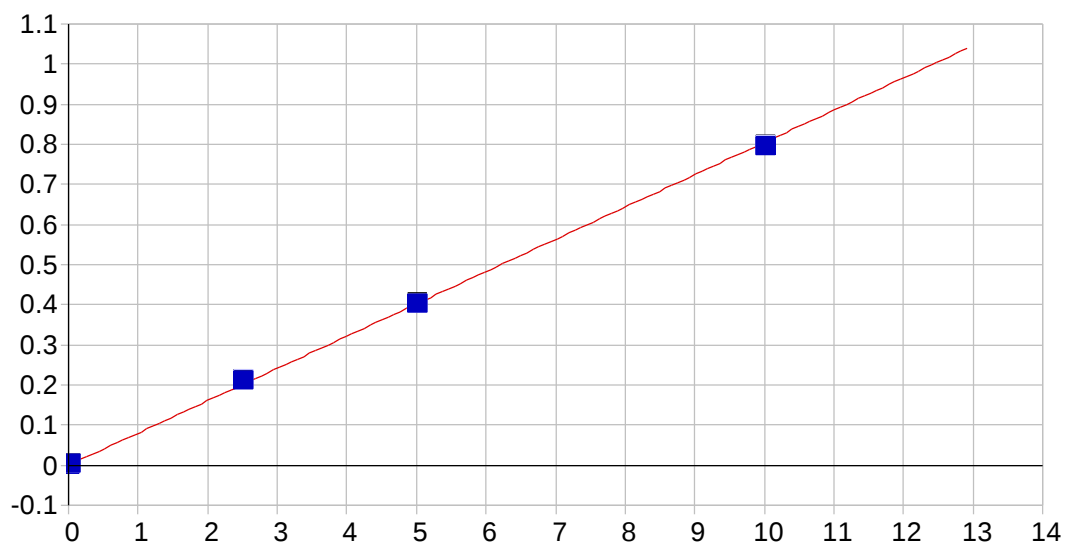




As 189.042 {478}

Date of Fit: 8/29/2017 12:31:15

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000330

Re-Slope: 1.000000

A1 (Gain): 0.080500

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999767

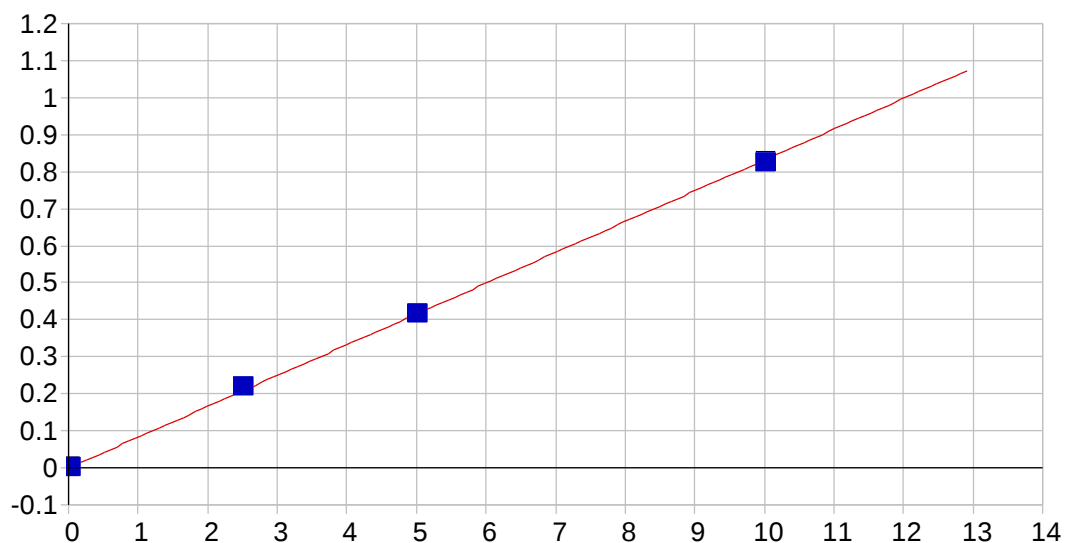
Status: OK.

Std Error of Est: 0.000042

Predicted MDL: 0.002620

Predicted MQL: 0.008734

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00033 | .000    | 1        |
| S1        | .02000       | .02248      | .002       | 12.4    | .00150  | .000    | 1        |
| S3        | 2.5000       | 2.6270      | .127       | 5.08    | .21142  | .000    | 1        |
| S4        | 5.0000       | 4.9886      | -.011      | -.229   | .40181  | .001    | 1        |
| S5        | 10.000       | 9.8819      | -.118      | -1.18   | .79628  | .001    | 1        |

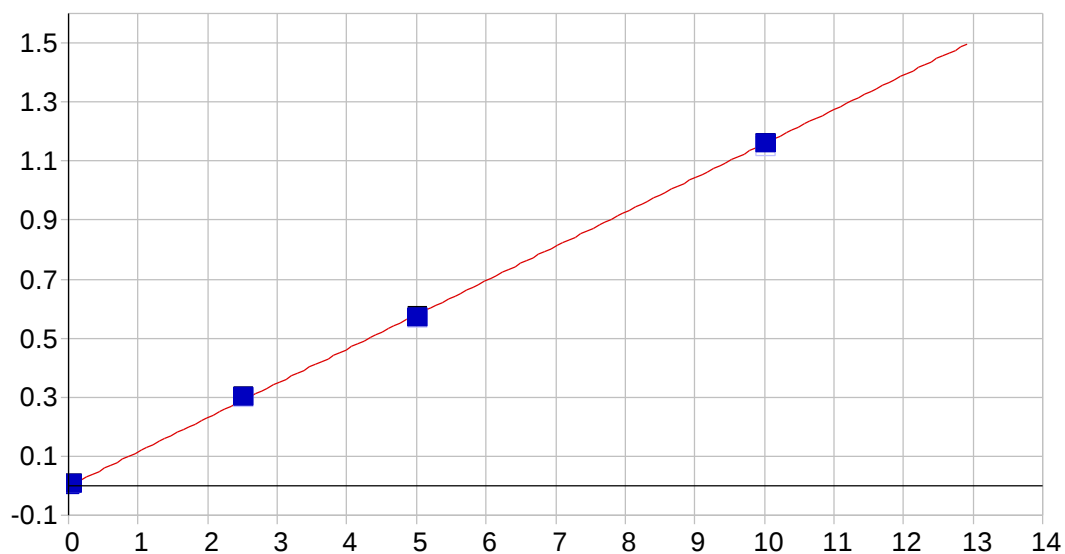


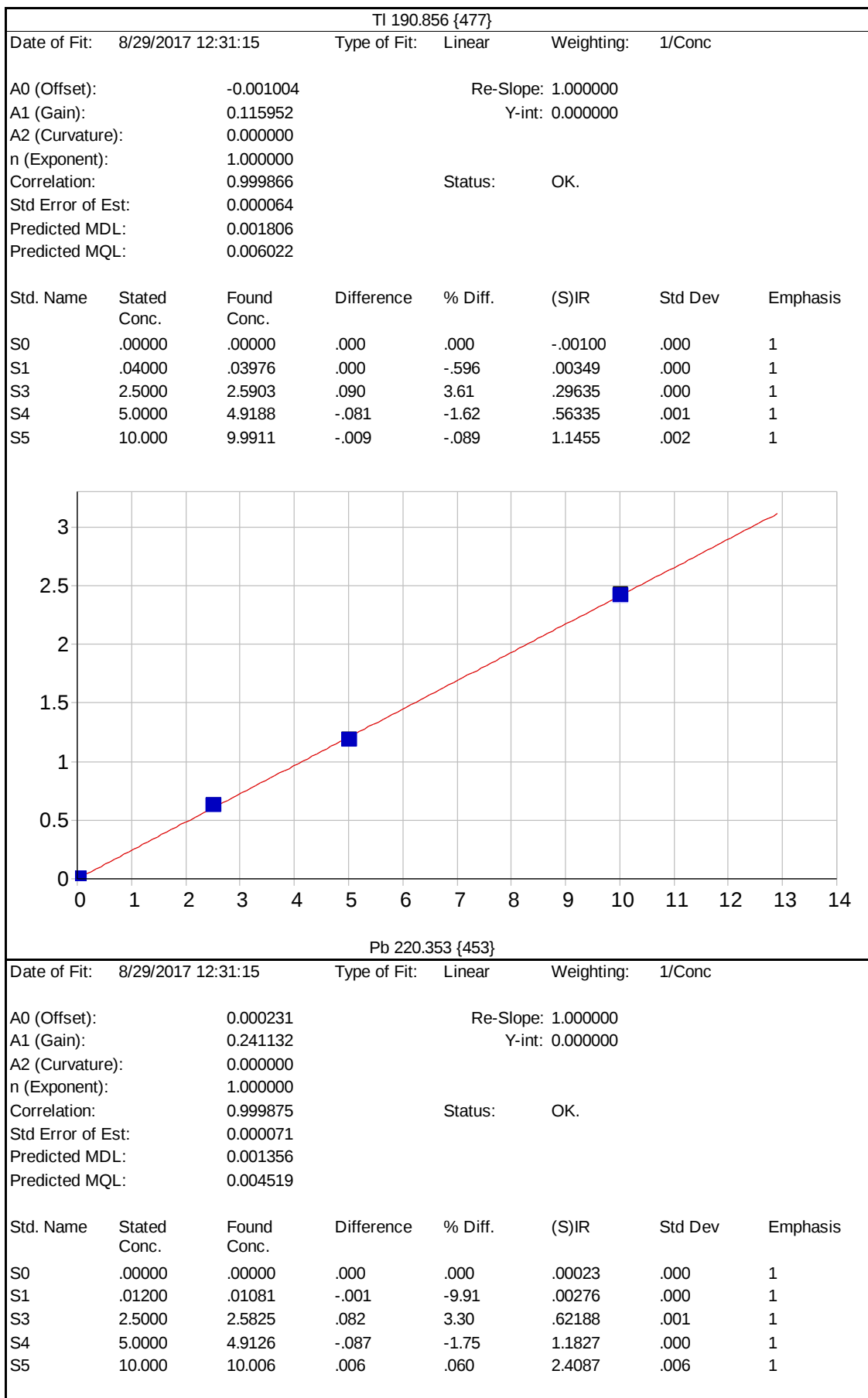
As 189.042 {479}

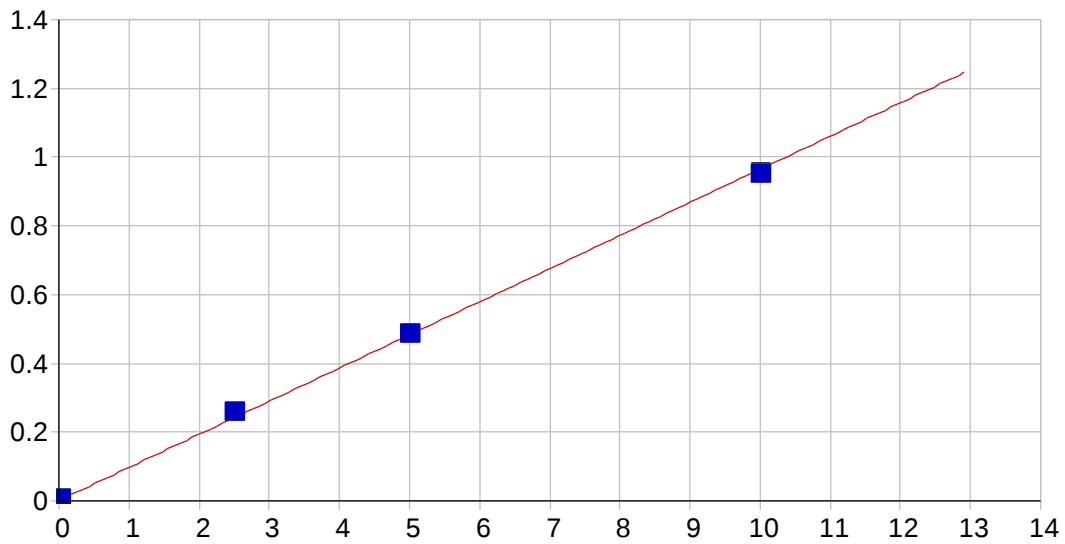
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000464 Re-Slope: 1.000000  
 A1 (Gain): 0.083185 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999805 Status: OK.  
 Std Error of Est: 0.000040  
 Predicted MDL: 0.002011  
 Predicted MQL: 0.006702

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00046 | .000    | 1        |
| S1        | .02000       | .02095      | .001       | 4.74    | .00130  | .000    | 1        |
| S3        | 2.5000       | 2.6195      | .120       | 4.78    | .21773  | .000    | 1        |
| S4        | 5.0000       | 4.9810      | -.019      | -.379   | .41446  | .001    | 1        |
| S5        | 10.000       | 9.8985      | -.102      | -1.02   | .82410  | .002    | 1        |





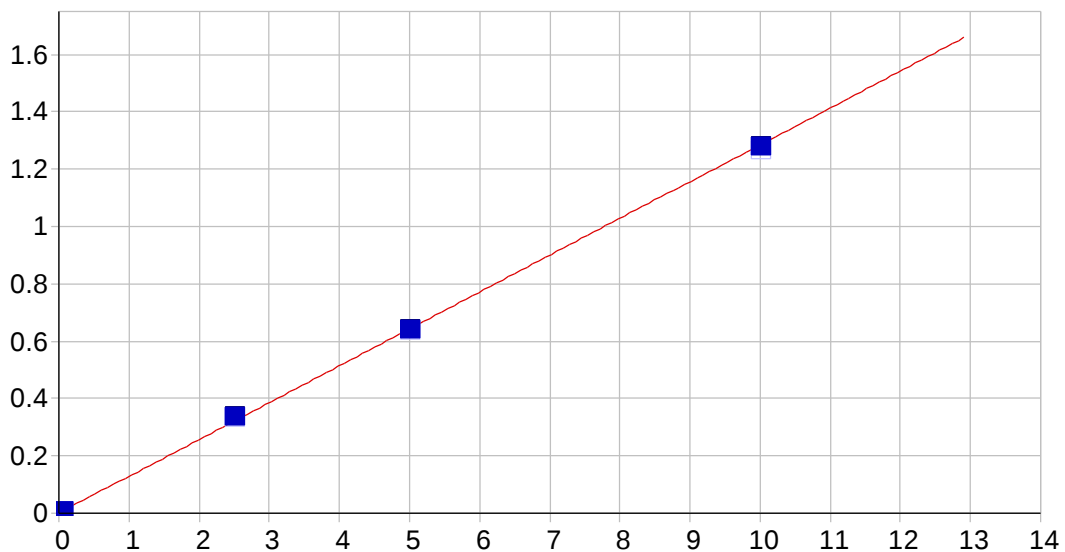


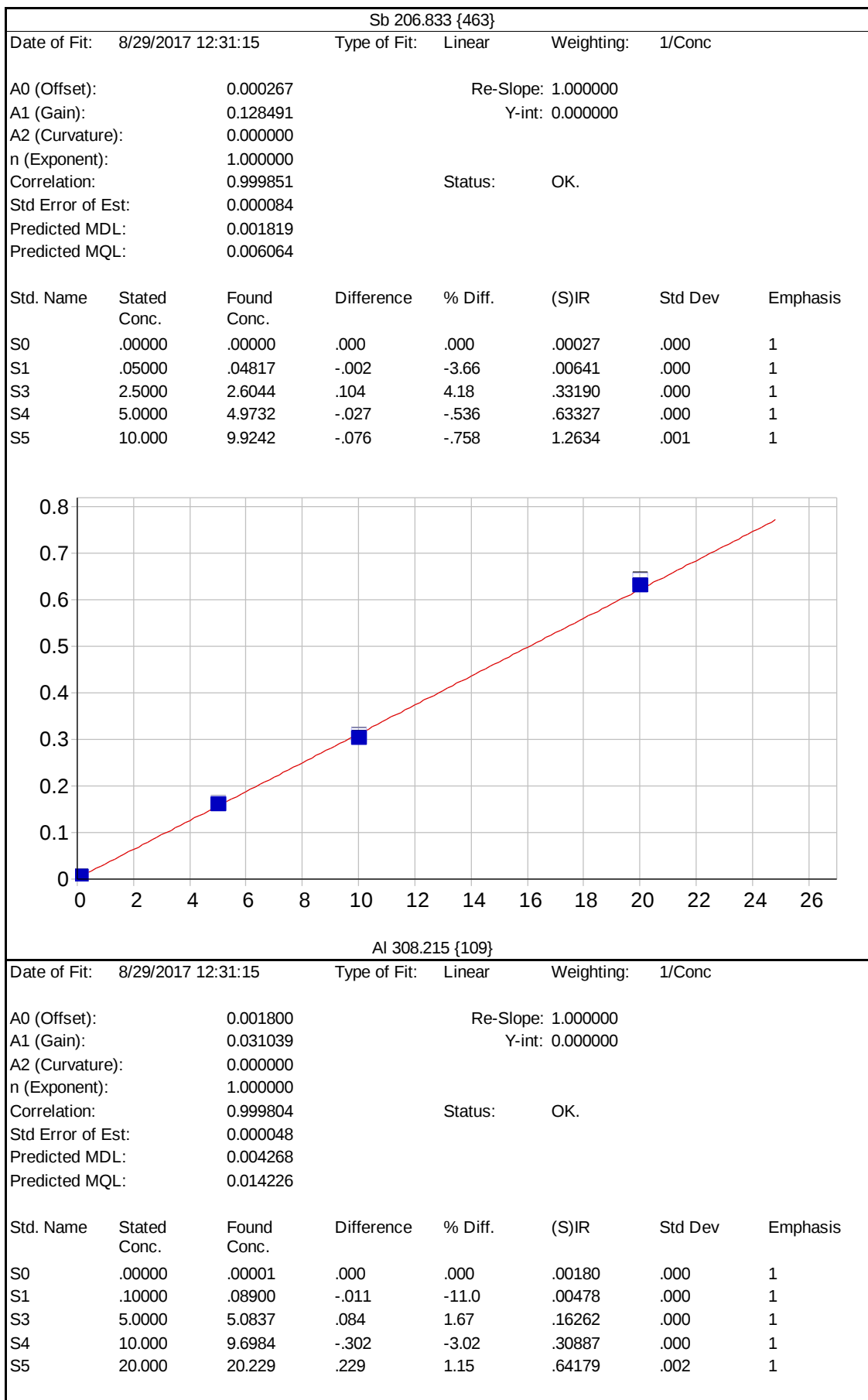
Se 196.090 {472}

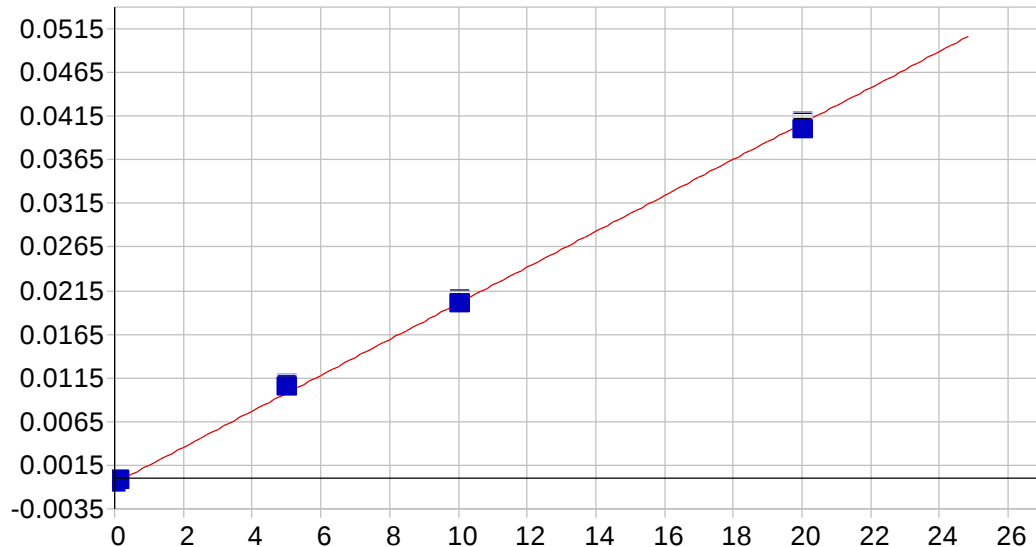
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000478 Re-Slope: 1.000000  
 A1 (Gain): 0.096430 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999680 Status: OK.  
 Std Error of Est: 0.000059  
 Predicted MDL: 0.002223  
 Predicted MQL: 0.007411

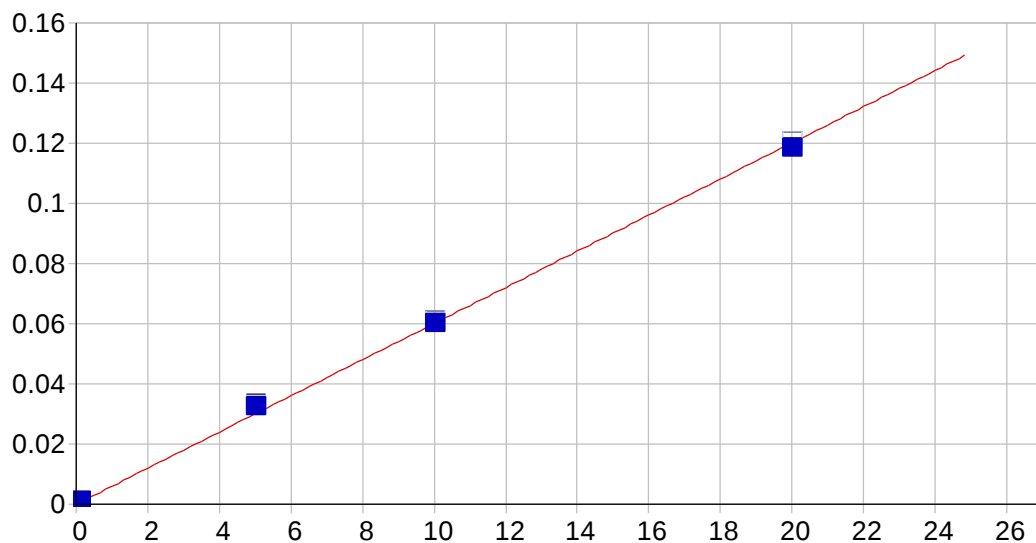
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00048 | .000    | 1        |
| S1        | .02000       | .01945      | -.001      | -2.75   | .00235 | .000    | 1        |
| S3        | 2.5000       | 2.6493      | .149       | 5.97    | .25613 | .001    | 1        |
| S4        | 5.0000       | 5.0024      | .002       | .047    | .48321 | .000    | 1        |
| S5        | 10.000       | 9.8489      | -.151      | -1.51   | .95092 | .001    | 1        |

