:53      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00033 | .00244 | .00219 | .00142 | .00112 | .00564 | .00121 |
| Stddev | .00037 | .00107 | .00027 | .00095 | .00055 | .00324 | .00028 |
| %RSD   | 111.26 | 43.748 | 12.323 | 66.984 | 48.992 | 57.526 | 23.500 |

|    |         |         |        |        |        |         |        |
|----|---------|---------|--------|--------|--------|---------|--------|
| #1 | -.00007 | -.00320 | .00238 | .00209 | .00073 | -.00334 | .00141 |
| #2 | -.00060 | -.00169 | .00200 | .00075 | .00151 | -.00793 | .00101 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00002 | .01957 | .00044 | .00025 | .00006 | .00537 |
| Stddev | .00005 | .00005 | .01249 | .00019 | .00026 | .00013 | .00599 |
| %RSD   | 287.20 | 216.89 | 63.839 | 43.394 | 100.82 | 205.08 | 111.57 |

|    |         |         |        |         |        |         |         |
|----|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00005 | .00006  | .01074 | -.00031 | .00044 | .00003  | -.00113 |
| #2 | .00002  | -.00001 | .02841 | -.00058 | .00007 | -.00015 | -.00960 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .01581 | .00023 | .00012 | .03732 | .00040 | .00053 |
| Stddev | .00002 | .00534 | .00016 | .00087 | .00145 | .00024 | .00000 |
| %RSD   | 96.990 | 33.779 | 71.581 | 754.60 | 3.8790 | 60.536 | .53543 |

|    |        |         |        |         |         |        |         |
|----|--------|---------|--------|---------|---------|--------|---------|
| #1 | .00004 | -.01204 | .00035 | -.00050 | -.03629 | .00057 | -.00053 |
| #2 | .00001 | -.01959 | .00011 | .00073  | -.03834 | .00023 | -.00053 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02861 | .00104 | .00250 | .00116 | .00234 | .00023 | .00339 |
| Stddev | .04965 | .00037 | .00800 | .00496 | .00694 | .00002 | .00103 |
| %RSD   | 173.55 | 35.622 | 319.83 | 427.53 | 296.23 | 6.7618 | 30.429 |

|    |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|--------|
| #1 | .06372  | -.00078 | .00315  | -.00467 | -.00725 | -.00024 | .00412 |
| #2 | -.00650 | -.00130 | -.00815 | .00235  | .00256  | -.00022 | .00266 |

Sample Name: CCB09      Acquired: 1/4/2018 19:40:53      Type: Unk  
Method: P4-ICP2(v1897)      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    | .00264 | .0040  | .00009 | F.68891 | F<00000 |
| Stddev | .00033 | .0021  | .00003 | .42274  | 2.6142  |
| %RSD   | 12.381 | 51.93  | 31.586 | 61.363  | 67.880  |

|    |         |       |        |        |         |
|----|---------|-------|--------|--------|---------|
| #1 | -.00241 | .0025 | .00007 | .38999 | -2.0027 |
| #2 | -.00287 | .0055 | .00011 | .98783 | -5.6997 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | ln2306 | ln2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 2675.9  | 40428.  | 3609.2  | 31.777 | 3180.8 |
| Stddev    | 11.3    | 64.     | 6.3     | 1.485  | 10.5   |
| %RSD      | .42383  | .15713  | .17470  | 1.8158 | .33098 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 2667.9 | 40383. | 3613.6 | 82.827 | 3173.4 |
| #2 | 2684.0 | 40473. | 3604.7 | 80.727 | 3188.3 |