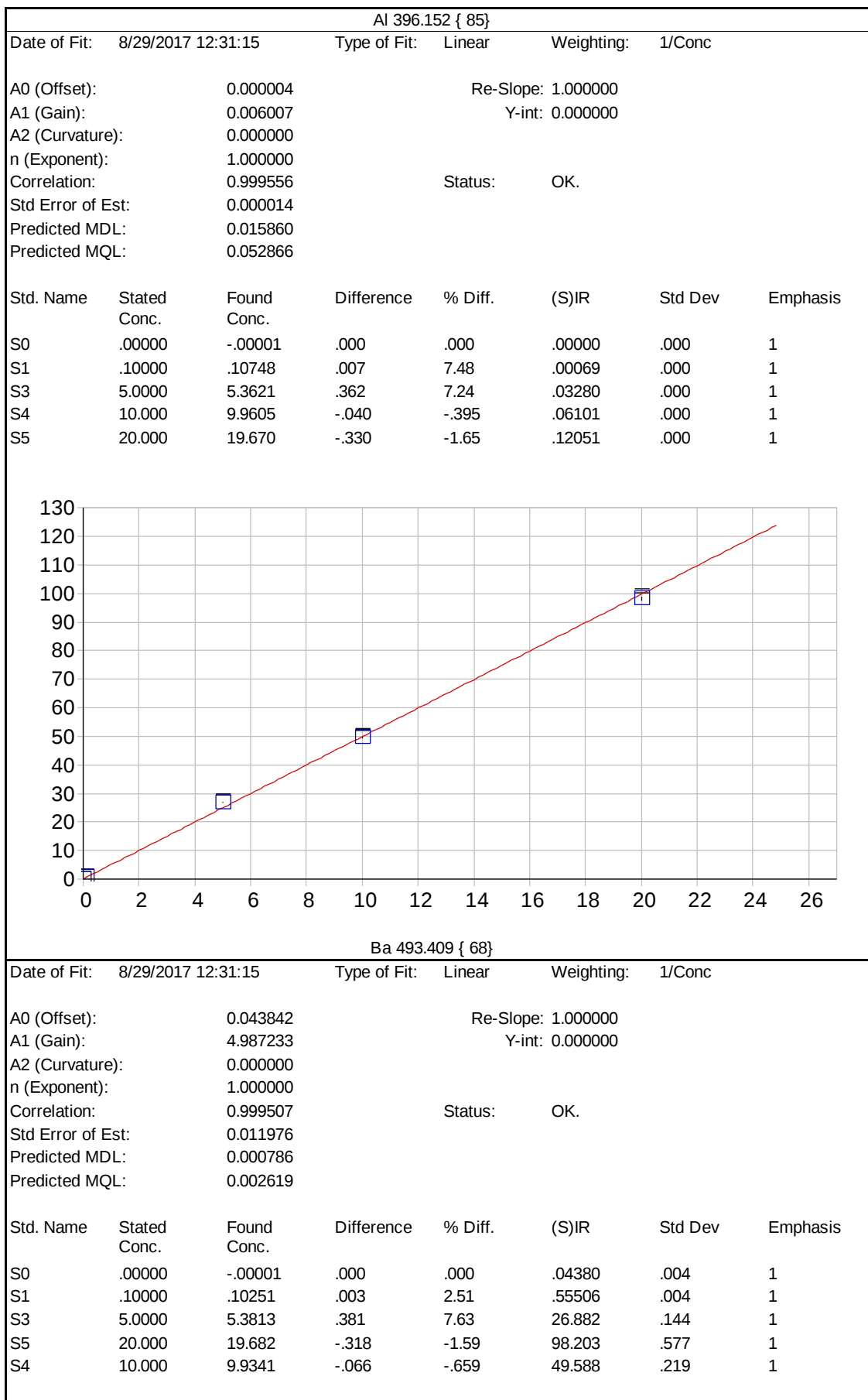


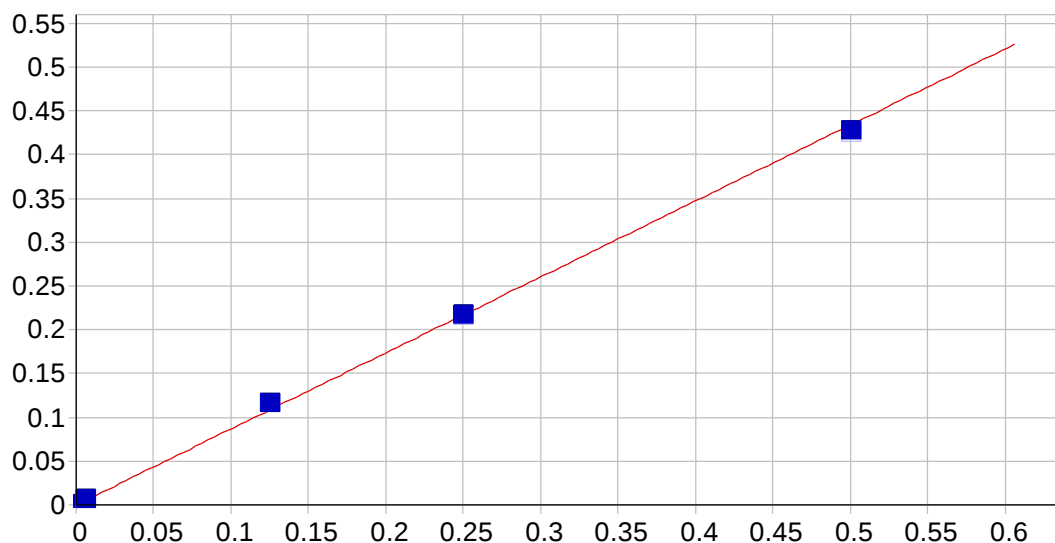




|                   |                    |             |                    |         |            |         |          |
|-------------------|--------------------|-------------|--------------------|---------|------------|---------|----------|
| AI 309.271 {109}  |                    |             |                    |         |            |         |          |
| Date of Fit:      | 8/29/2017 12:31:15 |             | Type of Fit:       | Linear  | Weighting: | 1/Conc  |          |
| A0 (Offset):      | -0.000559          |             | Re-Slope: 1.000000 |         |            |         |          |
| A1 (Gain):        | 0.002061           |             | Y-int: 0.000000    |         |            |         |          |
| A2 (Curvature):   | 0.000000           |             |                    |         |            |         |          |
| n (Exponent):     | 1.000000           |             |                    |         |            |         |          |
| Correlation:      | 0.999486           |             | Status:            | OK.     |            |         |          |
| Std Error of Est: | 0.000005           |             |                    |         |            |         |          |
| Predicted MDL:    | 0.032009           |             |                    |         |            |         |          |
| Predicted MQL:    | 0.106698           |             |                    |         |            |         |          |
|                   |                    |             |                    |         |            |         |          |
| Std. Name         | Stated Conc.       | Found Conc. | Difference         | % Diff. | (S)IR      | Std Dev | Emphasis |
| S0                | .00000             | -.00003     | .000               | .000    | -.00056    | .000    | 1        |
| S1                | .10000             | .12057      | .021               | 20.6    | -.00030    | .000    | 1        |
| S3                | 5.0000             | 5.3696      | .370               | 7.39    | .01071     | .000    | 1        |
| S4                | 10.000             | 9.9445      | -.056              | -5.55   | .02034     | .000    | 1        |
| S5                | 20.000             | 19.664      | -.336              | -1.68   | .04077     | .000    | 1        |





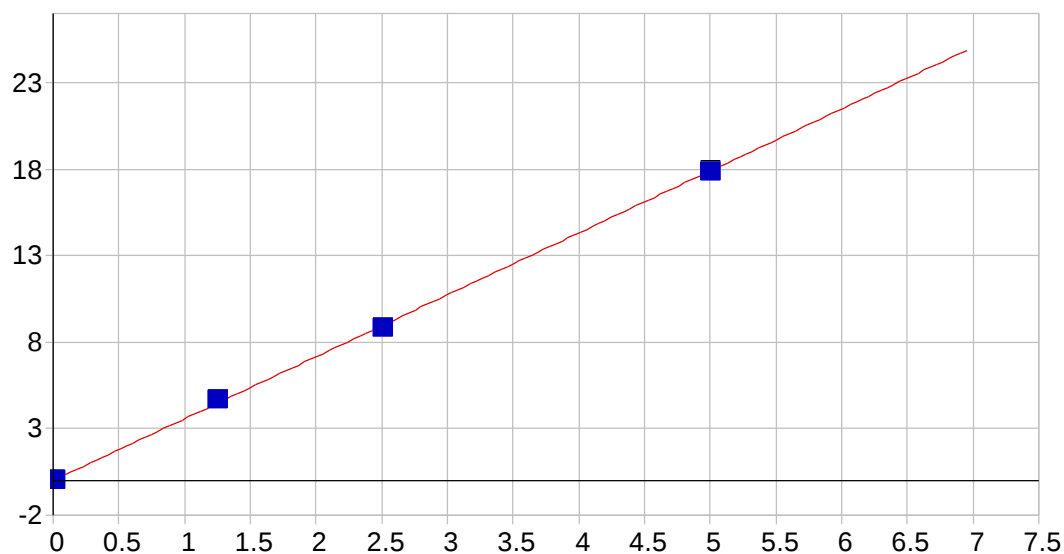


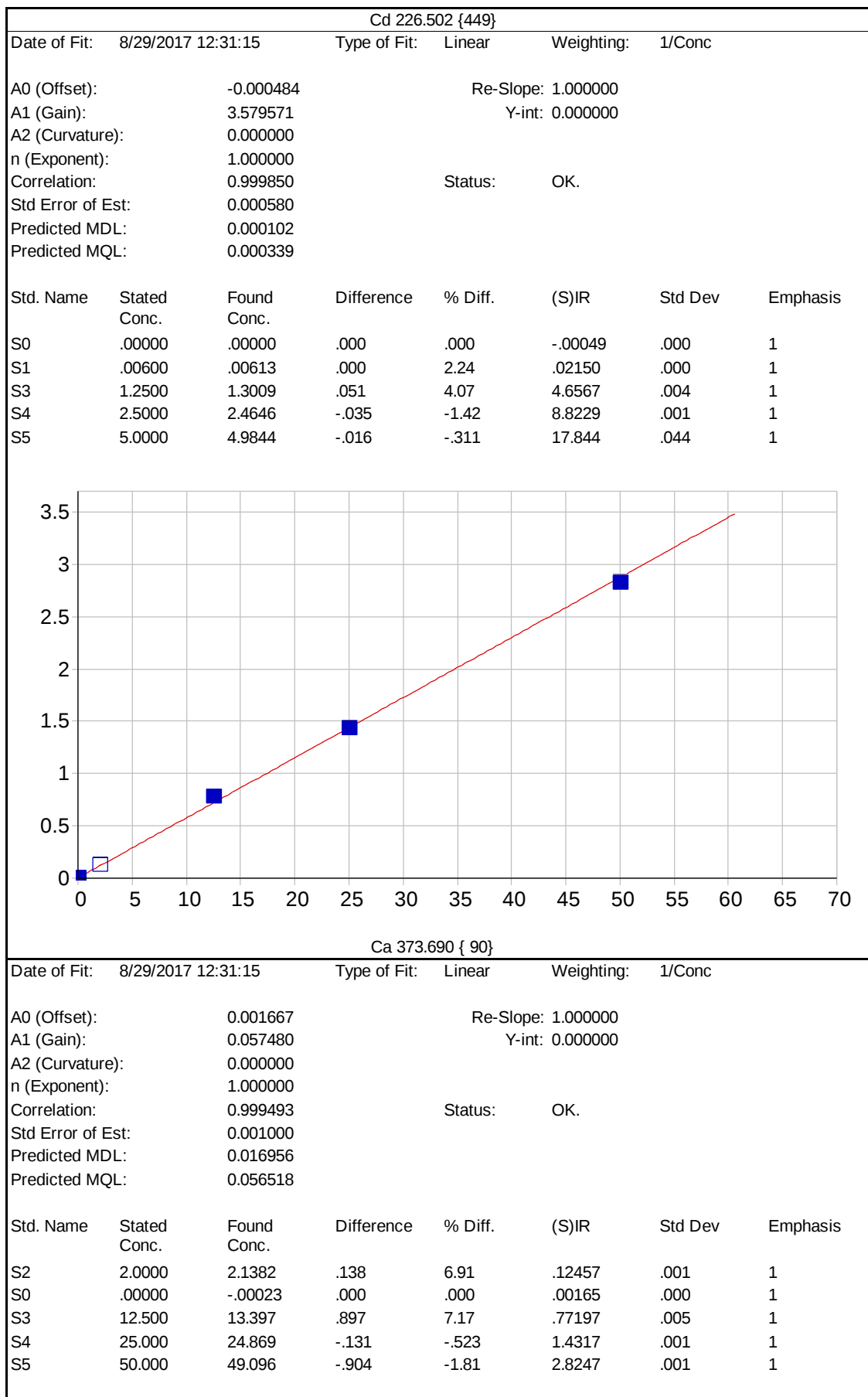
Be 234.861 {144}

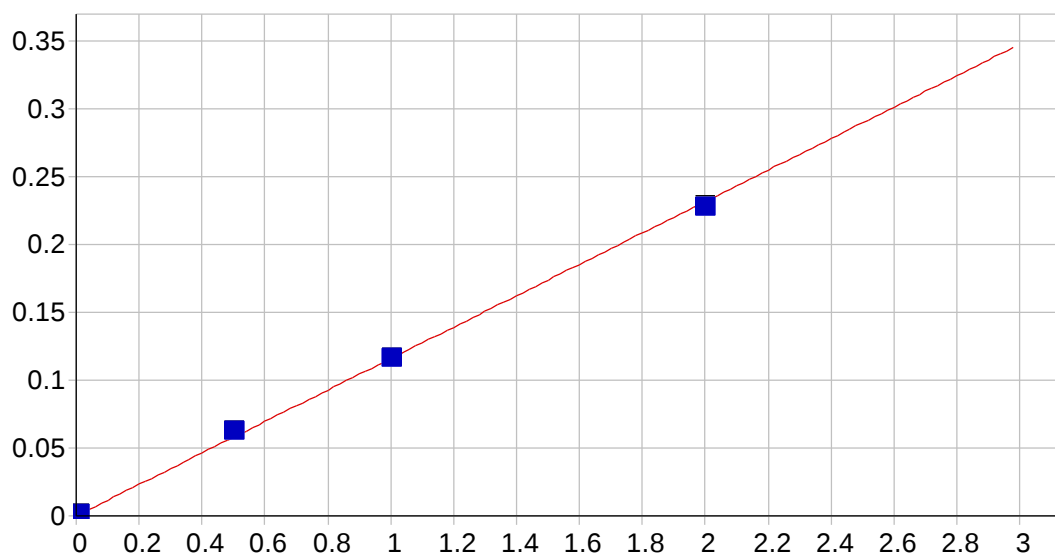
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000019 Re-Slope: 1.000000  
 A1 (Gain): 0.867659 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999595 Status: OK.  
 Std Error of Est: 0.000073  
 Predicted MDL: 0.000072  
 Predicted MQL: 0.000240

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .00600       | .00625      | .000       | 4.25    | .00539 | .000    | 1        |
| S3        | .12500       | .13337      | .008       | 6.70    | .11503 | .000    | 1        |
| S4        | .25000       | .24947      | -.001      | -.212   | .21505 | .000    | 1        |
| S5        | .50000       | .49190      | -.008      | -1.62   | .42397 | .001    | 1        |



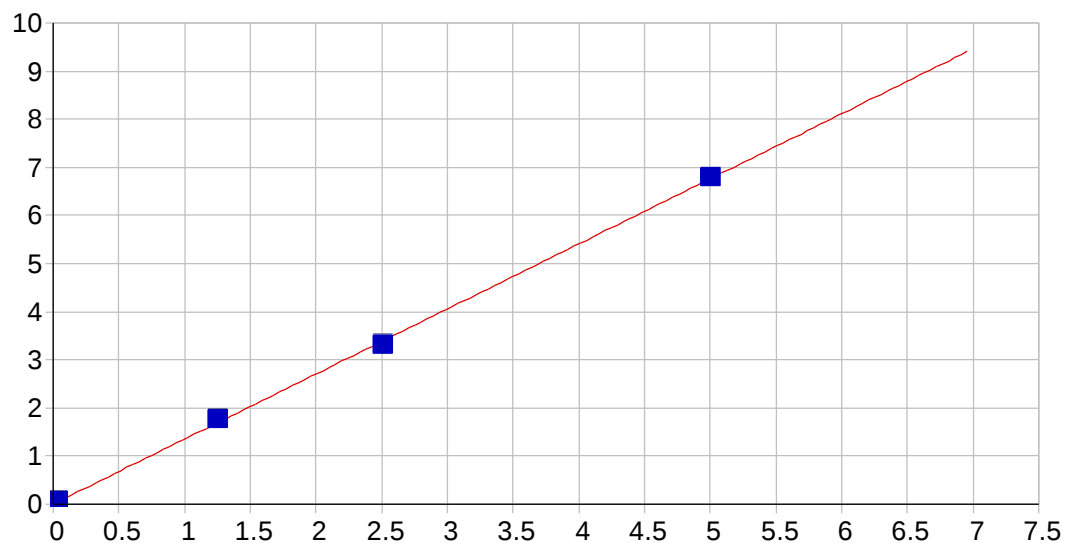


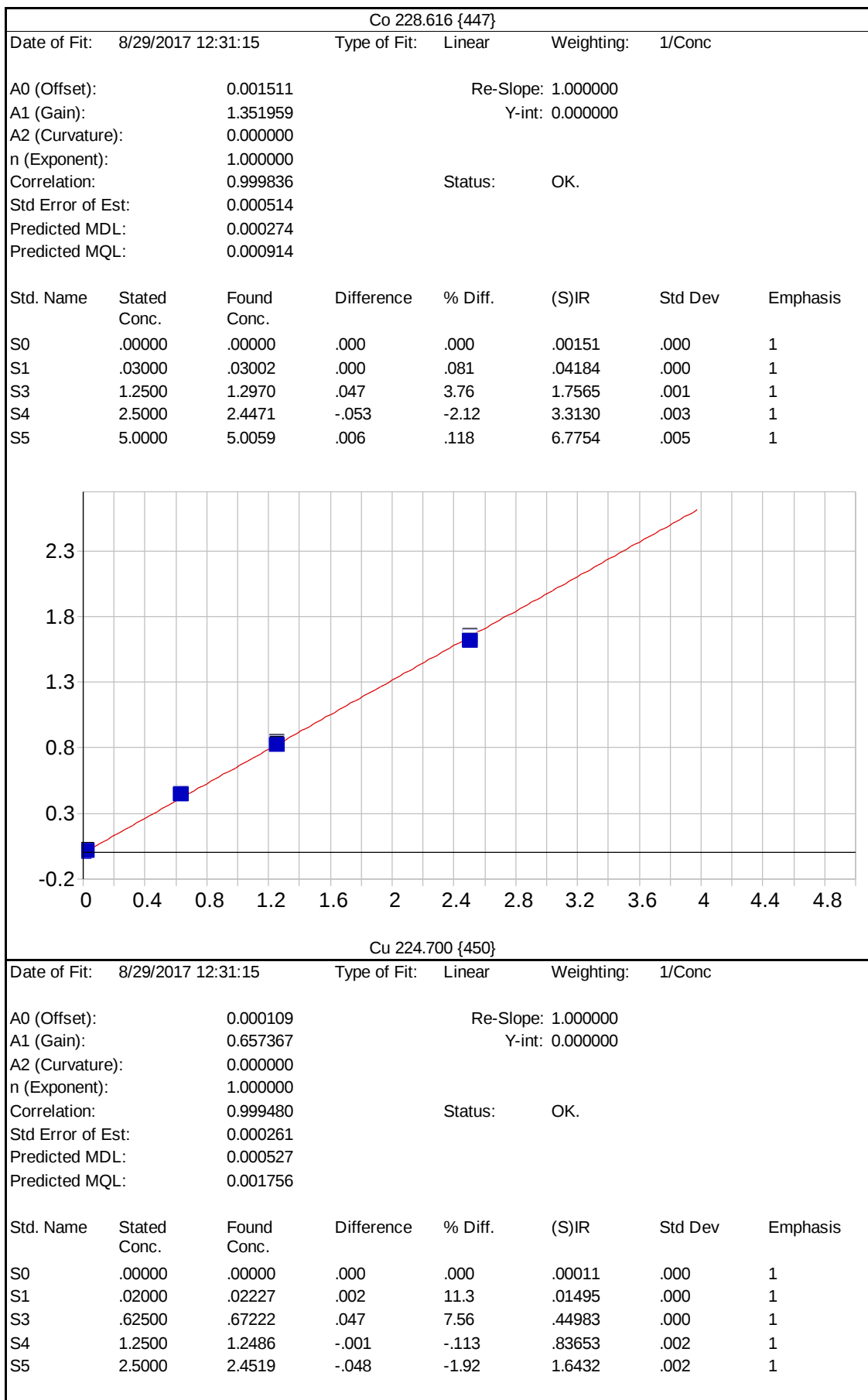


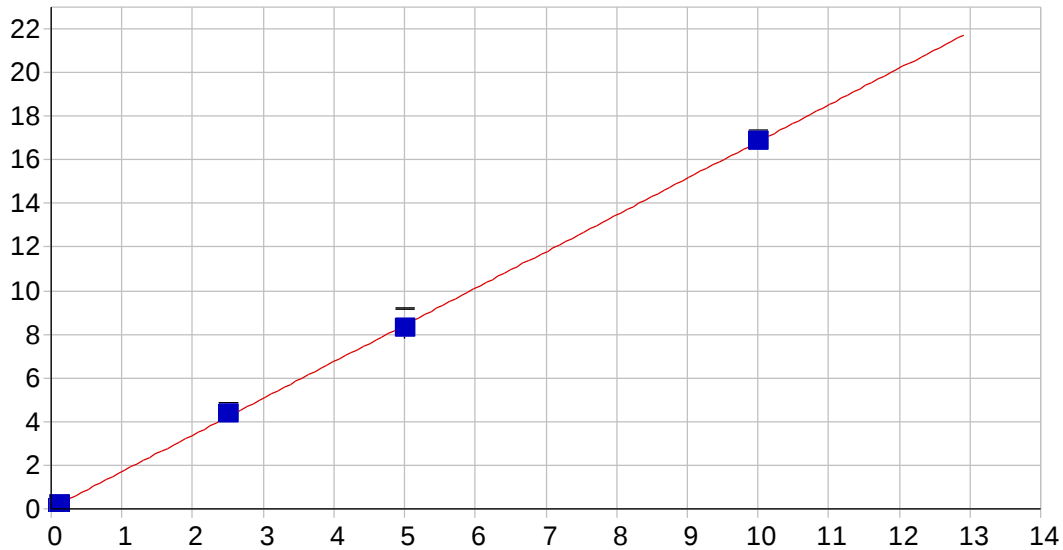
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000022 Re-Slope: 1.000000  
 A1 (Gain): 0.115885 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999515 Status: OK.  
 Std Error of Est: 0.000028  
 Predicted MDL: 0.000644  
 Predicted MQL: 0.002147

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .01000       | .01084      | .001       | 8.38    | .00128 | .000    | 1        |
| S3        | .50000       | .53667      | .037       | 7.33    | .06228 | .000    | 1        |
| S4        | 1.0000       | .99871      | -.001      | -.129   | .11588 | .000    | 1        |
| S5        | 2.0000       | 1.9638      | -.036      | -1.81   | .22785 | .001    | 1        |







Fe 240.488 {140}

Date of Fit: 8/29/2017 12:31:15

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.016712

Re-Slope: 1.000000

A1 (Gain): 1.681490

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999879

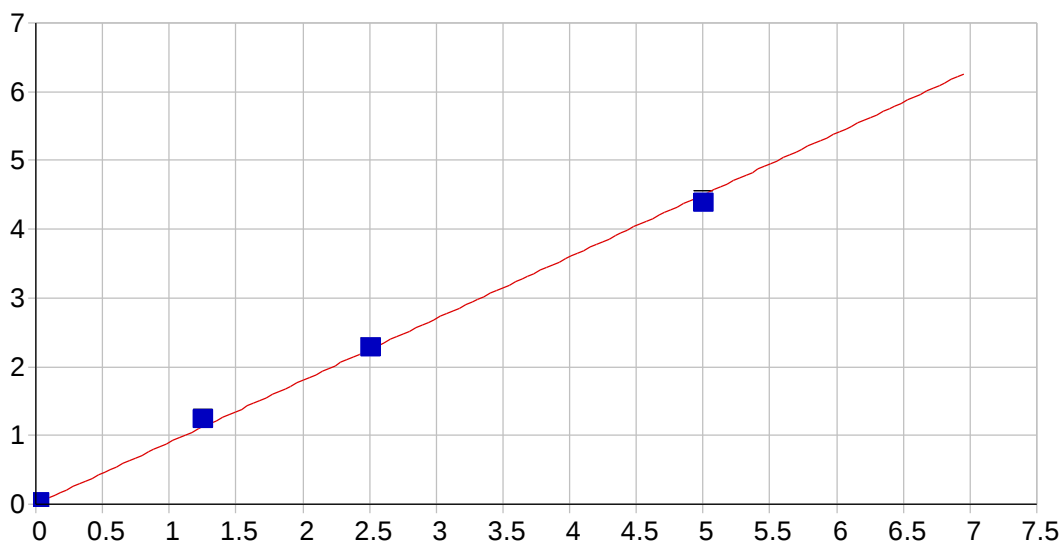
Status: OK.

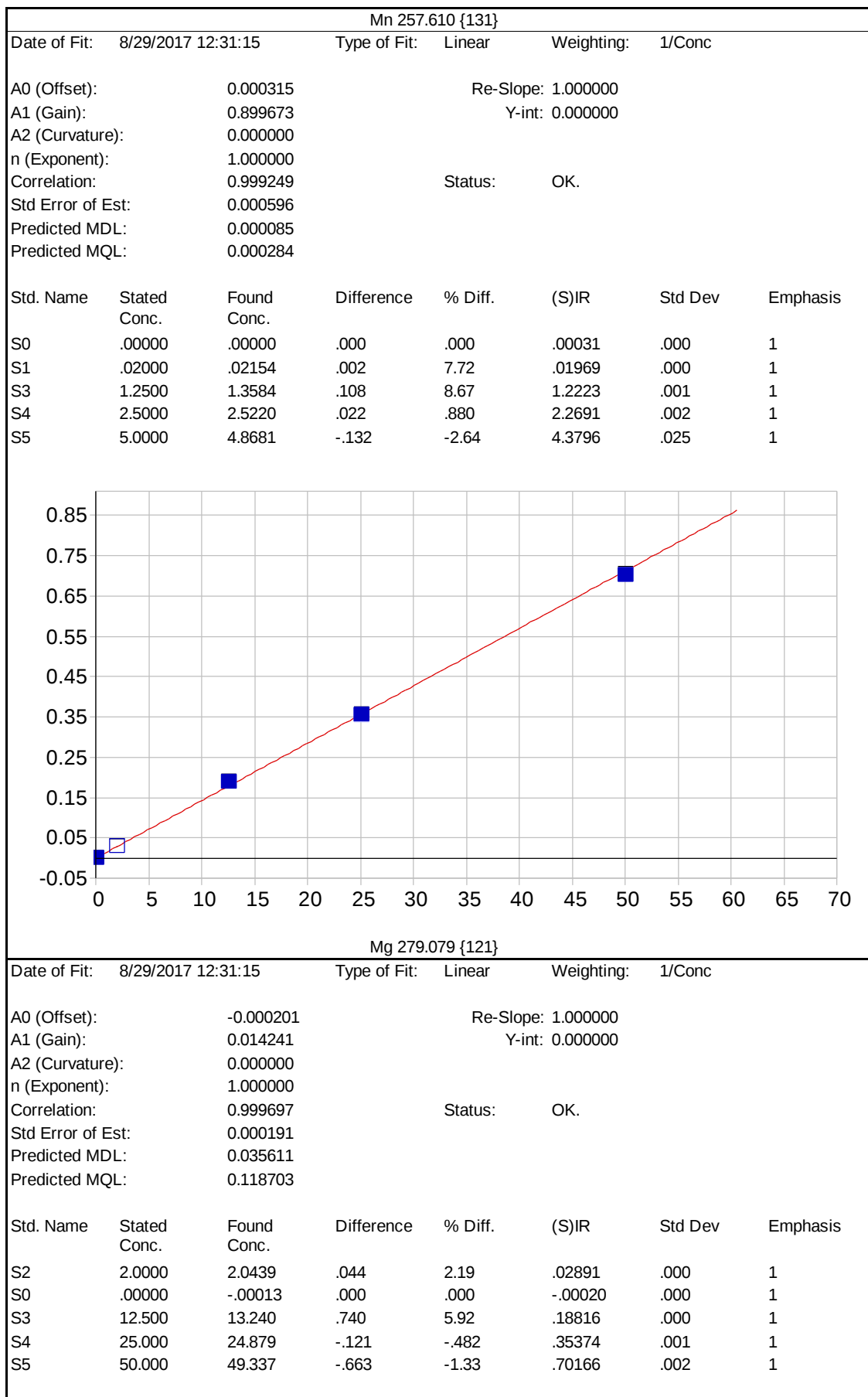
Std Error of Est: 0.001414

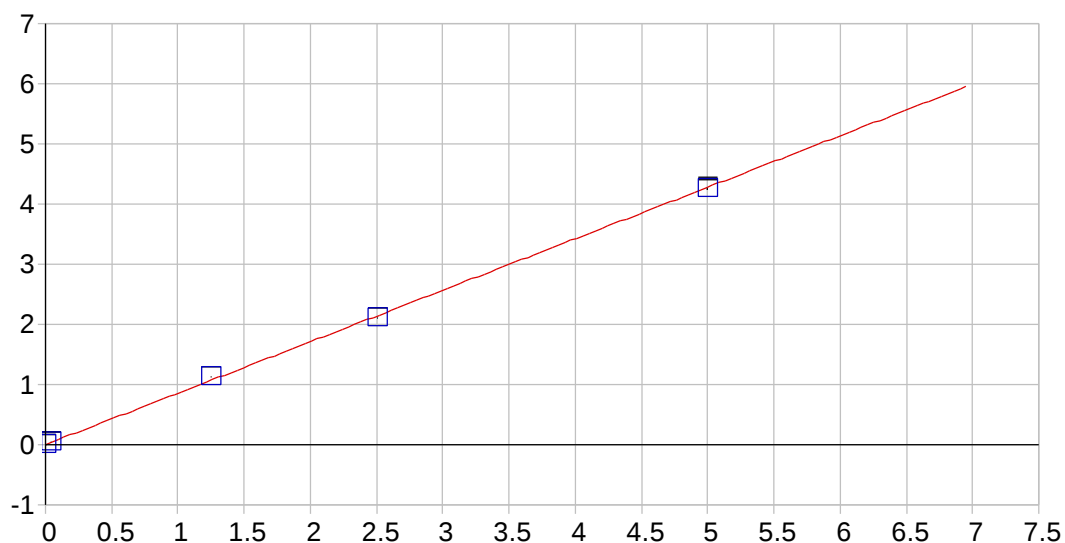
Predicted MDL: 0.009369

Predicted MQL: 0.031231

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .01672 | .006    | 1        |
| S1        | .10000       | .09665      | -.003      | -3.35   | .17904 | .002    | 1        |
| S3        | 2.5000       | 2.5803      | .080       | 3.21    | 4.3479 | .052    | 1        |
| S4        | 5.0000       | 4.9121      | -.088      | -1.76   | 8.2612 | .440    | 1        |
| S5        | 10.000       | 10.011      | .011       | .109    | 16.820 | .030    | 1        |







Ni 231.604 {445}

Date of Fit: 8/29/2017 12:31:15

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000075

Re-Slope: 1.000000

A1 (Gain): 0.855866

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999797

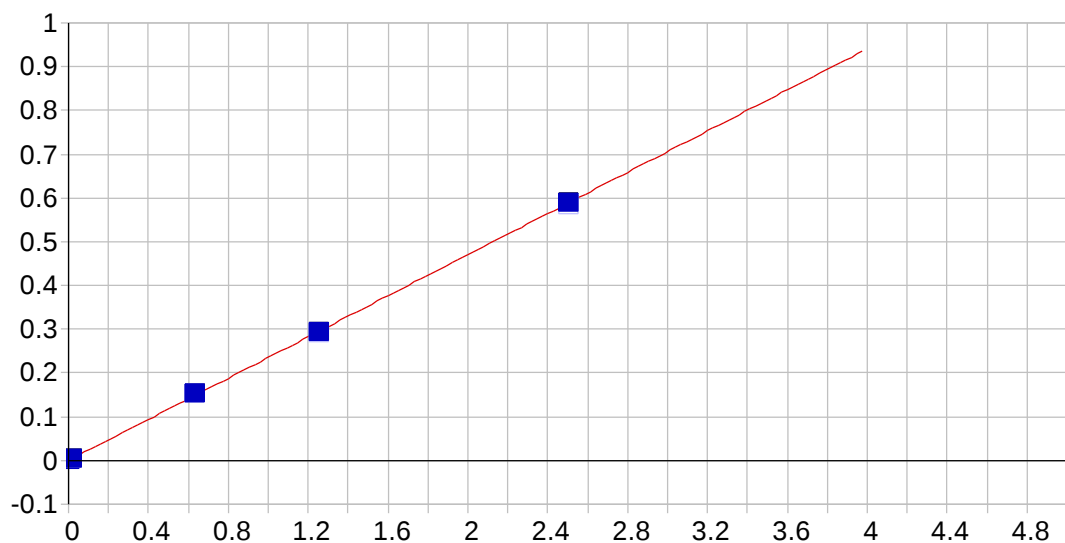
Status: OK.

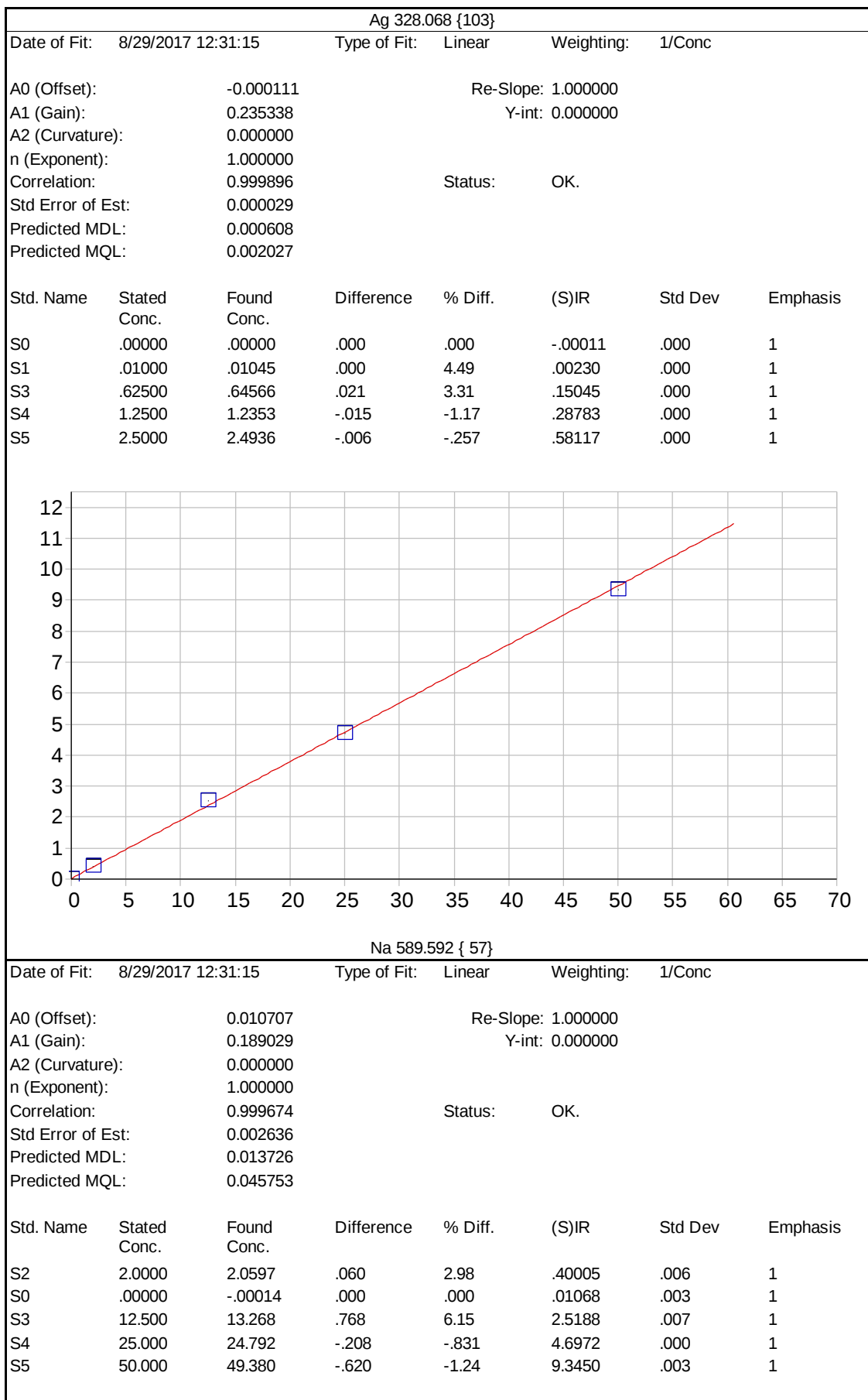
Std Error of Est: 0.000417

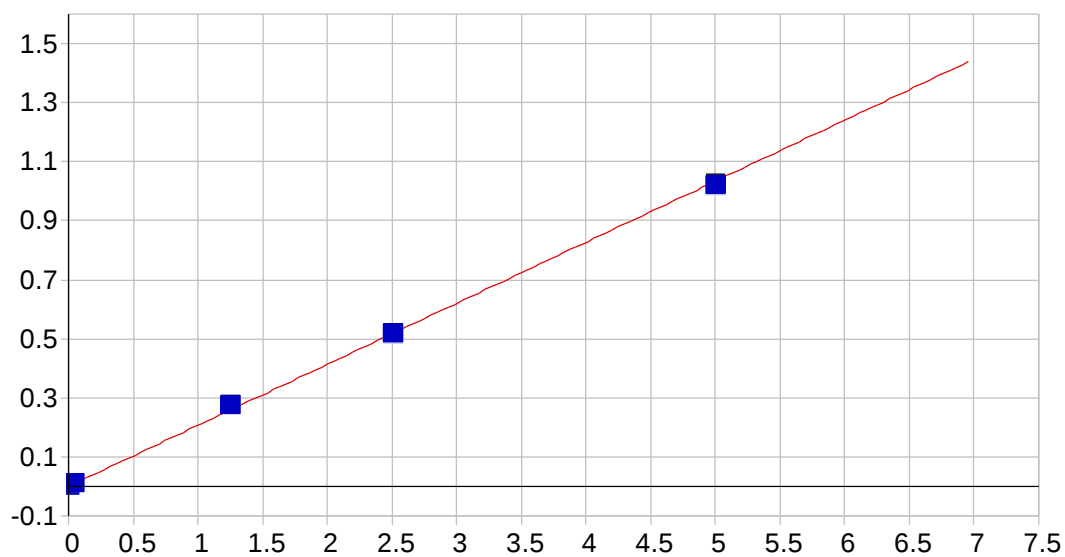
Predicted MDL: 0.000424

Predicted MQL: 0.001412

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00008 | .000    | 1        |
| S1        | .04000       | .04125      | .001       | 3.13    | .03523  | .000    | 1        |
| S3        | 1.2500       | 1.3101      | .060       | 4.81    | 1.1212  | .004    | 1        |
| S4        | 2.5000       | 2.4645      | -.036      | -1.42   | 2.1092  | .000    | 1        |
| S5        | 5.0000       | 4.9741      | -.026      | -.517   | 4.2571  | .013    | 1        |





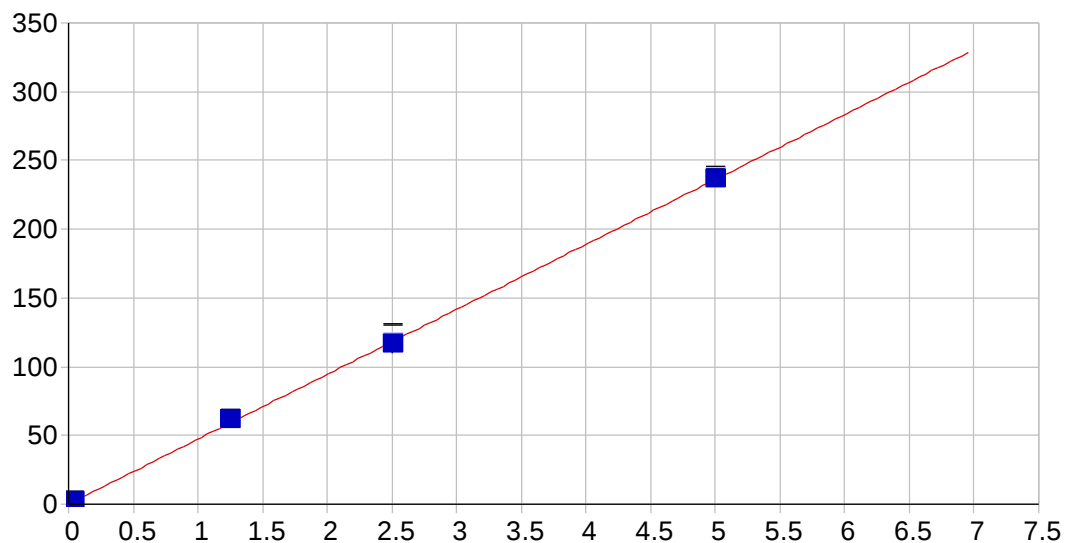


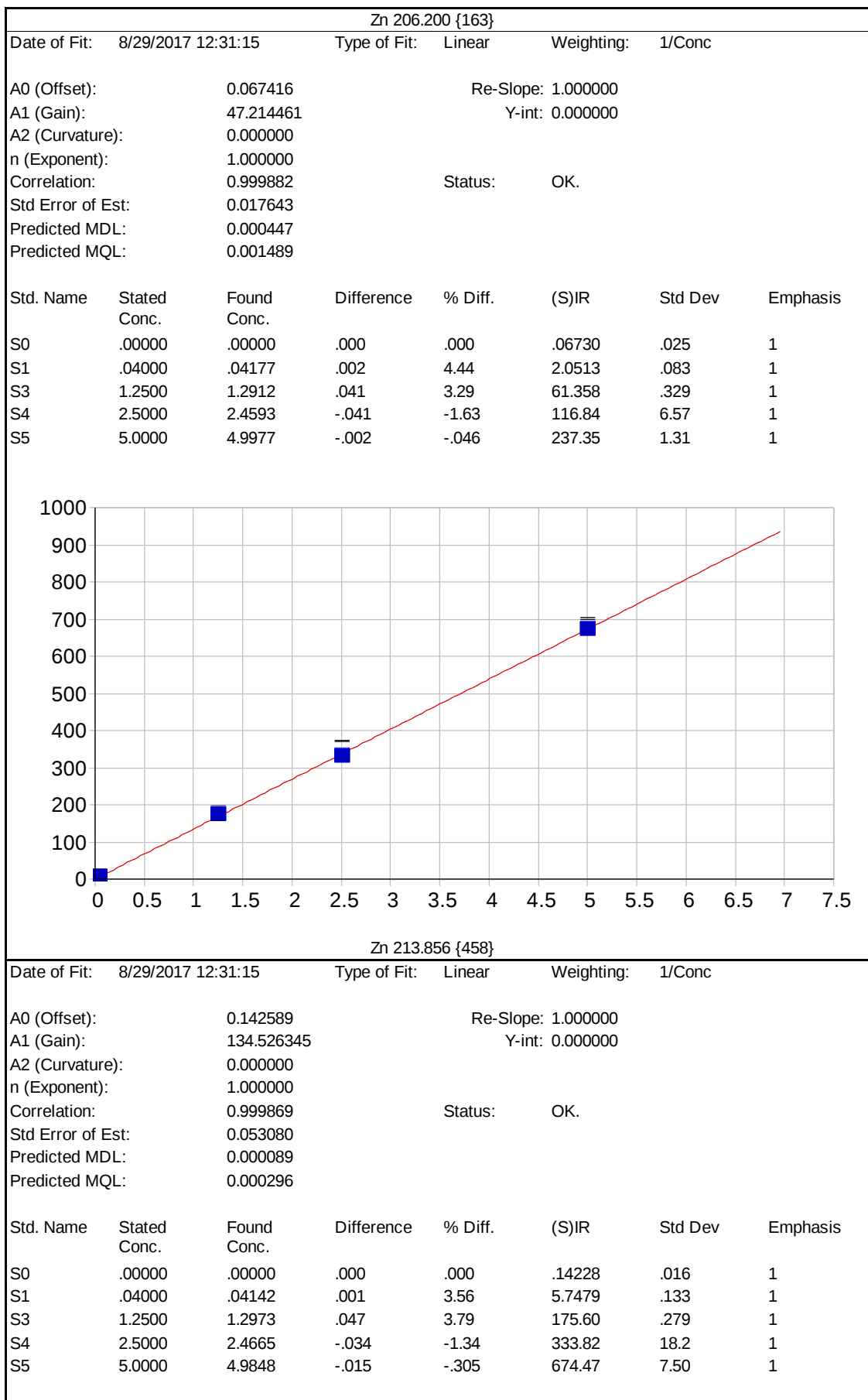
V 292.402 {115}

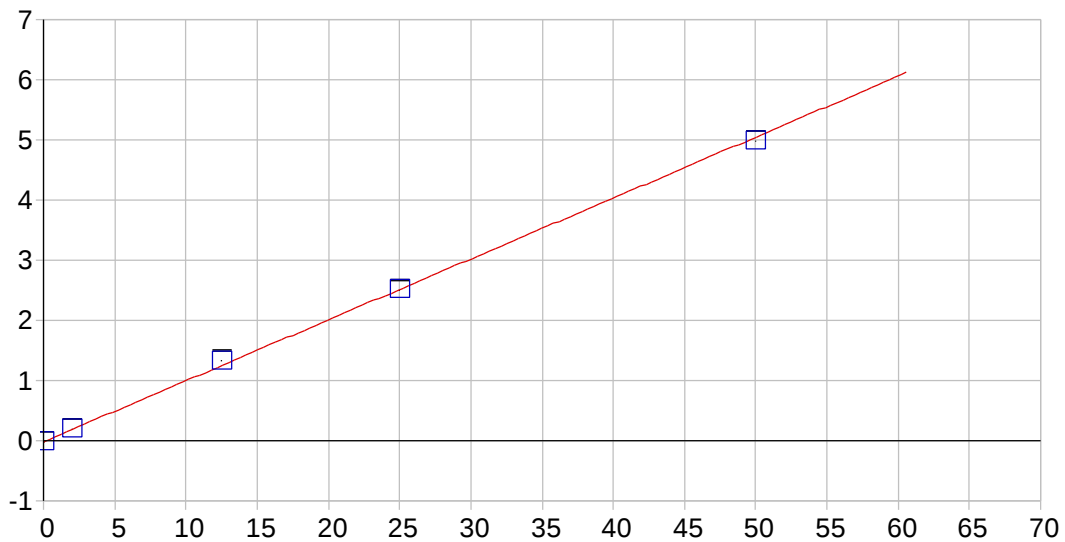
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000299 Re-Slope: 1.000000  
 A1 (Gain): 0.206848 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999676 Status: OK.  
 Std Error of Est: 0.000127  
 Predicted MDL: 0.000547  
 Predicted MQL: 0.001825

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .04000       | .04062      | .001       | 1.55    | .00797  | .000    | 1        |
| S3        | 1.2500       | 1.3267      | .077       | 6.14    | .27246  | .000    | 1        |
| S4        | 2.5000       | 2.4881      | -.012      | -.477   | .51102  | .000    | 1        |
| S5        | 5.0000       | 4.9346      | -.065      | -1.31   | 1.0138  | .001    | 1        |







K 766.490 { 44}

Date of Fit: 8/29/2017 12:31:15

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.016219

Re-Slope: 1.000000

A1 (Gain): 0.101240

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999661

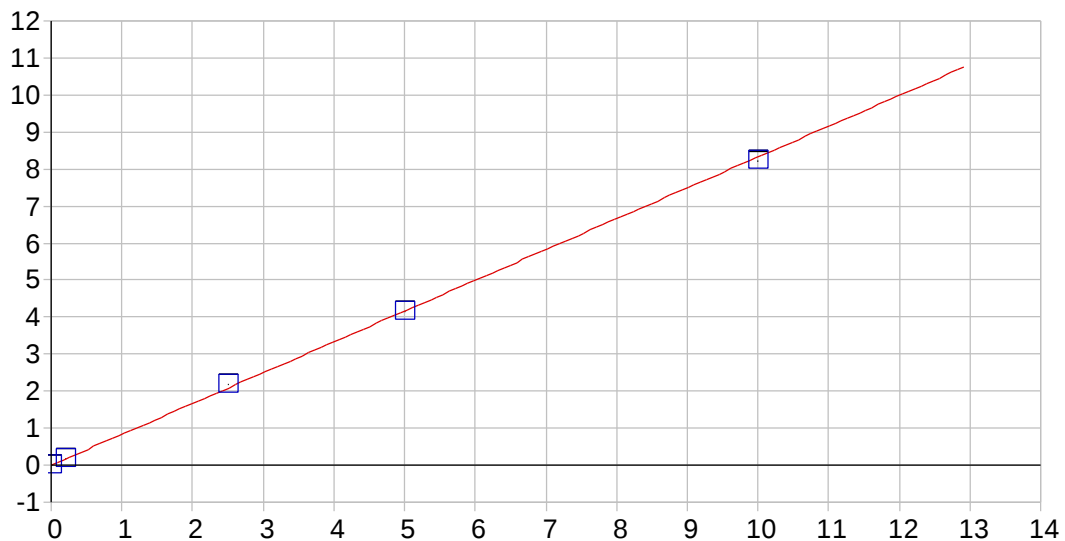
Status: OK.

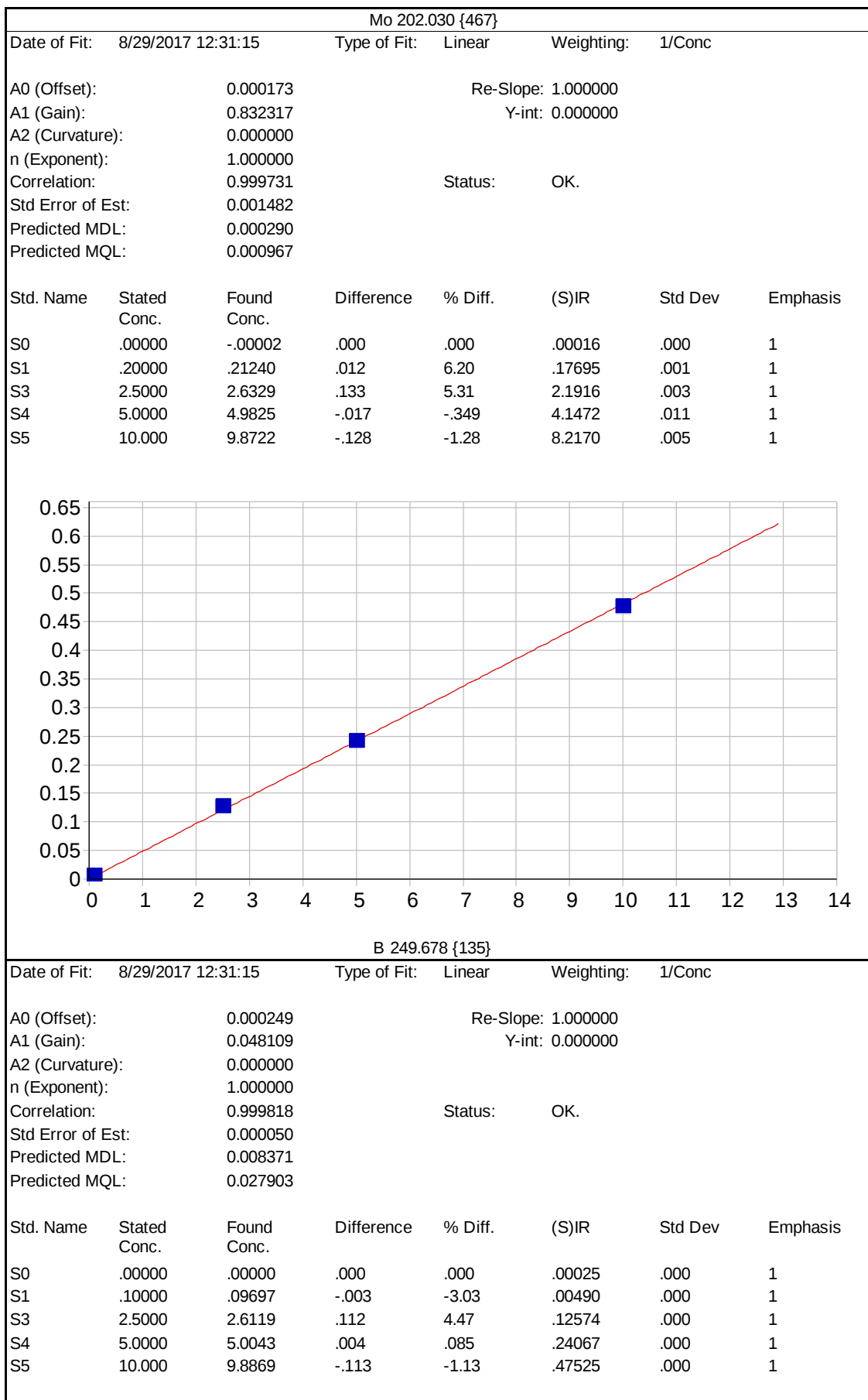
Std Error of Est: 0.001440

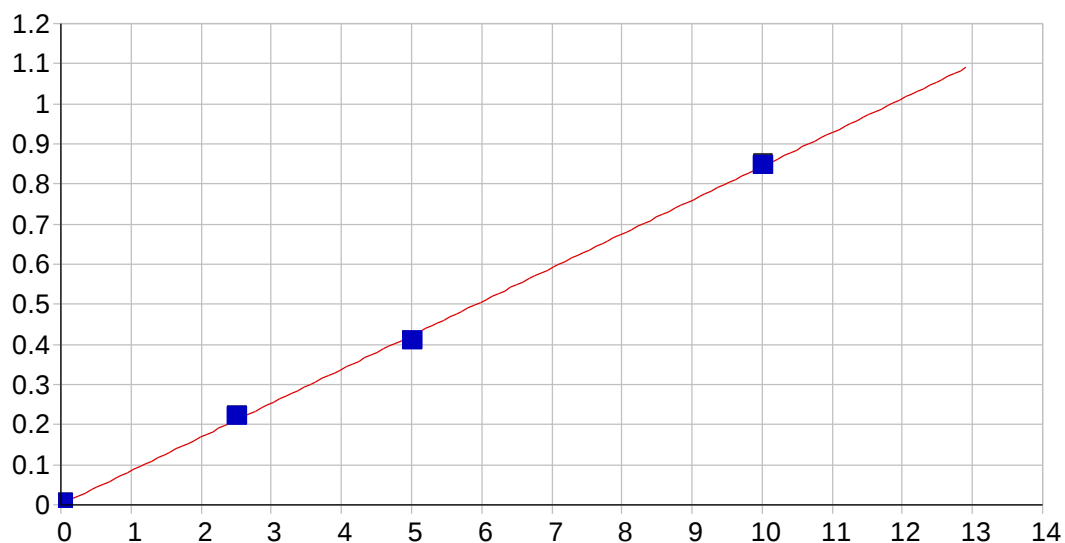
Predicted MDL: 0.034738

Predicted MQL: 0.115792

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0258      | .026       | 1.29    | .18887  | .002    | 1        |
| S0        | .00000       | -.00011     | .000       | .000    | -.01623 | .006    | 1        |
| S3        | 12.500       | 13.294      | .794       | 6.35    | 1.3297  | .003    | 1        |
| S4        | 25.000       | 24.858      | -.142      | -.570   | 2.5004  | .011    | 1        |
| S5        | 50.000       | 49.323      | -.677      | -1.35   | 4.9772  | .000    | 1        |





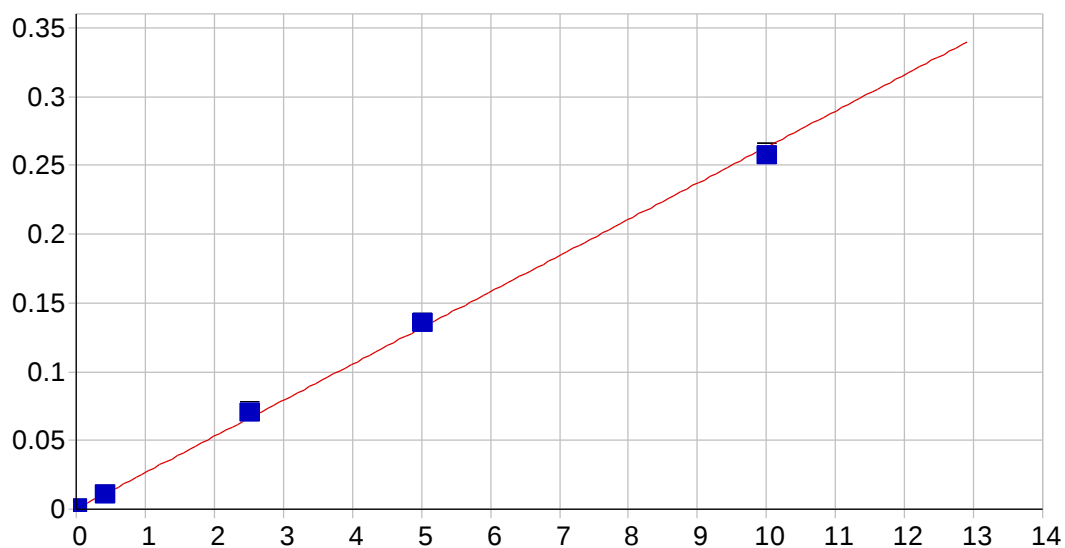


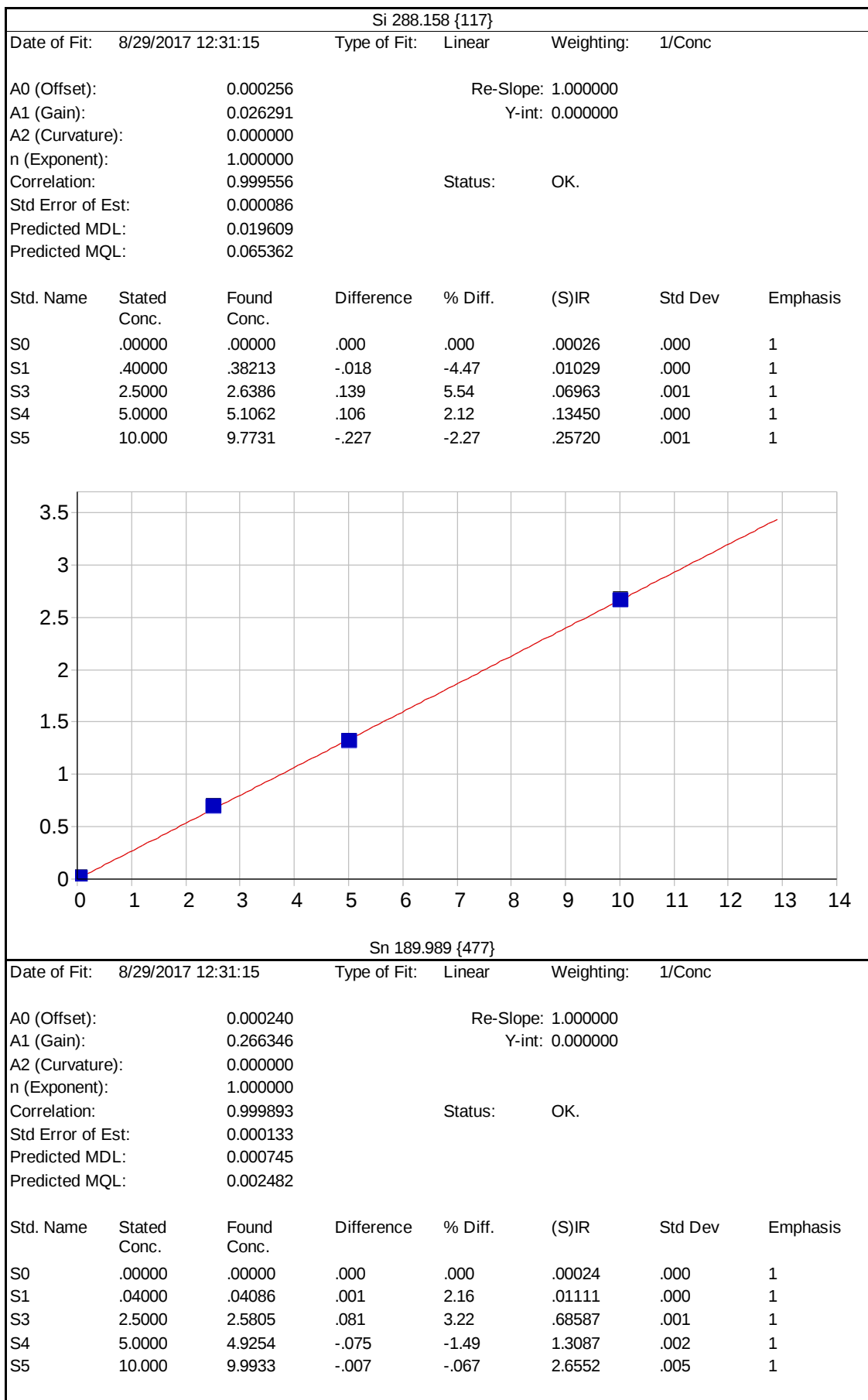
S 182.034 {485}

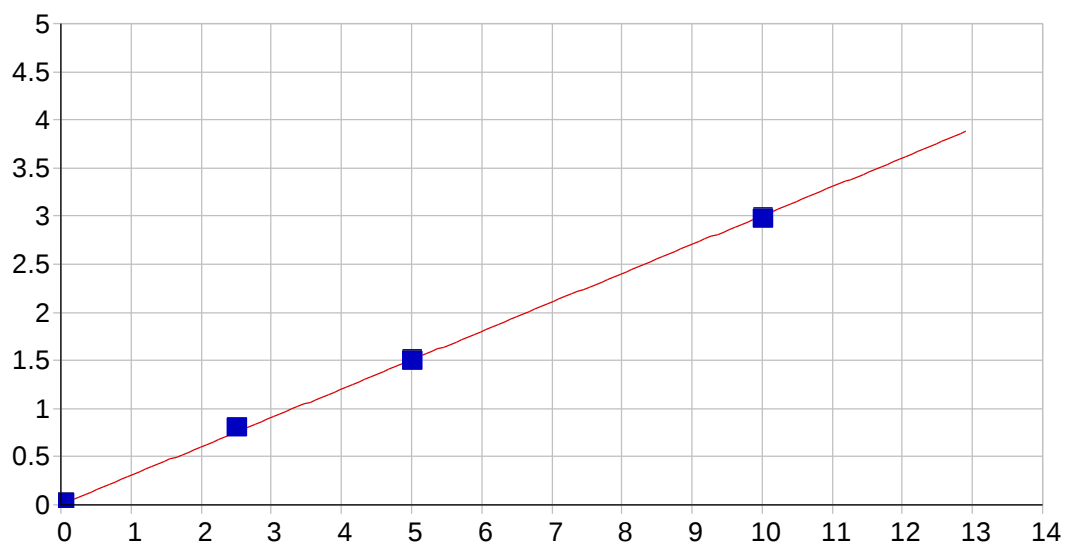
Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000191 Re-Slope: 1.000000  
 A1 (Gain): 0.084388 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999721 Status: OK.  
 Std Error of Est: 0.000048  
 Predicted MDL: 0.002405  
 Predicted MQL: 0.008018

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00019 | .000    | 1        |
| S1        | .02000       | .02098      | .001       | 4.91    | .00192 | .000    | 1        |
| S3        | 2.5000       | 2.6116      | .112       | 4.46    | .22016 | .000    | 1        |
| S4        | 5.0000       | 4.8490      | -.151      | -3.02   | .40856 | .000    | 1        |
| S5        | 10.000       | 10.038      | .038       | .384    | .84565 | .003    | 1        |





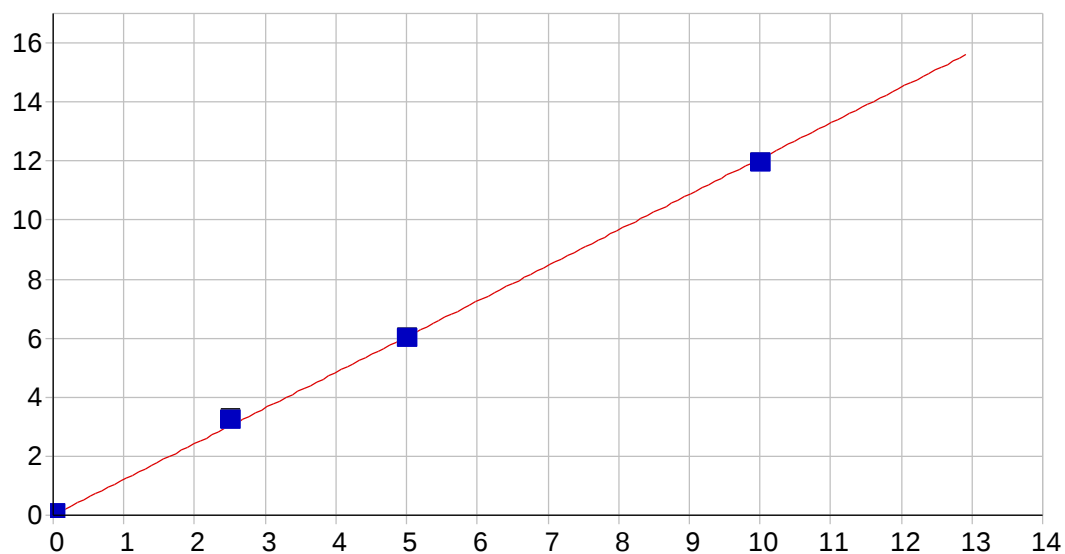


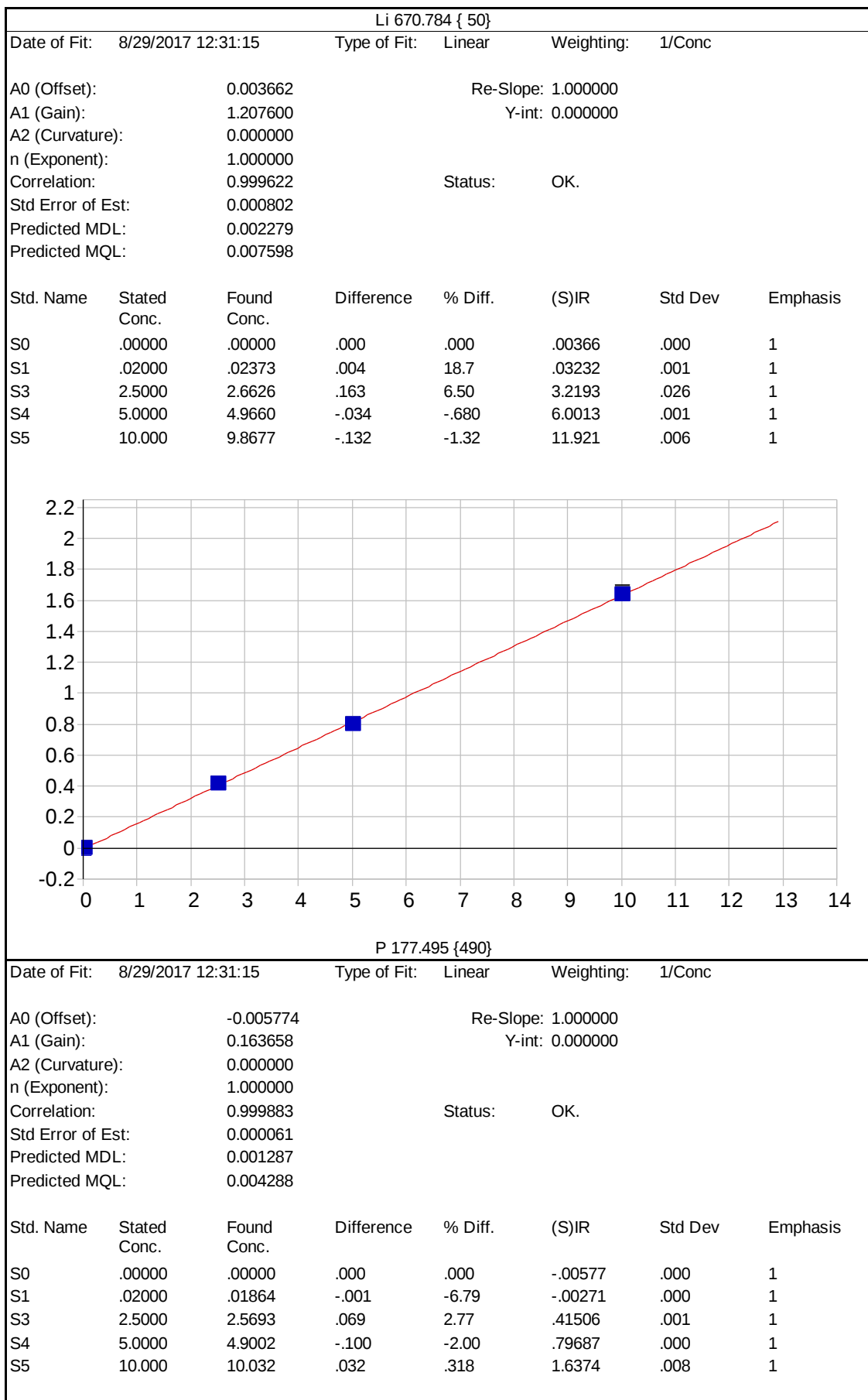
Ti 336.121 {100}

Date of Fit: 8/29/2017 12:31:15 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004099 Re-Slope: 1.000000  
 A1 (Gain): 0.300004 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999754 Status: OK.  
 Std Error of Est: 0.000227  
 Predicted MDL: 0.002235  
 Predicted MQL: 0.007449

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00410 | .000    | 1        |
| S1        | .04000       | .04015      | .000       | .369    | .01613 | .001    | 1        |
| S3        | 2.5000       | 2.6352      | .135       | 5.41    | .79433 | .004    | 1        |
| S4        | 5.0000       | 4.9729      | -.027      | -.542   | 1.4953 | .001    | 1        |
| S5        | 10.000       | 9.8917      | -.108      | -1.08   | 2.9703 | .001    | 1        |



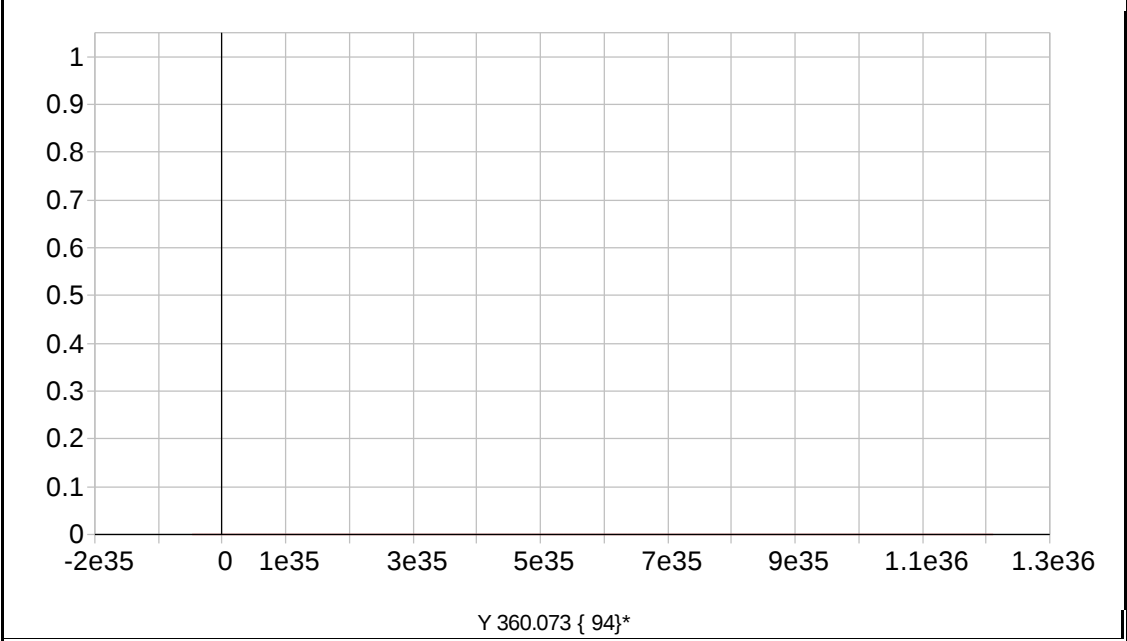




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

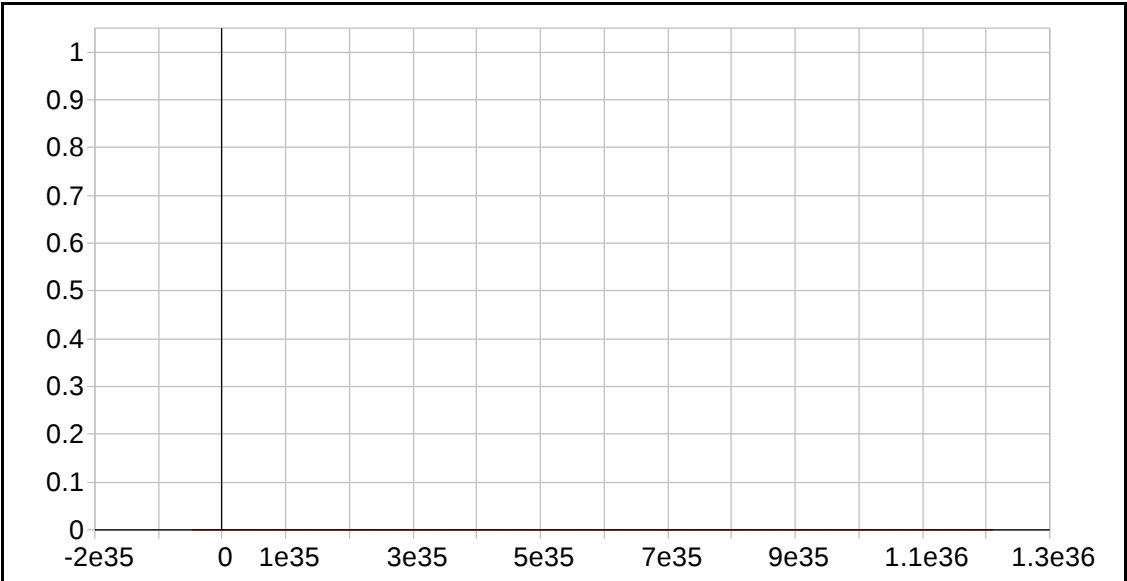
Status:      Warning      Zero Gain

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

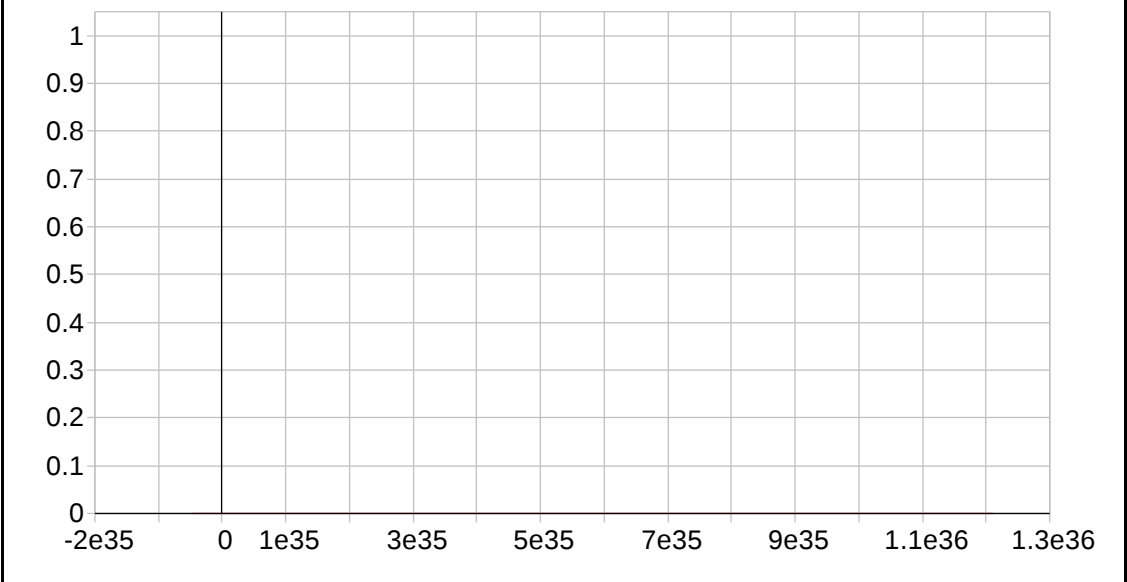
Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

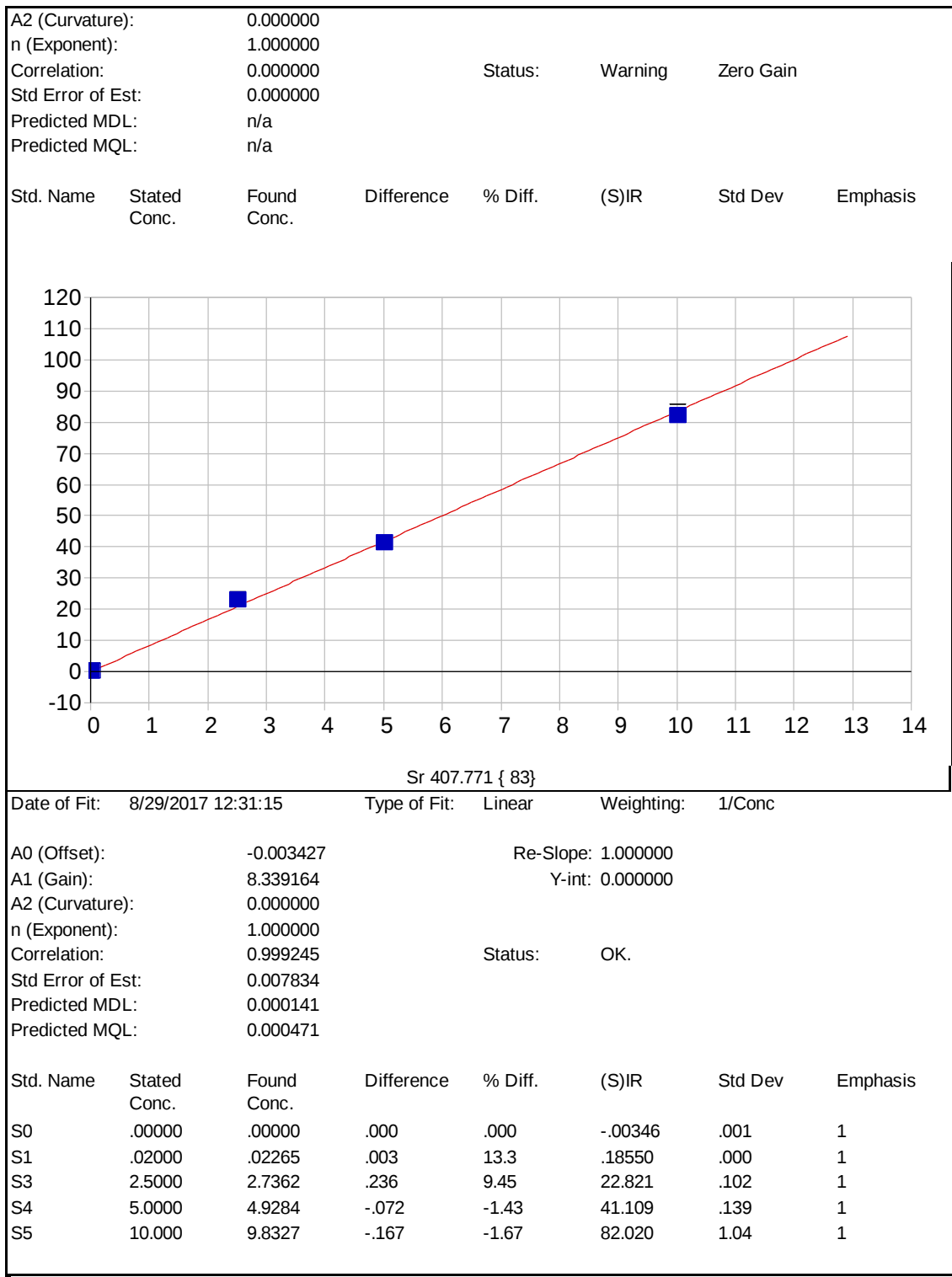
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



| ln 230.606 {146}* |              |             |              |         |            |         |          |
|-------------------|--------------|-------------|--------------|---------|------------|---------|----------|
| 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 |



|                   |  |           |  |              |  |          |  |
|-------------------|--|-----------|--|--------------|--|----------|--|
| ln 230.606 {446}* |  |           |  |              |  |          |  |
| Date of Fit:      |  | <not fit> |  | Type of Fit: |  | Linear   |  |
|                   |  |           |  | Weighting:   |  | 1/Conc   |  |
| A0 (Offset):      |  | 0.000000  |  | Re-Slope:    |  | 1.000000 |  |
| A1 (Gain):        |  | 0.000000  |  | Y-int:       |  | 0.000000 |  |



Sample Name: S0      Acquired: 8/29/2017 11:28:19      Type: Cal  
Method: P4-ICP2(v1696)      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    | .00046 | .00100 | .00023 | .00048 | .00027 | .00000 | .04380 | .00002 |
| Stddev | .00022 | .00008 | .00003 | .00001 | .00010 | .00000 | .00355 | .00001 |
| %RSD   | 46.633 | 7.5870 | 10.848 | 1.4514 | 39.175 | 95.258 | 8.1088 | 56.069 |

|    |         |         |        |        |        |        |        |        |
|----|---------|---------|--------|--------|--------|--------|--------|--------|
| #1 | -.00062 | -.00095 | .00025 | .00048 | .00034 | .00000 | .04631 | .00003 |
| #2 | -.00031 | -.00106 | .00021 | .00047 | .00019 | .00001 | .04129 | .00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .00049 | .00165 | .00002 | .00151 | .00011 | .01672 | .00031 | .00020 |
| Stddev | .00021 | .00027 | .00001 | .00003 | .00027 | .00582 | .00004 | .00019 |
| %RSD   | 43.320 | 16.559 | 67.603 | 1.7173 | 254.98 | 34.823 | 12.078 | 93.931 |

|    |         |        |        |        |         |        |        |         |
|----|---------|--------|--------|--------|---------|--------|--------|---------|
| #1 | -.00063 | .00146 | .00003 | .00149 | .00030  | .02083 | .00029 | -.00034 |
| #2 | -.00034 | .00185 | .00001 | .00153 | -.00009 | .01260 | .00034 | -.00007 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| 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    | .00008 | .00011 | .01068 | .00030  | .14228 | .01623  | .00016 | .00025  |
| Stddev | .00014 | .00007 | .00310 | .00008  | .01620 | .00556  | .00019 | .00004  |
| %RSD   | 183.97 | 66.735 | 29.069 | 26.320  | 11.387 | 34.265  | 121.72 | 17.575  |

|    |         |         |        |         |        |         |        |        |
|----|---------|---------|--------|---------|--------|---------|--------|--------|
| #1 | -.00018 | -.00006 | .00848 | -.00036 | .15374 | -.02016 | .00029 | .00028 |
| #2 | .00002  | -.00016 | .01288 | -.00024 | .13083 | -.01230 | .00002 | .00022 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| Elem   | S_ 1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_ 1774 | Sr4077 |  |
| Units  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |  |
| Avg    | .00019  | .00026 | .00024 | .00410 | .00366 | .0058   | .00346 |  |
| Stddev | .00019  | .00021 | .00017 | .00040 | .00046 | .0000   | .00071 |  |
| %RSD   | 98.712  | 80.931 | 71.183 | 9.8719 | 12.613 | .1796   | 20.447 |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00032 | .00011 | .00036 | .00381 | .00398 | -.0058 | -.00296 |  |
| #2 | .00006 | .00040 | .00012 | .00438 | .00333 | -.0058 | -.00396 |  |

Sample Name: S0      Acquired: 8/29/2017 11:28:19      Type: Cal  
Method: P4-ICP2(v1696)      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       | 4712.2  | 57291.  | 4921.4  | 31.414 | 3932.9 |
| Stddev    | 17.5    | 251.    | 26.0    | 3.375  | 11.7   |
| %RSD      | .37189  | .37291  | .52863  | 3.6918 | .29744 |
| #1        | 4699.8  | 67468.  | 4903.0  | 89.027 | 3924.6 |
| #2        | 4724.5  | 67113.  | 4939.8  | 93.800 | 3941.1 |

Sample Name: S1      Acquired: 8/29/2017 11:32:22      Type: Cal  
Method: P4-ICP2(v1696)      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    | .00130 | .00349 | .00276 | .00235 | .00641 | .00069 | .55506 | .00539 | .02150 |
| Stddev | .00017 | .00017 | .00004 | .00021 | .00014 | .00001 | .00427 | .00002 | .00020 |
| %RSD   | 13.153 | 4.8243 | 1.6292 | 8.8410 | 2.1700 | 1.6328 | .76876 | .46231 | .91280 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00118 | .00361 | .00279 | .00250 | .00631 | .00070 | .55204 | .00541 | .02163 |
| #2 | .00143 | .00337 | .00272 | .00220 | .00650 | .00068 | .55808 | .00537 | .02136 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00128 | .04184 | .01495 | .17904 | .01969 | .03523 | .00230 | .00797  | 5.7479 |
| Stddev | .00001 | .00005 | .00010 | .00192 | .00001 | .00013 | .00004 | .00001  | .1331  |
| %RSD   | .70848 | .11407 | .66914 | 1.0738 | .03529 | .37450 | 1.7592 | .17937  | 2.3161 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00127 | .04181 | .01488 | .17768 | .01969 | .03514 | .00228 | .00798 | 5.6537 |
| #2 | .00129 | .04188 | .01502 | .18040 | .01970 | .03533 | .00233 | .00796 | 5.8420 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .17695 | .00490  | .00192  | .01029 | .01111 | .01613 | .03232 | .0027   | .18550 |
| Stddev | .00051 | .00003  | .00002  | .00020 | .00018 | .00050 | .00089 | .0001   | .00040 |
| %RSD   | .28877 | .52322  | 1.1606  | 1.9833 | 1.6486 | 3.1078 | 2.7647 | 4.863   | .21308 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .17659 | .00488 | .00193 | .01044 | .01123 | .01578 | .03296 | -.0028 | .18578 |
| #2 | .17731 | .00491 | .00190 | .01015 | .01098 | .01649 | .03169 | -.0026 | .18522 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4713.3  | 57369.  | 4934.8  | 93.070 | 3979.1 |
| Stddev    | 3.1     | 153.    | 13.6    | 2.382  | 3.3    |
| %RSD      | .06479  | .22762  | .27488  | 2.5590 | .08411 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4711.2 | 67260. | 4925.2 | 94.755 | 3981.4 |
| #2 | 4715.5 | 67477. | 4944.4 | 91.386 | 3976.7 |

Sample Name: S2      Acquired: 8/29/2017 11:36:32      Type: Cal  
Method: P4-ICP2(v1696)      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    | .12457 | .02891 | .40005 | .18887  |
| Stddev | .00082 | .00017 | .00608 | .00184  |
| %RSD   | .66022 | .59678 | 1.5192 | .97461  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .12399 | .02878 | .39575 | .18757 |
| #2 | .12515 | .02903 | .40435 | .19017 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 4961.5  |
| Stddev    | 15.3    |
| %RSD      | .30929  |

|    |        |
|----|--------|
| #1 | 4972.3 |
| #2 | 4950.6 |

Sample Name: S3      Acquired: 8/29/2017 11:40:34      Type: Cal  
Method: P4-ICP2(v1696)      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    | .21773 | .29635 | .62188 | .25613 | .33190 | .03280 | .26.882 | .11503 | 4.6567 |
| Stddev | .00038 | .00005 | .00081 | .00095 | .00012 | .00029 | .144    | .00045 | .0037  |
| %RSD   | .17358 | .01674 | .12976 | .37265 | .03693 | .88790 | .53453  | .39553 | .07835 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .21746 | .29639 | .62245 | .25545 | .33181 | .03259 | 26.780 | .11471 | 4.6593 |
| #2 | .21800 | .29632 | .62131 | .25680 | .33199 | .03301 | 26.983 | .11535 | 4.6541 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .77197 | .06228 | 1.7565 | .44983 | 4.3479 | 1.2223 | .18816 | 1.1212 | .15045 |
| Stddev | .00505 | .00008 | .0010  | .00008 | .0522  | .0006  | .00048 | .0037  | .00040 |
| %RSD   | .65407 | .13359 | .05498 | .01831 | 1.2000 | .05107 | .25522 | .33344 | .26427 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76839 | .06222 | 1.7572 | .44977 | 4.3110 | 1.2219 | .18782 | 1.1239 | .15073 |
| #2 | .77554 | .06234 | 1.7558 | .44989 | 4.3848 | 1.2228 | .18850 | 1.1186 | .15017 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.5188 | .27246  | 175.60 | 1.3297  | 2.1916 | .12574  | .22016  | .06963 | .68587 |
| Stddev | .0069  | .00001  | .28    | .0034   | .0025  | .00047  | .00009  | .00106 | .00062 |
| %RSD   | .27467 | .00361  | .15869 | .25426  | .11526 | .36987  | .03954  | 1.5262 | .09046 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.5139 | .27247 | 175.41 | 1.3273 | 2.1898 | .12541 | .22010 | .07038 | .68631 |
| #2 | 2.5237 | .27245 | 175.80 | 1.3321 | 2.1933 | .12607 | .22022 | .06888 | .68543 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .79433 | 3.2193 | .4151   | 22.821 |
| Stddev | .00358 | .0259  | .0008   | .102   |
| %RSD   | .45062 | .80574 | .1930   | .44511 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .79180 | 3.2010 | .4156 | 22.750 |
| #2 | .79686 | 3.2377 | .4145 | 22.893 |

Sample Name: S3      Acquired: 8/29/2017 11:40:34      Type: Cal  
Method: P4-ICP2(v1696)      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       | 4679.0  | 56720.  | 4883.7  | 91.247 | 3864.0 |
| Stddev    | 5.6     | 224.    | 5.2     | .081   | 12.5   |
| %RSD      | .11967  | .33539  | .10651  | .08829 | .32385 |
| #1        | 4675.1  | 66562.  | 4880.0  | 91.190 | 3855.2 |
| #2        | 4683.0  | 66879.  | 4887.4  | 91.304 | 3872.9 |

Sample Name: S4      Acquired: 8/29/2017 11:44:27      Type: Cal  
Method: P4-ICP2(v1696)      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    | .41446 | .56335 | 1.1827 | .48321 | .63327 | .06101 | .49.588 | .21505 | 3.8229 |
| Stddev | .00113 | .00079 | .0005  | .00023 | .00011 | .00004 | .219    | .00008 | .0009  |
| %RSD   | .27255 | .14008 | .04100 | .04718 | .01742 | .05878 | .44242  | .03847 | .01032 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .41366 | .56279 | 1.1823 | .48305 | .63335 | .06103 | 49.743 | .21510 | 8.8235 |
| #2 | .41526 | .56390 | 1.1830 | .48337 | .63319 | .06098 | 49.432 | .21499 | 8.8222 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4317 | .11588 | 3.3130 | .83653 | 3.2612 | 2.2691 | .35374 | 2.1092 | .28783 |
| Stddev | .0006  | .00027 | .0026  | .00180 | .4400  | .0015  | .00129 | .0004  | .00026 |
| %RSD   | .03884 | .23614 | .07776 | .21531 | 5.3265 | .06763 | .36607 | .01778 | .09156 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4313 | .11569 | 3.3111 | .83526 | 7.9501 | 2.2702 | .35282 | 2.1094 | .28764 |
| #2 | 1.4321 | .11608 | 3.3148 | .83781 | 8.5724 | 2.2680 | .35465 | 2.1089 | .28801 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 4.6972 | .51102  | 333.82 | 2.5004  | 4.1472 | .24067  | .40856  | .13450 | 1.3087 |
| Stddev | .0004  | .00040  | 18.25  | .0108   | .0109  | .00023  | .00003  | .00027 | .0021  |
| %RSD   | .00785 | .07876  | 5.4656 | .43027  | .26177 | .09683  | .00670  | .20353 | .16116 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.6969 | .51131 | 320.92 | 2.5080 | 4.1395 | .24084 | .40858 | .13431 | 1.3072 |
| #2 | 4.6974 | .51074 | 346.73 | 2.4927 | 4.1549 | .24051 | .40854 | .13470 | 1.3102 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.4953 | 6.0013 | .7969   | 41.109 |
| Stddev | .0013  | .0013  | .0004   | .139   |
| %RSD   | .08691 | .02142 | .0502   | .33858 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.4962 | 6.0003 | .7966 | 41.208 |
| #2 | 1.4944 | 6.0022 | .7972 | 41.011 |

Sample Name: S4      Acquired: 8/29/2017 11:44:27      Type: Cal  
Method: P4-ICP2(v1696)      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       | 1646.5  | 36727.  | 4878.1  | 38.654 | 3784.2 |
| Stddev    | 3.9     | 169.    | 13.3    | 4.678  | 1.9    |
| %RSD      | .08459  | .25372  | .27310  | 5.2769 | .05143 |
| #1        | 4649.3  | 66607.  | 4868.7  | 91.962 | 3782.8 |
| #2        | 4643.7  | 66847.  | 4887.5  | 85.346 | 3785.5 |

Sample Name: S5      Acquired: 8/29/2017 11:48:32      Type: Cal  
Method: P4-ICP2(v1696)      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    | .82410 | 1.1455 | 2.4087 | .95092 | 1.2634 | .12051 | 98.203 | .42397 | 17.844 |
| Stddev | .00166 | .0019  | .0063  | .00069 | .0009  | .00007 | .577   | .00073 | .044   |
| %RSD   | .20101 | .16243 | .26036 | .07262 | .07010 | .05961 | .58770 | .17107 | .24835 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .82293 | 1.1442 | 2.4043 | .95043 | 1.2628 | .12056 | 98.611 | .42448 | 17.813 |
| #2 | .82527 | 1.1468 | 2.4131 | .95141 | 1.2640 | .12045 | 97.795 | .42346 | 17.876 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.8247 | .22785 | 3.7754 | 1.6432 | 16.820 | 4.3796 | .70166 | 4.2571 | .58117 |
| Stddev | .0015  | .00082 | .0051  | .0016  | .030   | .0246  | .00196 | .0132  | .00003 |
| %RSD   | .05194 | .36178 | .07551 | .09463 | .17729 | .56067 | .27894 | .31088 | .00590 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8258 | .22843 | 6.7718 | 1.6421 | 16.798 | 4.3970 | .70028 | 4.2478 | .58119 |
| #2 | 2.8237 | .22726 | 6.7791 | 1.6443 | 16.841 | 4.3623 | .70304 | 4.2665 | .58114 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 9.3450 | 1.0138  | 374.47 | 4.9772  | 3.2170 | .47525  | .84565  | .25720 | 2.6552 |
| Stddev | .0034  | .0007   | 7.50   | .0004   | .0055  | .00047  | .00284  | .00133 | .0051  |
| %RSD   | .03667 | .07278  | 1.1117 | .00835  | .06673 | .09974  | .33591  | .51676 | .19077 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.3474 | 1.0143 | 679.77 | 4.9775 | 8.2131 | .47491 | .84364 | .25626 | 2.6516 |
| #2 | 9.3426 | 1.0132 | 669.17 | 4.9769 | 8.2209 | .47558 | .84766 | .25814 | 2.6588 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 2.9703 | 11.921 | 1.637   | 32.020 |
| Stddev | .0006  | .006   | .008    | 1.041  |
| %RSD   | .01859 | .05239 | .5101   | 1.2690 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.9707 | 11.926 | 1.631 | 82.756 |
| #2 | 2.9699 | 11.917 | 1.643 | 81.284 |

Sample Name: S5      Acquired: 8/29/2017 11:48:32      Type: Cal  
Method: P4-ICP2(v1696)      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       | 1549.2  | 36628.  | 4830.0  | 34.589 | 3601.2 |
| Stddev    | 5.5     | 265.    | 33.1    | .831   | 12.3   |
| %RSD      | .12118  | .39799  | .68524  | .98203 | .34067 |
| #1        | 4553.1  | 66440.  | 4806.6  | 84.002 | 3609.9 |
| #2        | 4545.3  | 66815.  | 4853.4  | 85.176 | 3592.5 |

Sample Name: ICV01      Acquired: 8/29/2017 11:52:41      Type: Unk  
Method: P4-ICP2(v1696)      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 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .97965 | .99889 | .96805 | .98643 | .95329 | 2.5669 | .50889 | .49445 |
| Stddev | .00615 | .00270 | .00029 | .00190 | .00373 | .0033  | .00206 | .00048 |
| %RSD   | .62806 | .27045 | .02947 | .19229 | .39082 | .13007 | .40511 | .09640 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98400 | 1.0008 | .96825 | .98777 | .95592 | 2.5693 | .50743 | .49479 |
| #2 | .97530 | .99698 | .96784 | .98508 | .95065 | 2.5646 | .51035 | .49412 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .48661 | 10.192 | .50362 | .49583 | .51864 | 4.7950 | .51553 | 3.0748 |
| Stddev | .00007 | .005   | .00223 | .00008 | .00031 | .0722  | .00094 | .0356  |
| %RSD   | .01387 | .04802 | .44310 | .01647 | .06074 | 1.5049 | .18234 | .58605 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48666 | 10.196 | .50520 | .49589 | .51842 | 4.8460 | .51620 | 6.1000 |
| #2 | .48656 | 10.189 | .50204 | .49577 | .51887 | 4.7439 | .51487 | 6.0496 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .50033 | .48548 | 10.054 | .49487 | .98868 | 10.085 | 2.5015 | 2.5345 |
| Stddev | .00082 | .00158 | .014   | .00029 | .01336 | .014   | .0009  | .0097  |
| %RSD   | .16408 | .32623 | .13934 | .05905 | 1.3509 | .13433 | .03765 | .38429 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49975 | .48660 | 10.064 | .49466 | .99812 | 10.075 | 2.5008 | 2.5276 |
| #2 | .50091 | .48436 | 10.044 | .49507 | .97923 | 10.094 | 2.5022 | 2.5414 |

|        |          |          |        |        |          |         |          |  |
|--------|----------|----------|--------|--------|----------|---------|----------|--|
| Elem   | S_1820   | Si2881   | Sn1899 | Ti3361 | Li6707   | P_1774  | Sr4077   |  |
| Units  | ppm      | ppm      | ppm    | ppm    | ppm      | ppm     | ppm      |  |
| Avg    | F .00807 | F 2.2068 | 2.4380 | 2.4997 | F .00379 | F .0009 | F .01108 |  |
| Stddev | .00220   | .0365    | .0017  | .0003  | .00225   | .0001   | .00002   |  |
| %RSD   | 27.241   | 1.6558   | .06806 | .01139 | 59.438   | 14.33   | .14200   |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .00962 | 2.2326 | 2.4368 | 2.4999 | .00538 | -.0010 | .01107 |  |
| #2 | .00652 | 2.1809 | 2.4391 | 2.4995 | .00220 | -.0008 | .01109 |  |

Sample Name: ICV01      Acquired: 8/29/2017 11:52:41      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICV01      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       | 4722.6  | 36522.  | 4848.0  | 31.409 | 3937.5 |
| Stddev    | 7.3     | 96.     | .7      | 1.354  | 9.6    |
| %RSD      | .15494  | .14402  | .01525  | 1.4812 | .24277 |
| #1        | 4717.4  | 66454.  | 4848.5  | 90.452 | 3930.7 |
| #2        | 4727.8  | 66589.  | 4847.4  | 92.366 | 3944.3 |

Sample Name: LLICV01      Acquired: 8/29/2017 11:57:55      Type: Unk  
Method: P4-ICP2(v1696)      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 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02104 | .03923 | .01133 | .02023 | .04908 | .11200 | .10428 | .00631 | .00611 |
| Stddev | .00118 | .00074 | .00009 | .00176 | .00131 | .00626 | .00204 | .00002 | .00007 |
| %RSD   | 5.6296 | 1.8885 | .80267 | 8.7023 | 2.6744 | 5.5863 | 1.9523 | .33151 | 1.0869 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02020 | .03976 | .01127 | .01899 | .04815 | .10758 | .10572 | .00629 | .00606 |
| #2 | .02188 | .03871 | .01140 | .02148 | .05001 | .11642 | .10284 | .00632 | .00616 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0556 | .01090 | .02998 | .02244 | .11861 | .02180 | 2.0606 | .04143 | .00981 |
| Stddev | .0146  | .00016 | .00011 | .00024 | .00381 | .00004 | .0566  | .00030 | .00024 |
| %RSD   | .71079 | 1.4654 | .35408 | 1.0506 | 3.2092 | .19054 | 2.7461 | .72225 | 2.4444 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0660 | .01079 | .03005 | .02228 | .12130 | .02182 | 2.0206 | .04164 | .00998 |
| #2 | 2.0453 | .01101 | .02990 | .02261 | .11592 | .02177 | 2.1006 | .04122 | .00964 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0680 | .04027 | .04176 | 2.0900 | .21342 | .10845 | .01619 | .36327 | .04308 |
| Stddev | .0076  | .00016 | .00021 | .0537  | .00041 | .00198 | .00074 | .01992 | .00018 |
| %RSD   | .36615 | .39473 | .50752 | 2.5681 | .19300 | 1.8236 | 4.5745 | 5.4826 | .41130 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0626 | .04016 | .04191 | 2.1279 | .21371 | .10705 | .01672 | .37736 | .04321 |
| #2 | 2.0733 | .04039 | .04161 | 2.0520 | .21313 | .10985 | .01567 | .34919 | .04296 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04401 | .02229 | .0208  | .02254 |
| Stddev | .00208 | .00162 | .0001  | .00005 |
| %RSD   | 4.7262 | 7.2857 | .6914  | .23482 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04548 | .02344 | .0209 | .02251 |
| #2 | .04254 | .02114 | .0207 | .02258 |

Sample Name: LLICV01      Acquired: 8/29/2017 11:57:55      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLICV01      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       | 4712.0  | 56171.  | 4820.0  | 90.995 | 3961.4 |
| Stddev    | 21.9    | 132.    | 27.7    | .643   | 10.3   |
| %RSD      | .46462  | .19877  | .57568  | .70644 | .25876 |
| #1        | 4696.5  | 66078.  | 4800.4  | 90.541 | 3954.2 |
| #2        | 4727.5  | 66264.  | 4839.6  | 91.450 | 3968.7 |

Sample Name: ICB01      Acquired: 8/29/2017 12:01:56      Type: Unk

Method: P4-ICP2(v1696)      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 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00074 | .00178 | .00286 | .00185 | .00085 | .00238 | .00111 | .00002 |
| Stddev | .00105 | .00017 | .00012 | .00112 | .00055 | .00660 | .00044 | .00007 |
| %RSD   | 142.44 | 9.3814 | 4.0393 | 60.679 | 64.731 | 277.87 | 39.477 | 411.82 |

|    |         |        |        |         |         |         |        |         |
|----|---------|--------|--------|---------|---------|---------|--------|---------|
| #1 | -.00001 | .00190 | .00294 | -.00264 | -.00046 | -.00704 | .00080 | .00007  |
| #2 | .00148  | .00166 | .00278 | -.00106 | -.00124 | .00229  | .00141 | -.00003 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | .00067 | .00012 | .00008 | .00075 | .00389 | .00012 | .00723 |
| Stddev | .00009 | .00101 | .00005 | .00011 | .00030 | .01245 | .00001 | .00489 |
| %RSD   | 167.76 | 150.34 | 43.282 | 129.24 | 39.998 | 319.82 | 7.2892 | 67.551 |

|    |         |         |        |        |        |         |         |        |
|----|---------|---------|--------|--------|--------|---------|---------|--------|
| #1 | -.00001 | .00139  | .00009 | .00001 | .00097 | -.01269 | -.00013 | .00378 |
| #2 | .00011  | -.00004 | .00016 | .00016 | .00054 | .00491  | -.00011 | .01069 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00041 | .00016 | .00246 | .00001 | .00022 | .00252 | .00085 | .00050 |
| Stddev | .00009 | .00019 | .00341 | .00004 | .00010 | .00412 | .00005 | .00220 |
| %RSD   | 21.100 | 124.07 | 138.86 | 334.19 | 46.384 | 163.13 | 5.9272 | 437.86 |

|    |        |        |         |         |         |         |        |         |
|----|--------|--------|---------|---------|---------|---------|--------|---------|
| #1 | .00035 | .00029 | -.00487 | -.00001 | -.00030 | -.00039 | .00088 | -.00205 |
| #2 | .00047 | .00002 | -.00004 | .00004  | -.00015 | .00543  | .00081 | .00105  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00132 | .01245 | .00077 | .00064 | .00002 | .0016  | .00007 |  |
| Stddev | .00108 | .02182 | .00024 | .00176 | .00175 | .0015  | .00006 |  |
| %RSD   | 81.835 | 175.24 | 31.138 | 273.56 | 9802.8 | 89.28  | 90.472 |  |

|    |         |         |        |         |         |        |         |  |
|----|---------|---------|--------|---------|---------|--------|---------|--|
| #1 | -.00208 | -.00298 | .00060 | -.00060 | -.00126 | -.0027 | -.00012 |  |
| #2 | -.00055 | .02788  | .00094 | .00188  | .00122  | -.0006 | -.00003 |  |

Sample Name: ICB01      Acquired: 8/29/2017 12:01:56      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICB01      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       | 4701.5  | 36342.  | 4830.3  | 39.809 | 3917.5 |
| Stddev    | 9.7     | 179.    | 19.8    | .688   | 18.8   |
| %RSD      | .20621  | .26996  | .41002  | .76587 | .47941 |
| #1        | 4694.7  | 66215.  | 4816.3  | 89.323 | 3904.3 |
| #2        | 4708.4  | 66468.  | 4844.3  | 90.295 | 3930.8 |

Sample Name: CRI01      Acquired: 8/29/2017 12:06:07      Type: Unk  
Method: P4-ICP2(v1696)      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 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02025 | .04015 | .00982 | .01911 | .04795 | .11059 | .10445 | .00631 | .00618 |
| Stddev | .00133 | .00024 | .00084 | .00221 | .00078 | .00148 | .00049 | .00003 | .00002 |
| %RSD   | 6.5813 | .60941 | 8.5125 | 11.579 | 1.6251 | 1.3390 | .47213 | .54091 | .34293 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01931 | .03997 | .00923 | .01755 | .04850 | .10955 | .10410 | .00633 | .00616 |
| #2 | .02119 | .04032 | .01041 | .02068 | .04740 | .11164 | .10480 | .00628 | .00619 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0370 | .01102 | .02979 | .02206 | .09836 | .02156 | 2.0697 | .04112 | .01012 |
| Stddev | .0118  | .00019 | .00011 | .00002 | .02390 | .00002 | .0023  | .00022 | .00074 |
| %RSD   | .58040 | 1.7681 | .38350 | .11036 | 24.298 | .08454 | .11001 | .53251 | 7.3201 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0287 | .01116 | .02988 | .02205 | .08146 | .02155 | 2.0713 | .04128 | .01064 |
| #2 | 2.0454 | .01088 | .02971 | .02208 | .11526 | .02158 | 2.0681 | .04097 | .00959 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0387 | .04056 | .04187 | 2.0468 | 2.1075 | .09498 | .01828 | .36380 | .04117 |
| Stddev | .0215  | .00022 | .00061 | .0018  | .00001 | .00664 | .00184 | .00612 | .00057 |
| %RSD   | 1.0545 | .54882 | 1.4517 | .08963 | .00595 | 6.9866 | 10.082 | 1.6827 | 1.3878 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0235 | .04072 | .04144 | 2.0481 | .21074 | .09029 | .01958 | .36813 | .04157 |
| #2 | 2.0539 | .04041 | .04229 | 2.0455 | .21076 | .09967 | .01698 | .35948 | .04076 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04281 | .02274 | .0211  | .02229 |
| Stddev | .00049 | .00004 | .0003  | .00015 |
| %RSD   | 1.1428 | .18074 | 1.405  | .68670 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04315 | .02271 | .0214 | .02218 |
| #2 | .04246 | .02277 | .0209 | .02240 |

Sample Name: CRI01      Acquired: 8/29/2017 12:06:07      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CRI01      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       | 4725.4  | 36175.  | 4823.6  | 91.055 | 3967.6 |
| Stddev    | 9.7     | 85.     | 19.8    | 1.511  | 2.2    |
| %RSD      | .20542  | .12854  | .41070  | 1.6590 | .05492 |
| #1        | 4732.3  | 66115.  | 4837.6  | 92.123 | 3969.1 |
| #2        | 4718.6  | 66235.  | 4809.6  | 89.986 | 3966.0 |

Sample Name: ICSA01      Acquired: 8/29/2017 12:10:15      Type: Unk  
Method: P4-ICP2(v1696)      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 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .00574 | .00333 | .00215 | F .01221 | .00106 | 257.96 | .00666 |
| Stddev | .00103 | .00113 | .00205 | .00266   | .00316 | .01    | .00038 |
| %RSD   | 17.906 | 34.044 | 95.277 | 21.790   | 298.22 | .00198 | 5.7631 |

|    |        |        |        |         |         |        |        |
|----|--------|--------|--------|---------|---------|--------|--------|
| #1 | .00502 | .00413 | .00070 | -.01033 | .00329  | 257.96 | .00693 |
| #2 | .00647 | .00253 | .00359 | -.01409 | -.00117 | 257.96 | .00639 |

|        |         |        |        |        |         |        |        |
|--------|---------|--------|--------|--------|---------|--------|--------|
| Elem   | Be2348  | Cd2265 | Ca3736 | Cr2677 | Co2286  | Cu2247 | Fe2404 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    |
| Avg    | -.00020 | .00076 | 239.60 | .04453 | -.00031 | .00905 | 95.922 |
| Stddev | .00002  | .00003 | .40    | .00019 | .00027  | .00035 | .263   |
| %RSD   | 11.976  | 4.1963 | .16634 | .41860 | 89.677  | 3.8565 | .27462 |

|    |         |        |        |        |         |        |        |
|----|---------|--------|--------|--------|---------|--------|--------|
| #1 | -.00021 | .00079 | 239.32 | .04440 | -.00011 | .00880 | 96.108 |
| #2 | -.00018 | .00074 | 239.89 | .04466 | -.00050 | .00929 | 95.736 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01408 | 247.16 | .00313 | .00439 | .03435 | .00148 | .00185 |
| Stddev | .00005 | .10    | .00022 | .00089 | .00331 | .00052 | .00007 |
| %RSD   | .33106 | .04134 | 6.9818 | 20.222 | 9.6313 | 35.463 | 3.9367 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01411 | 247.23 | .00298 | .00501 | .03201 | .00111 | .00180 |
| #2 | .01404 | 247.09 | .00328 | .00376 | .03669 | .00185 | .00191 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00919 | .00021 | .08083 | .01790 | .00840 | .00111 | .00059 |
| Stddev | .03224 | .00016 | .00433 | .00112 | .01926 | .00102 | .00051 |
| %RSD   | 350.76 | 73.182 | 5.3605 | 6.2663 | 229.18 | 92.006 | 87.652 |

|    |         |        |        |         |         |        |        |
|----|---------|--------|--------|---------|---------|--------|--------|
| #1 | -.01361 | .00032 | .07776 | -.01710 | .02202  | .00183 | .00095 |
| #2 | .03199  | .00010 | .08389 | -.01869 | -.00522 | .00039 | .00022 |

Sample Name: ICSA01      Acquired: 8/29/2017 12:10:15      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00806 | .0056  | .08246 |
| Stddev | .00103 | .0015  | .00049 |
| %RSD   | 12.781 | 27.23  | .59910 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00879 | .0045 | .08211 |
| #2 | .00733 | .0067 | .08281 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4406.9  | 53424.  | 4683.9  | 31.923 | 3515.6 |
| Stddev    | 6.5     | 46.     | 10.3    | .064   | .7     |
| %RSD      | .14721  | .07273  | .21966  | .07751 | .01852 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4411.4 | 63456. | 4691.1 | 81.968 | 3516.0 |
| #2 | 4402.3 | 63391. | 4676.6 | 81.878 | 3515.1 |

Sample Name: ICSAB01      Acquired: 8/29/2017 12:14:27      Type: Unk  
Method: P4-ICP2(v1696)      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    | .10025 | .10242 | .05425 | .03758 | .59632 | .258.23 | .51801 | .52122 |
| Stddev | .00054 | .00260 | .00316 | .00153 | .00211 | 1.35    | .00118 | .00111 |
| %RSD   | .54330 | 2.5342 | 5.8300 | 4.0842 | .35351 | .52318  | .22713 | .21362 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10064 | .10425 | .05649 | .03650 | .59482 | 257.27 | .51885 | .52043 |
| #2 | .09987 | .10058 | .05201 | .03867 | .59781 | 259.18 | .51718 | .52201 |

|        |        |         |        |        |        |         |        |         |
|--------|--------|---------|--------|--------|--------|---------|--------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790  |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     |
| Avg    | .97353 | .239.82 | .54040 | .48817 | .50011 | .93.242 | .52420 | .247.40 |
| Stddev | .00168 | .25     | .00054 | .00114 | .00001 | 1.317   | .00054 | .34     |
| %RSD   | .17304 | .10384  | .10069 | .23448 | .00265 | 1.4126  | .10395 | .13647  |

|    |        |         |        |        |        |        |        |         |
|----|--------|---------|--------|--------|--------|--------|--------|---------|
| #1 | .97233 | .240.00 | .54001 | .48898 | .50012 | 92.310 | .52458 | .247.64 |
| #2 | .97472 | .239.65 | .54078 | .48736 | .50010 | 94.173 | .52381 | .247.16 |

|        |        |        |        |        |        |        |         |         |
|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm     |
| Avg    | .97084 | .21468 | .03932 | .50172 | .98531 | .00247 | F1.0344 | F1.1241 |
| Stddev | .00019 | .00068 | .00941 | .00389 | .01025 | .00483 | .0012   | .0057   |
| %RSD   | .01937 | .31835 | 23.947 | .77496 | 1.0407 | 195.95 | .11163  | .50395  |

|    |        |        |        |        |        |         |        |        |
|----|--------|--------|--------|--------|--------|---------|--------|--------|
| #1 | .97097 | .21420 | .03266 | .50447 | .97805 | -.00095 | 1.0335 | 1.1281 |
| #2 | .97071 | .21516 | .04597 | .49897 | .99256 | .00588  | 1.0352 | 1.1200 |

|        |         |         |         |         |        |        |        |  |
|--------|---------|---------|---------|---------|--------|--------|--------|--|
| Elem   | S_1820  | Si2881  | Sn1899  | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | -.01733 | F.89740 | F1.0379 | F1.0239 | .00604 | F.0031 | .08349 |  |
| Stddev | .00122  | .00733  | .0003   | .0027   | .00048 | .0004  | .00004 |  |
| %RSD   | 7.0350  | .81707  | .03131  | .26762  | 7.8731 | 12.21  | .04887 |  |

|    |         |        |        |        |        |       |        |  |
|----|---------|--------|--------|--------|--------|-------|--------|--|
| #1 | -.01647 | .90259 | 1.0376 | 1.0219 | .00638 | .0033 | .08346 |  |
| #2 | -.01819 | .89222 | 1.0381 | 1.0258 | .00570 | .0028 | .08351 |  |

Sample Name: ICSAB01      Acquired: 8/29/2017 12:14:27      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: ICSAB01      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       | 4381.0  | 53760.  | 4732.3  | 35.151 | 3466.8 |
| Stddev    | 3.6     | 239.    | 17.5    | .952   | 2.0    |
| %RSD      | .08325  | .37429  | .36928  | 1.1178 | .05727 |
| #1        | 4383.6  | 63929.  | 4719.9  | 85.824 | 3468.3 |
| #2        | 4378.4  | 63592.  | 4744.6  | 84.478 | 3465.4 |

Sample Name: CCV01      Acquired: 8/29/2017 12:18:29      Type: Unk  
Method: P4-ICP2(v1696)      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 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9998 | 4.9574 | 4.9766 | 5.0527 | 5.0159 | 10.279 | 10.081 | .25419 | 2.4968 |
| Stddev | .0216  | .0080  | .0078  | .0084  | .0196  | .051   | .105   | .00015 | .0051  |
| %RSD   | .43284 | .16222 | .15667 | .16712 | .38985 | .50041 | 1.0453 | .06002 | .20277 |
| #1     | 5.0151 | 4.9631 | 4.9821 | 5.0587 | 5.0297 | 10.243 | 10.156 | .25430 | 2.5004 |
| #2     | 4.9845 | 4.9517 | 4.9710 | 5.0467 | 5.0021 | 10.315 | 10.007 | .25408 | 2.4933 |
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.329 | 1.0134 | 2.4733 | 1.2615 | 4.8800 | 2.5664 | 25.119 | 2.5041 | 1.2503 |
| Stddev | .054   | .0043  | .0053  | .0003  | .0087  | .0006  | .026   | .0036  | .0019  |
| %RSD   | .21489 | .42431 | .21353 | .02615 | .17815 | .02403 | .10282 | .14215 | .15130 |
| #1     | 25.368 | 1.0165 | 2.4770 | 1.2612 | 4.8738 | 2.5669 | 25.137 | 2.5066 | 1.2516 |
| #2     | 25.291 | 1.0104 | 2.4695 | 1.2617 | 4.8861 | 2.5660 | 25.101 | 2.5016 | 1.2490 |
| 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    | 25.188 | 2.5305 | 2.4404 | 25.282 | 5.0285 | 5.0989 | 4.9293 | 5.1210 | 4.9920 |
| Stddev | .087   | .0037  | .0133  | .126   | .0164  | .0378  | .0057  | .0075  | .0073  |
| %RSD   | .34605 | .14561 | .54428 | .49896 | .32575 | .74127 | .11638 | .14610 | .14571 |
| #1     | 25.250 | 2.5331 | 2.4498 | 25.371 | 5.0401 | 5.1256 | 4.9334 | 5.1157 | 4.9971 |
| #2     | 25.126 | 2.5279 | 2.4310 | 25.193 | 5.0169 | 5.0722 | 4.9253 | 5.1263 | 4.9868 |
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |        |        |        |        |        |
| Units  | ppm    | ppm    | ppm    | ppm    |        |        |        |        |        |
| Avg    | 5.0319 | 5.0539 | 5.008  | 5.0658 |        |        |        |        |        |
| Stddev | .0004  | .0165  | .008   | .0541  |        |        |        |        |        |
| %RSD   | .00846 | .32668 | .1555  | 1.0681 |        |        |        |        |        |
| #1     | 5.0316 | 5.0656 | 5.003  | 5.1040 |        |        |        |        |        |
| #2     | 5.0322 | 5.0423 | 5.014  | 5.0275 |        |        |        |        |        |

Sample Name: CCV01      Acquired: 8/29/2017 12:18:29      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: CCV01      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       | 4632.0  | 35797.  | 4826.2  | 39.518 | 3749.7 |
| Stddev    | 7.5     | 29.     | 45.7    | .442   | 1.7    |
| %RSD      | .16184  | .04448  | .94649  | .49397 | .04628 |
| #1        | 4626.7  | 65817.  | 4793.9  | 89.206 | 3748.5 |
| #2        | 4637.3  | 65776.  | 4858.5  | 89.831 | 3751.0 |

Sample Name: LLCCV01      Acquired: 8/29/2017 12:30:43      Type: Unk  
Method: P4-ICP2(v1696)      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 | Be2348 | Cd2265 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02094 | .03929 | .01022 | .01897 | .04931 | .10367 | .10326 | .00632 | .00610 |
| Stddev | .00059 | .00035 | .00019 | .00056 | .00062 | .00126 | .00094 | .00001 | .00000 |
| %RSD   | 2.8393 | .88658 | 1.8262 | 2.9339 | 1.2535 | 1.2170 | .90755 | .19010 | .04398 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02136 | .03953 | .01036 | .01858 | .04975 | .10278 | .10259 | .00633 | .00611 |
| #2 | .02052 | .03904 | .01009 | .01936 | .04887 | .10456 | .10392 | .00631 | .00610 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0148 | .01065 | .02966 | .02216 | .10875 | .02135 | 2.0527 | .04077 | .01032 |
| Stddev | .0180  | .00011 | .00007 | .00016 | .00840 | .00001 | .0316  | .00029 | .00018 |
| %RSD   | .89449 | 1.0530 | .25272 | .72386 | 7.7280 | .03780 | 1.5402 | .71165 | 1.7480 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0021 | .01057 | .02971 | .02205 | .10280 | .02135 | 2.0750 | .04098 | .01045 |
| #2 | 2.0276 | .01072 | .02961 | .02228 | .11469 | .02134 | 2.0303 | .04057 | .01019 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0527 | .04051 | .04121 | 2.0854 | 2.1020 | .10280 | .01784 | .36001 | .04080 |
| Stddev | .0150  | .00027 | .00101 | .0105  | .00047 | .00929 | .00126 | .00638 | .00095 |
| %RSD   | .73160 | .65571 | 2.4395 | .50351 | .22546 | 9.0408 | 7.0634 | 1.7729 | 2.3336 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0421 | .04070 | .04050 | 2.0928 | .21053 | .10938 | .01695 | .35549 | .04013 |
| #2 | 2.0633 | .04033 | .04192 | 2.0780 | .20986 | .09623 | .01873 | .36452 | .04148 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04306 | .01951 | .0195  | .02243 |
| Stddev | .00267 | .00006 | .0006  | .00002 |
| %RSD   | 6.2097 | .31200 | 2.988  | .10018 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04495 | .01956 | .0199 | .02242 |
| #2 | .04117 | .01947 | .0191 | .02245 |

Sample Name: LLCCV01      Acquired: 8/29/2017 12:30:43      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: LLCCV01      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       | 4724.6  | 56236.  | 4800.2  | 91.886 | 3976.1 |
| Stddev    | 20.8    | 226.    | 26.2    | 2.597  | 5.0    |
| %RSD      | .44087  | .34125  | .54602  | 2.8263 | .12696 |
| #1        | 4709.9  | 66076.  | 4818.8  | 93.723 | 3972.5 |
| #2        | 4739.3  | 66396.  | 4781.7  | 90.050 | 3979.6 |

Sample Name: CCB01      Acquired: 8/29/2017 12:34:45      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00023 | .00035 | -.00394 | -.00244 | .00059 | -.00410 | .00195 | .00004 |
| Stddev | .00087 | .00011 | .00106  | .00100  | .00007 | .00228  | .00020 | .00009 |
| %RSD   | 382.00 | 30.352 | 26.825  | 40.990  | 12.402 | 55.700  | 10.028 | 240.99 |

|    |         |        |         |         |        |         |        |         |
|----|---------|--------|---------|---------|--------|---------|--------|---------|
| #1 | .00085  | .00027 | -.00319 | -.00315 | .00064 | -.00248 | .00208 | .00010  |
| #2 | -.00039 | .00042 | -.00468 | -.00173 | .00054 | -.00571 | .00181 | -.00003 |

|        |        |         |         |        |        |         |         |         |
|--------|--------|---------|---------|--------|--------|---------|---------|---------|
| Elem   | Cd2265 | Ca3736  | Cr2677  | Co2286 | Cu2247 | Fe2404  | Mn2576  | Mg2790  |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm    | ppm     | ppm     | ppm     |
| Avg    | .00005 | -.01082 | -.00009 | .00022 | .00012 | -.00474 | -.00009 | -.00106 |
| Stddev | .00003 | .00381  | .00069  | .00010 | .00016 | .00333  | .00002  | .00742  |
| %RSD   | 61.667 | 35.173  | 788.79  | 45.815 | 133.77 | 70.295  | 23.113  | 697.79  |

|    |        |         |         |        |        |         |         |         |
|----|--------|---------|---------|--------|--------|---------|---------|---------|
| #1 | .00003 | -.00813 | .00040  | .00029 | .00024 | -.00709 | -.00008 | .00418  |
| #2 | .00007 | -.01352 | -.00057 | .00015 | .00001 | -.00238 | -.00011 | -.00631 |

|        |        |        |         |         |         |         |        |         |
|--------|--------|--------|---------|---------|---------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895  | V_2924  | Zn2138  | K_7664  | Mo2020 | B_2496  |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm     | ppm     | ppm    | ppm     |
| Avg    | .00022 | .00004 | -.00931 | -.00030 | -.00031 | -.01306 | .00032 | -.00316 |
| Stddev | .00008 | .00017 | .00991  | .00003  | .00007  | .01298  | .00017 | .00553  |
| %RSD   | 33.986 | 413.68 | 106.39  | 11.584  | 21.997  | 99.359  | 52.114 | 174.97  |

|    |        |         |         |         |         |         |        |         |
|----|--------|---------|---------|---------|---------|---------|--------|---------|
| #1 | .00027 | .00017  | -.00231 | -.00027 | -.00035 | -.00389 | .00044 | .00075  |
| #2 | .00017 | -.00008 | -.01632 | -.00032 | -.00026 | -.02224 | .00020 | -.00707 |

|        |         |        |        |        |        |        |         |
|--------|---------|--------|--------|--------|--------|--------|---------|
| Elem   | S_1820  | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077  |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     |
| Avg    | -.00132 | .01207 | .00001 | .00271 | .00009 | -.0003 | -.00001 |
| Stddev | .00017  | .02563 | .00105 | .00040 | .00056 | .0004  | .00007  |
| %RSD   | 12.833  | 212.24 | 18628. | 14.668 | 604.88 | 112.4  | 857.95  |

|    |         |         |         |        |         |        |         |
|----|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00120 | .03019  | .00075  | .00299 | .00049  | -.0001 | -.00006 |
| #2 | -.00144 | -.00605 | -.00074 | .00243 | -.00030 | -.0006 | .00004  |

Sample Name: CCB01      Acquired: 8/29/2017 12:34:45      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: CCB01      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       | 4739.3  | 35227.  | 4777.5  | 38.652 | 3928.4 |
| Stddev    | 12.0    | 170.    | 16.0    | 2.388  | 6.5    |
| %RSD      | .25230  | .26001  | .33524  | 2.6938 | .16483 |
| #1        | 4730.9  | 65107.  | 4788.8  | 90.341 | 3923.8 |
| #2        | 4747.8  | 65347.  | 4766.2  | 86.964 | 3933.0 |

Sample Name: PB101899BL      Acquired: 8/29/2017 13:39:14      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00122 | .00158 | .00139 | .00251 | .00002 | .00342 | .00145 | .00009 |
| Stddev | .00040 | .00005 | .00017 | .00046 | .00210 | .00566 | .00098 | .00001 |
| %RSD   | 32.381 | 2.9673 | 12.415 | 18.428 | 13477. | 165.57 | 67.936 | 12.540 |

|    |        |        |        |         |         |         |        |        |
|----|--------|--------|--------|---------|---------|---------|--------|--------|
| #1 | .00094 | .00155 | .00151 | -.00218 | .00150  | .00058  | .00214 | .00008 |
| #2 | .00150 | .00161 | .00127 | -.00283 | -.00147 | -.00741 | .00075 | .00010 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00000 | .01540 | .00040 | .00011 | .00017 | .00434 | .00017 | .00199 |
| Stddev | .0000  | .01938 | .00040 | .00011 | .00041 | .01219 | .00007 | .00184 |
| %RSD   | 1547.2 | 125.84 | 98.471 | 100.11 | 234.55 | 280.72 | 38.374 | 92.430 |

|    |        |         |        |         |         |         |         |         |
|----|--------|---------|--------|---------|---------|---------|---------|---------|
| #1 | .00000 | -.02910 | .00068 | -.00019 | -.00011 | .00428  | -.00022 | -.00069 |
| #2 | .00000 | -.00170 | .00012 | -.00003 | .00046  | -.01296 | -.00013 | -.00328 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00047 | .00259 | .00006 | .00031 | .01314 | .00002 | .00419 |
| Stddev | .00030 | .00015 | .00831 | .00004 | .00001 | .00987 | .00020 | .00230 |
| %RSD   | 998.30 | 32.187 | 320.91 | 73.383 | 3.7553 | 75.083 | 808.12 | 54.780 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00024 | .00057 | .00847  | -.00003 | -.00030 | .02012 | .00011  | -.00257 |
| #2 | .00018  | .00036 | -.00329 | -.00009 | -.00032 | .00616 | -.00016 | -.00582 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00033 | .00079 | .00056 | .00154 | .00056 | .0022  | .00002 |
| Stddev | .00277 | .00141 | .00002 | .00051 | .00056 | .0001  | .00003 |
| %RSD   | 834.37 | 178.47 | 2.8016 | 33.294 | 99.050 | 5.277  | 132.28 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | .00229  | -.00021 | -.00057 | .00118 | .00095 | -.0021 | .00005 |
| #2 | -.00163 | .00178  | -.00055 | .00191 | .00017 | -.0023 | .00000 |

Sample Name: PB101899BL      Acquired: 8/29/2017 13:39:14      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4729.6  | 36807.  | 4846.2  | 91.164 | 3945.0 |
| Stddev    | 24.4    | 145.    | 22.4    | 1.453  | 8.1    |
| %RSD      | .51566  | .21681  | .46217  | 1.5936 | .20638 |
| #1        | 4712.4  | 66705.  | 4830.3  | 90.136 | 3939.2 |
| #2        | 4746.9  | 66910.  | 4862.0  | 92.191 | 3950.7 |

Sample Name: PB101899BS      Acquired: 8/29/2017 13:43:21      Type: Unk  
Method: P4-ICP2(v1696)      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    | .79998 | 2.0174 | .99811 | 1.8286 | .77995 | 2.1669 | .22723 | .21143 |
| Stddev | .00143 | .0169  | .00392 | .0011  | .00139 | .0068  | .00061 | .00108 |
| %RSD   | .17878 | .83509 | .39270 | .06197 | .17884 | .31295 | .27003 | .50922 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .80099 | 2.0054 | .99534 | 1.8294 | .77897 | 2.1621 | .22767 | .21067 |
| #2 | .79897 | 2.0293 | 1.0009 | 1.8278 | .78094 | 2.1717 | .22680 | .21219 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20591 | 1.1365 | .44997 | .21445 | .33891 | 3.2050 | .22783 | 2.2624 |
| Stddev | .00117 | .0072  | .00048 | .00010 | .00037 | .0553  | .00074 | .0334  |
| %RSD   | .56987 | .63353 | .10751 | .04862 | .10979 | 1.7241 | .32507 | 1.4756 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20508 | 1.1415 | .44962 | .21438 | .33917 | 3.1659 | .22731 | 2.2860 |
| #2 | .20674 | 1.1314 | .45031 | .21453 | .33864 | 3.2441 | .22836 | 2.2388 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .53849 | .07475 | 3.3759 | .33204 | .21912 | 11.121 | .42390 | .32888 |
| Stddev | .00025 | .00030 | .0090  | .00284 | .00565 | .003   | .00064 | .00420 |
| %RSD   | .04697 | .39751 | .26674 | .85598 | 2.5797 | .02756 | .15070 | 1.2763 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .53831 | .07454 | 3.3823 | .33003 | .21512 | 11.119 | .42344 | .33185 |
| #2 | .53866 | .07496 | 3.3696 | .33405 | .22311 | 11.124 | .42435 | .32591 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00188 | .89007 | .71153 | .21423 | .22291 | 5.546  | .21752 |  |
| Stddev | .00128   | .01893 | .00205 | .00340 | .00061 | .013   | .00127 |  |
| %RSD   | 67.991   | 2.1267 | .28768 | 1.5856 | .27476 | .2260  | .58455 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00279 | .90346 | .71008 | .21663 | .22248 | 5.537 | .21842 |  |
| #2 | .00098 | .87669 | .71297 | .21182 | .22335 | 5.555 | .21662 |  |

Sample Name: PB101899BS      Acquired: 8/29/2017 13:43:21      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4772.4  | 57032.  | 4819.9  | 92.351 | 4067.9 |
| Stddev    | 21.6    | 367.    | 11.8    | 1.629  | 8.4    |
| %RSD      | .45229  | .54788  | .24553  | 1.7637 | .20623 |
| #1        | 4757.2  | 67292.  | 4811.6  | 93.503 | 4062.0 |
| #2        | 4787.7  | 66773.  | 4828.3  | 91.200 | 4073.8 |

Sample Name: I4970-01      Acquired: 8/29/2017 13:47:19      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00098 | -.00108 | .03798 | -.00777 | -.00264 | .25491 | .18267 | -.00018 |
| Stddev | .00026 | .00076  | .00066 | .00011  | .00052  | .01046 | .00070 | .00001  |
| %RSD   | 26.628 | 70.258  | 1.7475 | 1.3827  | 19.817  | 4.1038 | .38550 | 3.3590  |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00079 | -.00161 | .03845 | -.00769 | -.00227 | .26230 | .18317 | -.00018 |
| #2 | .00116 | -.00054 | .03751 | -.00785 | -.00301 | .24751 | .18217 | -.00018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00006 | 107.22 | .00207 | .00059 | .00967 | .28704 | .12113 | 17.402 |
| Stddev | .00002 | .03    | .00024 | .00009 | .00013 | .01011 | .00003 | .029   |
| %RSD   | 37.416 | .02672 | 11.772 | 15.770 | 1.3018 | 3.5235 | .02619 | .16922 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00008 | 107.20 | .00224 | .00066 | .00959 | .29419 | .12111 | 17.423 |
| #2 | .00005 | 107.24 | .00190 | .00052 | .00976 | .27988 | .12116 | 17.381 |

|        |        |         |        |        |        |        |        |        |
|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280  | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00296 | -.00008 | 371.31 | .00319 | .01772 | 16.135 | .00681 | .27440 |
| Stddev | .00006 | .00033  | 5.90   | .00016 | .00019 | .048   | .00027 | .00748 |
| %RSD   | 2.0090 | 388.50  | 1.5888 | 5.0050 | 1.0560 | .29934 | 3.9952 | 2.7242 |

|    |        |         |        |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|--------|
| #1 | .00292 | .00015  | 375.48 | .00331 | .01786 | 16.169 | .00701 | .27968 |
| #2 | .00300 | -.00032 | 367.14 | .00308 | .01759 | 16.101 | .00662 | .26911 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 18.114 | 6.6966 | .00078 | .00899 | .00871 | .1178  | .59470 |
| Stddev | .022   | .0363  | .00003 | .00253 | .00182 | .0002  | .00098 |
| %RSD   | .12103 | .54204 | 3.7639 | 28.117 | 20.851 | .2076  | .16482 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 18.099 | 6.7222 | .00080 | .01078 | .00743 | .1179 | .59540 |
| #2 | 18.130 | 6.6709 | .00076 | .00721 | .01000 | .1176 | .59401 |

Sample Name: I4970-01      Acquired: 8/29/2017 13:47:19      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4500.6  | 35250.  | 4680.7  | 90.775 | 3809.6 |
| Stddev    | 14.6    | 29.     | 8.9     | .484   | 9.1    |
| %RSD      | .32392  | .04487  | .19038  | .53369 | .23921 |
| #1        | 4490.3  | 65229.  | 4674.4  | 90.432 | 3803.2 |
| #2        | 4510.9  | 65270.  | 4687.0  | 91.118 | 3816.1 |

Sample Name: I4983-02      Acquired: 8/29/2017 13:51:34      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00026 | .00247 | .03632 | .00785 | .00209 | .04964 | .12289 | .00031 |
| Stddev | .00099 | .00016 | .00030 | .00188 | .00158 | .00675 | .00068 | .00003 |
| %RSD   | 384.88 | 6.5172 | .83250 | 24.022 | 75.347 | 13.595 | .55524 | 9.1208 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00044 | -.00259 | .03611 | -.00918 | -.00321 | .04487 | .12241 | -.00033 |
| #2 | .00096  | -.00236 | .03654 | -.00651 | -.00098 | .05442 | .12338 | -.00029 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | 113.73 | .00200 | .00076 | .08440 | 7.0524 | .23531 | 29.482 |
| Stddev | .00004 | .02    | .00028 | .00006 | .00064 | .1085  | .00125 | .016   |
| %RSD   | 21.651 | .02006 | 13.950 | 8.2683 | .76278 | 1.5384 | .53231 | .05572 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00022 | 113.71 | .00219 | .00071 | .08395 | 7.1291 | .23620 | 29.471 |
| #2 | -.00016 | 113.75 | .00180 | .00080 | .08486 | 6.9757 | .23443 | 29.494 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00738 | .00055 | 30.801 | .00005 | .03126 | 28.402 | .00111 | .31220 |
| Stddev | .00026 | .00002 | .305   | .00013 | .00039 | .082   | .00004 | .00525 |
| %RSD   | 3.4858 | 2.8346 | .33605 | 280.59 | 1.2473 | .29033 | 3.3582 | 1.6825 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .00720 | .00054 | 91.016 | -.00014 | .03154 | 28.344 | .00113 | .31592 |
| #2 | .00756 | .00056 | 90.585 | .00005  | .03099 | 28.460 | .00108 | .30849 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 11.768 | 4.7636 | .00103 | .01076 | .02686 | 1.655  | .29764 |
| Stddev | .046   | .0352  | .00001 | .00073 | .00024 | .002   | .00125 |
| %RSD   | .39343 | .73832 | 1.2717 | 6.7535 | .87526 | .1135  | .41882 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 11.735 | 4.7885 | .00104 | .01128 | .02702 | 1.654 | .29852 |
| #2 | 11.801 | 4.7387 | .00102 | .01025 | .02669 | 1.657 | .29676 |

Sample Name: I4983-02      Acquired: 8/29/2017 13:51:34      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4531.4 | 35319. | 4783.4 | 37.117 | 3794.7 |
| Stddev    | 19.0   | 446.   | 9.4    | 1.347  | 9.0    |
| %RSD      | .41854 | .68291 | .19685 | 1.5463 | .23794 |
| #1        | 4518.0 | 65003. | 4776.8 | 86.164 | 3788.4 |
| #2        | 4544.8 | 65634. | 4790.1 | 88.069 | 3801.1 |

Sample Name: I5001-06      Acquired: 8/29/2017 13:55:41      Type: Unk  
Method: P4-ICP2(v1696)      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    | .01613 | .02679 | .84651 | .14347 | .01527 | .22592 | .29020 | .00100 |
| Stddev | .00102 | .00259 | .00333 | .00509 | .00274 | .02550 | .00109 | .00021 |
| %RSD   | 6.3142 | 9.6524 | .39352 | 3.5446 | 17.954 | 11.287 | .37422 | 20.574 |

|    |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .01541 | .02861 | .84886 | .14707 | .01721 | .20789 | .28943 | -.00115 |
| #2 | .01685 | .02496 | .84415 | .13988 | .01333 | .24395 | .29097 | -.00086 |

|        |        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .02307 | 497.95 | .00849 | .00384 | .07676 | F 359.32 | 13.149 | 126.51 |
| Stddev | .00129 | .34    | .00018 | .00004 | .00240 | 9.72     | .012   | .34    |
| %RSD   | 5.6072 | .06879 | 2.0716 | 1.1001 | 3.1201 | 1.0128   | .09167 | .26555 |

|    |        |        |        |         |        |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|--------|
| #1 | .02215 | 497.71 | .00836 | -.00381 | .07507 | 966.19 | 13.158 | 126.28 |
| #2 | .02398 | 498.19 | .00861 | -.00387 | .07846 | 952.45 | 13.141 | 126.75 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04367 | .04480 | 332.31 | .00652 | .03205 | 74.553 | .00525 | 2.4464 |
| Stddev | .00036 | .00070 | 3.53   | .00030 | .00052 | .091   | .00086 | .0161  |
| %RSD   | .81307 | 1.5572 | 1.0626 | 4.6138 | 1.6295 | .12211 | 16.465 | .65854 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .04392 | .04529 | 334.80 | .00631 | .03242 | 74.618 | -.00586 | 2.4577 |
| #2 | .04342 | .04431 | 329.81 | .00673 | .03168 | 74.489 | -.00464 | 2.4350 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 107.76 | 39.871 | .00909 | .00461 | .12353 | .5140  | 3.9539 |  |
| Stddev | .11    | .091   | .00042 | .00017 | .00073 | .0000  | .0278  |  |
| %RSD   | .09876 | .22907 | 4.5877 | 3.7372 | .59011 | .0073  | .70421 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 107.83 | 39.806 | .00939 | -.00448 | .12404 | .5140 | 3.9342 |  |
| #2 | 107.68 | 39.936 | .00880 | -.00473 | .12301 | .5140 | 3.9736 |  |

Sample Name: I5001-06      Acquired: 8/29/2017 13:55:41      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4111.1  | 52435.  | 4666.7  | 30.294 | 2951.5 |
| Stddev    | 20.6    | 49.     | 8.5     | 1.037  | 9.3    |
| %RSD      | .50100  | .07892  | .18182  | 1.2911 | .31491 |
| #1        | 4096.6  | 62400.  | 4660.7  | 79.561 | 2945.0 |
| #2        | 4125.7  | 62470.  | 4672.7  | 81.027 | 2958.1 |

Sample Name: I5001-07      Acquired: 8/29/2017 13:59:58      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00039 | .00125 | .05329 | .00479 | .00160 | .03521 | .19362 | .00017 |
| Stddev | .00113 | .00135 | .00088 | .00127 | .00140 | .01134 | .00027 | .00004 |
| %RSD   | 289.79 | 108.42 | 1.6426 | 26.510 | 87.508 | 32.204 | .13736 | 22.879 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00119 | -.00029 | .05267 | -.00390 | -.00061 | .04322 | .19381 | -.00015 |
| #2 | .00041  | -.00220 | .05391 | -.00569 | -.00259 | .02719 | .19344 | -.00020 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | 117.69 | .00148 | .00095 | .00247 | 21.793 | 1.9227 | 17.951 |
| Stddev | .00002 | .06    | .00039 | .00010 | .00040 | .016   | .0018  | .040   |
| %RSD   | 9.2259 | .05055 | 26.115 | 10.172 | 16.345 | .07431 | .09434 | .22364 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00028 | 117.65 | .00176 | -.00088 | .00276 | 21.805 | 1.9214 | 17.922 |
| #2 | -.00025 | 117.73 | .00121 | -.00102 | .00219 | 21.782 | 1.9239 | 17.979 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00080 | .00091 | 37.487 | .00112 | .01251 | 17.159 | .00016 | .43871 |
| Stddev | .00037 | .00032 | .081   | .00018 | .00005 | .051   | .00006 | .01273 |
| %RSD   | 45.723 | 35.209 | .11968 | 15.840 | .43301 | .29907 | 38.016 | 2.9018 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00054 | .00114 | 67.544 | .00099 | .01247 | 17.122 | -.00020 | .42971 |
| #2 | .00106 | .00069 | 67.430 | .00124 | .01255 | 17.195 | -.00012 | .44771 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.3989 | 25.431 | .00086 | .00094 | .04929 | .8578  | .42705 |
| Stddev | .0039  | .024   | .00009 | .00159 | .00235 | .0005  | .00009 |
| %RSD   | .08743 | .09244 | 10.568 | 169.58 | 4.7721 | .0539  | .02063 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 4.3962 | 25.447 | .00092 | -.00206 | .04763 | .8581 | .42699 |
| #2 | 4.4016 | 25.414 | .00079 | .00019  | .05096 | .8575 | .42711 |

Sample Name: I5001-07      Acquired: 8/29/2017 13:59:58      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4570.0  | 36423.  | 4836.7  | 36.508 | 3888.5 |
| Stddev    | 3.7     | 129.    | 30.9    | .406   | 7.1    |
| %RSD      | .08185  | .19435  | .63963  | .46982 | .18220 |
|           |         |         |         |        |        |
| #1        | 4567.4  | 66332.  | 4814.9  | 86.220 | 3883.4 |
| #2        | 4572.7  | 66515.  | 4858.6  | 86.795 | 3893.5 |

Sample Name: I5001-08      Acquired: 8/29/2017 14:04:03      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00266 | .00561 | -.01542 | -.00559 | -.00061 | .00853 | .01730 | .00012 |
| Stddev | .00057 | .00039 | .00092  | .00197  | .00000  | .00919 | .00054 | .00001 |
| %RSD   | 21.427 | 6.8905 | 5.9913  | 35.325  | .12734  | 107.79 | 3.1323 | 4.9782 |

|    |        |        |         |         |         |        |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|--------|
| #1 | .00226 | .00588 | -.01607 | -.00419 | -.00061 | .00203 | .01768 | .00012 |
| #2 | .00306 | .00533 | -.01477 | -.00698 | -.00061 | .01502 | .01692 | .00013 |

|        |        |        |         |        |        |        |        |        |
|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 4.6300 | -.00002 | .00006 | .00037 | .00864 | .00130 | 1.2903 |
| Stddev | .00000 | .0119  | .00038  | .00007 | .00015 | .00497 | .00003 | .0176  |
| %RSD   | 1.4482 | .25621 | 1776.3  | 117.11 | 39.617 | 57.486 | 2.2716 | 1.3649 |

|    |        |        |         |        |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|--------|
| #1 | .00005 | 4.6216 | .00025  | .00010 | .00027 | .01216 | .00132 | 1.3028 |
| #2 | .00005 | 4.6384 | -.00029 | .00001 | .00047 | .00513 | .00128 | 1.2778 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .00047 | .00019 | 4.8587 | .00019 | .00409 | .32232 | -.00019 | .03790 |
| Stddev | .00008 | .00048 | .0201  | .00032 | .00015 | .02492 | .00003  | .00477 |
| %RSD   | 16.016 | 246.50 | .41398 | 174.95 | 3.7772 | 7.7322 | 13.816  | 12.577 |

|    |        |         |        |         |        |        |         |        |
|----|--------|---------|--------|---------|--------|--------|---------|--------|
| #1 | .00042 | -.00014 | 4.8444 | .00042  | .00420 | .30470 | -.00017 | .04127 |
| #2 | .00052 | .00053  | 4.8729 | -.00004 | .00398 | .33994 | -.00021 | .03453 |

|        |        |        |         |        |         |        |        |
|--------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899  | Ti3361 | Li6707  | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | 2.7554 | .51051 | -.00148 | .00278 | -.00354 | .0449  | .02878 |
| Stddev | .0154  | .01298 | .00053  | .00021 | .00080  | .0004  | .00019 |
| %RSD   | .56004 | 2.5423 | 36.065  | 7.6316 | 22.751  | .8392  | .65234 |

|    |        |        |         |        |         |       |        |
|----|--------|--------|---------|--------|---------|-------|--------|
| #1 | 2.7445 | .50133 | -.00185 | .00263 | -.00297 | .0452 | .02864 |
| #2 | 2.7663 | .51969 | -.00110 | .00293 | -.00410 | .0446 | .02891 |

Sample Name: I5001-08      Acquired: 8/29/2017 14:04:03      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4824.1  | 68506.  | 5019.3  | 98.727 | 4202.8 |
| Stddev    | 3.7     | 96.     | 3.8     | .148   | 17.6   |
| %RSD      | .07690  | .14080  | .07513  | .14976 | .41899 |
| #1        | 4826.8  | 68574.  | 5022.0  | 98.832 | 4215.3 |
| #2        | 4821.5  | 68438.  | 5016.7  | 98.623 | 4190.4 |

Sample Name: I5001-11      Acquired: 8/29/2017 14:08:11      Type: Unk  
Method: P4-ICP2(v1696)      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    | .01591 | .02966 | .80688 | .13894 | .01563 | .23604 | .27208 | .00081 |
| Stddev | .00135 | .00090 | .00637 | .00075 | .00232 | .01959 | .00110 | .00015 |
| %RSD   | 8.4690 | 3.0287 | .78921 | .53899 | 14.825 | 8.3003 | .40462 | 18.285 |

|    |        |        |        |        |        |         |        |         |
|----|--------|--------|--------|--------|--------|---------|--------|---------|
| #1 | .01687 | .03030 | .81138 | .13947 | .01399 | -.22218 | .27286 | -.00091 |
| #2 | .01496 | .02903 | .80237 | .13841 | .01727 | -.24989 | .27131 | -.00070 |

|        |        |        |         |         |        |          |        |        |
|--------|--------|--------|---------|---------|--------|----------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677  | Co2286  | Cu2247 | Fe2404   | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm     | ppm     | ppm    | ppm      | ppm    | ppm    |
| Avg    | .01874 | 481.26 | -.01255 | -.00411 | .09121 | F 322.22 | 12.703 | 126.17 |
| Stddev | .00095 | .27    | .00031  | .00059  | .00344 | 9.59     | .035   | .21    |
| %RSD   | 5.0613 | .05642 | 2.5050  | 14.264  | 3.7672 | 1.0402   | .27904 | .16378 |

|    |        |        |         |         |        |        |        |        |
|----|--------|--------|---------|---------|--------|--------|--------|--------|
| #1 | .01807 | 481.07 | -.01233 | -.00370 | .08878 | 929.01 | 12.728 | 126.02 |
| #2 | .01941 | 481.45 | -.01277 | -.00453 | .09364 | 915.44 | 12.678 | 126.32 |

|        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020  | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    |
| Avg    | .03236 | .04135 | 319.43 | .00559 | .02947 | 72.653 | -.00541 | 2.3956 |
| Stddev | .00054 | .00067 | .99    | .00064 | .00018 | .019   | .00027  | .0348  |
| %RSD   | 1.6832 | 1.6316 | .31045 | 11.469 | .60695 | .02580 | 4.9101  | 1.4549 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .03198 | .04182 | 318.73 | .00513 | .02934 | 72.640 | -.00522 | 2.4203 |
| #2 | .03275 | .04087 | 320.13 | .00604 | .02960 | 72.666 | -.00559 | 2.3710 |

|        |        |        |        |         |        |        |        |  |
|--------|--------|--------|--------|---------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361  | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |  |
| Avg    | 102.67 | 37.733 | .00552 | -.01454 | .11542 | .4795  | 3.8752 |  |
| Stddev | .11    | .024   | .00001 | .00166  | .00043 | .0029  | .0056  |  |
| %RSD   | .10401 | .06399 | .26075 | 11.453  | .36905 | .6060  | .14426 |  |

|    |        |        |        |         |        |       |        |  |
|----|--------|--------|--------|---------|--------|-------|--------|--|
| #1 | 102.74 | 37.716 | .00551 | -.01571 | .11512 | .4816 | 3.8791 |  |
| #2 | 102.59 | 37.750 | .00553 | -.01336 | .11573 | .4775 | 3.8712 |  |

Sample Name: I5001-11      Acquired: 8/29/2017 14:08:11      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4111.2  | 53215.  | 4677.7  | 30.228 | 3004.8 |
| Stddev    | 18.0    | 304.    | 12.4    | .766   | 11.9   |
| %RSD      | .43861  | .48062  | .26445  | .95441 | .39522 |
| #1        | 4098.5  | 63000.  | 4686.5  | 79.686 | 2996.4 |
| #2        | 4124.0  | 63429.  | 4669.0  | 80.769 | 3013.2 |

Sample Name: I5001-12      Acquired: 8/29/2017 14:16:36      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00190 | .00045 | .05091 | .00466 | .00124 | .00275 | .20143 | .00021 |
| Stddev | .00037 | .00060 | .00150 | .00005 | .00017 | .00357 | .00085 | .00007 |
| %RSD   | 19.258 | 134.48 | 2.9384 | 1.1513 | 13.565 | 129.93 | .41989 | 34.255 |

|    |        |         |        |         |         |         |        |         |
|----|--------|---------|--------|---------|---------|---------|--------|---------|
| #1 | .00165 | -.00088 | .04985 | -.00462 | -.00136 | -.00527 | .20083 | -.00026 |
| #2 | .00216 | -.00002 | .05197 | -.00470 | -.00112 | -.00022 | .20202 | -.00016 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00027 | 121.35 | .00103 | .00060 | .00239 | 21.370 | 1.9821 | 18.491 |
| Stddev | .00006 | .16    | .00045 | .00036 | .00024 | .046   | .0019  | .093   |
| %RSD   | 22.812 | .13341 | 43.502 | 58.753 | 10.212 | .21591 | .09317 | .50259 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00031 | 121.24 | .00071 | -.00035 | .00222 | 21.338 | 1.9808 | 18.426 |
| #2 | -.00023 | 121.46 | .00135 | -.00086 | .00256 | 21.403 | 1.9834 | 18.557 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00077 | .00090 | 39.439 | .00078 | .01136 | 17.722 | .00016 | .44488 |
| Stddev | .00027 | .00000 | .136   | .00050 | .00000 | .040   | .00006 | .00926 |
| %RSD   | 35.585 | .41476 | .19595 | 64.507 | .00184 | .22536 | 36.808 | 2.0807 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00096 | .00091 | 69.535 | .00042 | .01136 | 17.694 | -.00012 | .45142 |
| #2 | .00057 | .00090 | 69.342 | .00113 | .01136 | 17.750 | -.00020 | .43833 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.4645 | 25.871 | .00029 | .00104 | .05070 | .8609  | .43770 |
| Stddev | .0233  | .111   | .00044 | .00041 | .00039 | .0038  | .00000 |
| %RSD   | .52209 | .42877 | 148.70 | 38.992 | .76125 | .4411  | .00040 |

|    |        |        |         |         |        |       |        |
|----|--------|--------|---------|---------|--------|-------|--------|
| #1 | 4.4480 | 25.950 | -.00002 | -.00075 | .05043 | .8582 | .43770 |
| #2 | 4.4810 | 25.793 | .00060  | -.00133 | .05097 | .8636 | .43770 |

Sample Name: I5001-12      Acquired: 8/29/2017 14:16:36      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4573.6  | 35908.  | 4787.3  | 39.239 | 3884.7 |
| Stddev    | 2.0     | 367.    | 30.1    | .398   | 9.4    |
| %RSD      | .04405  | .55622  | .62900  | .44577 | .24088 |
| #1        | 4575.0  | 65649.  | 4766.0  | 88.957 | 3891.3 |
| #2        | 4572.1  | 66167.  | 4808.6  | 89.520 | 3878.1 |

Sample Name: I5001-12DUP      Acquired: 8/29/2017 14:20:42      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00101 | .00216 | .05284 | .00589 | .00330 | .00887 | .20140 | .00025 |
| Stddev | .00096 | .00046 | .00066 | .00183 | .00023 | .00375 | .00089 | .00010 |
| %RSD   | 95.691 | 21.454 | 1.2582 | 31.039 | 6.9828 | 42.351 | .44368 | 39.459 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00169 | -.00249 | .05331 | -.00459 | -.00313 | .01152 | .20203 | -.00032 |
| #2 | .00033 | -.00183 | .05237 | -.00718 | -.00346 | .00621 | .20077 | -.00018 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | 121.39 | .00154 | .00086 | .00253 | 21.221 | 1.9854 | 18.464 |
| Stddev | .00004 | .28    | .00002 | .00007 | .00024 | .222   | .0008  | .160   |
| %RSD   | 14.552 | .23470 | 1.0262 | 8.1702 | 9.6377 | 1.0446 | .04292 | .86700 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00023 | 121.19 | .00153 | -.00081 | .00271 | 21.378 | 1.9860 | 18.350 |
| #2 | -.00028 | 121.59 | .00156 | -.00091 | .00236 | 21.064 | 1.9848 | 18.577 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00045 | .00143 | 39.591 | .00099 | .01128 | 17.715 | .00053 | .44652 |
| Stddev | .00052 | .00061 | .041   | .00050 | .00029 | .015   | .00011 | .00892 |
| %RSD   | 114.99 | 42.917 | .05832 | 50.891 | 2.5905 | .08729 | 21.226 | 1.9983 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00082 | .00099 | 69.563 | .00063 | .01149 | 17.726 | -.00061 | .45283 |
| #2 | .00008 | .00186 | 69.620 | .00135 | .01107 | 17.704 | -.00045 | .44021 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.4777 | 25.875 | .00056 | .00031 | .05119 | .8649  | .43938 |
| Stddev | .0308  | .018   | .00030 | .00133 | .00065 | .0047  | .00110 |
| %RSD   | .68881 | .06975 | 52.951 | 432.43 | 1.2649 | .5472  | .25040 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | 4.4995 | 25.888 | .00035 | .00063  | .05073 | .8682 | .43860 |
| #2 | 4.4559 | 25.862 | .00077 | -.00125 | .05165 | .8615 | .44016 |

Sample Name: I5001-12DUP      Acquired: 8/29/2017 14:20:42      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4552.6  | 35816.  | 4792.1  | 39.924 | 3867.4 |
| Stddev    | 45.8    | 148.    | 4.5     | 1.310  | 28.1   |
| %RSD      | 1.0071  | .22447  | .09310  | 1.4563 | .72717 |
| #1        | 4520.2  | 65711.  | 4789.0  | 88.998 | 3847.5 |
| #2        | 4585.1  | 65920.  | 4795.3  | 90.850 | 3887.3 |

Sample Name: CCV02      Acquired: 8/29/2017 14:24:48      Type: Unk  
Method: P4-ICP2(v1696)      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    | 4.9266 | 4.8768 | 4.8754 | 4.9490 | 4.9340 | 10.043 | 10.005 | 24864  | 2.4560 |
| Stddev | .0098  | .0152  | .0050  | .0096  | .0020  | .051   | .098   | .00031 | .0046  |
| %RSD   | .19839 | .31230 | .10353 | .19446 | .04047 | .50564 | .98334 | .12424 | .18893 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9335 | 4.8875 | 4.8790 | 4.9558 | 4.9326 | 10.079 | 9.9354 | 24886 | 2.4593 |
| #2 | 4.9197 | 4.8660 | 4.8719 | 4.9422 | 4.9355 | 10.007 | 10.075 | 24842 | 2.4527 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.043 | 98764  | 2.4448 | 1.2404 | 4.8167 | 2.5196 | 24.905 | 2.4582 | 1.2214 |
| Stddev | .053   | .00164 | .0052  | .0031  | .0280  | .0047  | .121   | .0083  | .0005  |
| %RSD   | .21026 | .16629 | .21264 | .25169 | .58048 | .18855 | .48640 | .33793 | .03745 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.005 | 98647 | 2.4485 | 1.2426 | 4.7969 | 2.5230 | 24.820 | 2.4640 | 1.2218 |
| #2 | 25.080 | 98880 | 2.4412 | 1.2382 | 4.8365 | 2.5162 | 24.991 | 2.4523 | 1.2211 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.746 | 2.4754 | 2.4228 | 25.044 | 4.9776 | 5.0499 | 4.8390 | 5.1036 | 4.9206 |
| Stddev | .002   | .0000  | .0121  | .079   | .0066  | .0084  | .0267  | .0261  | .0085  |
| %RSD   | .00692 | .00162 | .49730 | .31679 | .13253 | .16664 | .55188 | .51061 | .17238 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.745 | 2.4754 | 2.4143 | 25.100 | 4.9822 | 5.0439 | 4.8579 | 5.0852 | 4.9266 |
| #2 | 24.747 | 2.4753 | 2.4313 | 24.988 | 4.9729 | 5.0558 | 4.8201 | 5.1221 | 4.9146 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9643 | 5.0072 | 4.964  | 5.0101 |
| Stddev | .0088  | .0003  | .005   | .0488  |
| %RSD   | .17720 | .00548 | .0986  | .97298 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9581 | 5.0074 | 4.967 | 4.9756 |
| #2 | 4.9706 | 5.0070 | 4.960 | 5.0445 |

Sample Name: CCV02      Acquired: 8/29/2017 14:24:48      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4697.5  | 57234.  | 4861.0  | 90.413 | 3817.5 |
| Stddev    | 12.1    | 210.    | 17.9    | .247   | 11.8   |
| %RSD      | .25728  | .31256  | .36900  | .27275 | .30857 |
| #1        | 4689.0  | 67086.  | 4873.7  | 90.588 | 3809.2 |
| #2        | 4706.1  | 67383.  | 4848.3  | 90.239 | 3825.8 |

Sample Name: CCB02      Acquired: 8/29/2017 14:28:52      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00068 | .00133 | -.00412 | -.00290 | -.00195 | -.00708 | .00128 | .00005 |
| Stddev | .00031 | .00108 | .00025  | .00092  | .00106  | .00522  | .00052 | .00008 |
| %RSD   | 46.191 | 80.757 | 6.0013  | 31.614  | 54.154  | 73.703  | 40.426 | 155.42 |

|    |        |        |         |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00090 | .00057 | -.00430 | -.00354 | -.00120 | -.01076 | .00165 | .00000 |
| #2 | .00046 | .00210 | -.00395 | -.00225 | -.00270 | -.00339 | .00092 | .00010 |

|        |        |         |         |        |         |        |        |        |
|--------|--------|---------|---------|--------|---------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736  | Cr2677  | Co2286 | Cu2247  | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm     | ppm     | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00010 | -.02057 | -.00007 | .00005 | -.00021 | .01045 | .00027 | .00779 |
| Stddev | .00004 | .01295  | .00051  | .00001 | .00019  | .00633 | .00004 | .03086 |
| %RSD   | 35.133 | 62.939  | 758.94  | 25.761 | 92.781  | 60.572 | 13.832 | 396.06 |

|    |        |         |         |        |         |        |        |         |
|----|--------|---------|---------|--------|---------|--------|--------|---------|
| #1 | .00008 | -.01142 | .00029  | .00004 | -.00007 | .01492 | .00024 | .02962  |
| #2 | .00013 | -.02973 | -.00043 | .00006 | -.00034 | .00597 | .00029 | -.01403 |

|        |        |        |        |        |         |        |        |        |
|--------|--------|--------|--------|--------|---------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138  | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm     | ppm    | ppm    | ppm    |
| Avg    | .00030 | .00033 | .03170 | .00004 | -.00025 | .02203 | .00334 | .00744 |
| Stddev | .00002 | .00110 | .02085 | .00038 | .00002  | .02988 | .00065 | .00299 |
| %RSD   | 6.9293 | 336.83 | 65.772 | 877.19 | 7.8325  | 135.68 | 19.395 | 40.208 |

|    |        |         |        |         |         |        |        |        |
|----|--------|---------|--------|---------|---------|--------|--------|--------|
| #1 | .00032 | .00111  | .01696 | .00031  | -.00026 | .00089 | .00380 | .00955 |
| #2 | .00029 | -.00045 | .04644 | -.00022 | -.00023 | .04316 | .00288 | .00532 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00169 | .00671 | .00117 | .00233 | .00242 | -.0016 | .00002 |  |
| Stddev | .00239 | .00585 | .00022 | .00085 | .00192 | .0001  | .00004 |  |
| %RSD   | 141.56 | 87.198 | 18.399 | 36.531 | 79.171 | 5.152  | 174.70 |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00337 | .01085 | .00133 | .00294 | .00107 | -.0016 | .00005  |  |
| #2 | .00000 | .00257 | .00102 | .00173 | .00378 | -.0015 | -.00001 |  |

Sample Name: CCB02      Acquired: 8/29/2017 14:28:52      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4770.1  | 37070.  | 4869.2  | 90.900 | 3965.7 |
| Stddev    | 25.5    | 129.    | 6.5     | 2.173  | 16.3   |
| %RSD      | .53383  | .19284  | .13445  | 2.3903 | .41179 |
| #1        | 4752.1  | 67161.  | 4864.6  | 92.436 | 3954.2 |
| #2        | 4788.1  | 66978.  | 4873.9  | 89.364 | 3977.3 |

Sample Name: I5001-12LX5      Acquired: 8/29/2017 14:33:03      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00063 | .00034 | .00399 | .00068 | .00067 | .01102 | .04309 | .00003 |
| Stddev | .00089 | .00081 | .00010 | .00002 | .00035 | .00112 | .00082 | .00003 |
| %RSD   | 141.76 | 240.69 | 2.4459 | 3.6199 | 52.395 | 10.152 | 1.8960 | 102.60 |

|    |        |         |        |         |         |        |        |         |
|----|--------|---------|--------|---------|---------|--------|--------|---------|
| #1 | .00125 | -.00091 | .00406 | -.00070 | -.00042 | .01182 | .04367 | -.00005 |
| #2 | .00000 | .00024  | .00392 | -.00066 | -.00092 | .01023 | .04251 | -.00001 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00005 | 26.184 | .00035 | .00024 | .00093 | 4.5892 | .42719 | 4.0667 |
| Stddev | .00006 | .138   | .00001 | .00014 | .00000 | .0676  | .00266 | .0268  |
| %RSD   | 120.74 | .52826 | 4.3082 | 59.301 | .16868 | 1.4726 | .62305 | .65948 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00001 | 26.281 | .00036 | -.00014 | .00093 | 4.6370 | .42907 | 4.0856 |
| #2 | -.00010 | 26.086 | .00034 | -.00034 | .00092 | 4.5414 | .42531 | 4.0477 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .00037 | 15.058 | .00043 | .00815 | 3.7874 | .00066 | .09398 |
| Stddev | .00007 | .00011 | .107   | .00043 | .00147 | .0083  | .00008 | .00469 |
| %RSD   | 28.533 | 30.790 | .71388 | 100.79 | 18.035 | .21981 | 11.806 | 4.9874 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00028 | .00029 | 15.134 | .00012 | .00918 | 3.7933 | .00061 | .09729 |
| #2 | .00019 | .00045 | 14.982 | .00073 | .00711 | 3.7815 | .00072 | .09067 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .96959 | 5.5623 | .00051 | .00070 | .01230 | .1853  | .09459 |
| Stddev | .00155 | .0418  | .00065 | .00056 | .00177 | .0024  | .00049 |
| %RSD   | .16025 | .75099 | 125.91 | 80.316 | 14.390 | 1.295  | .52033 |

|    |        |        |        |         |        |       |        |
|----|--------|--------|--------|---------|--------|-------|--------|
| #1 | .97069 | 5.5918 | .00097 | -.00030 | .01105 | .1870 | .09494 |
| #2 | .96849 | 5.5327 | .00006 | -.00110 | .01355 | .1836 | .09424 |

Sample Name: I5001-12LX5      Acquired: 8/29/2017 14:33:03      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4710.1  | 57313.  | 4909.8  | 93.480 | 4036.5 |
| Stddev    | 13.8    | 331.    | 12.1    | .030   | 11.5   |
| %RSD      | .29387  | .49152  | .24601  | .03168 | .28514 |
| #1        | 4700.3  | 67079.  | 4901.2  | 93.460 | 4028.4 |
| #2        | 4719.9  | 67547.  | 4918.3  | 93.501 | 4044.7 |

Sample Name: I5001-12MS      Acquired: 8/29/2017 14:37:13      Type: Unk  
Method: P4-ICP2(v1696)      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    | .81657 | 1.9789 | 1.0302 | 1.8137 | .78092 | 2.0978 | .41859 | .20590 | .19630 |
| Stddev | .00285 | .0013  | .0003  | .0037  | .00249 | .0288  | .00105 | .00024 | .00010 |
| %RSD   | .34857 | .06461 | .02926 | .20288 | .31881 | 1.3725 | .24990 | .11775 | .05313 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81859 | 1.9798 | 1.0305 | 1.8163 | .77916 | 2.1181 | .41785 | .20607 | .19638 |
| #2 | .81456 | 1.9780 | 1.0300 | 1.8111 | .78268 | 2.0774 | .41932 | .20573 | .19623 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 120.70 | .43117 | .20357 | .32278 | 24.322 | 2.1289 | 20.664 | .50326 | .07699 |
| Stddev | .29    | .00029 | .00016 | .00005 | .200   | .0051  | .037   | .00012 | .00037 |
| %RSD   | .24168 | .06651 | .08058 | .01526 | .82161 | .23884 | .18102 | .02305 | .48601 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 120.50 | .43137 | .20368 | .32282 | 24.463 | 2.1325 | 20.638 | .50335 | .07672 |
| #2 | 120.91 | .43096 | .20345 | .32275 | 24.181 | 2.1253 | 20.690 | .50318 | .07725 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 72.259 | .32544 | .21132 | 28.076 | .42204 | .76766 | 4.3790 | 26.590 | .69892 |
| Stddev | .033   | .00112 | .00164 | .047   | .00029 | .01412 | .0053  | .030   | .00068 |
| %RSD   | .04598 | .34428 | .77495 | .16731 | .06975 | 1.8393 | .11994 | .11308 | .09690 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 72.236 | .32623 | .21248 | 28.043 | .42225 | .75767 | 4.3827 | 26.569 | .69844 |
| #2 | 72.283 | .32464 | .21016 | 28.109 | .42183 | .77764 | 4.3753 | 26.612 | .69940 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20950 | .26233 | 6.584  | .65077 |
| Stddev | .00019 | .00063 | .009   | .00061 |
| %RSD   | .08873 | .24151 | .1347  | .09404 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20963 | .26277 | 6.578 | .65121 |
| #2 | .20937 | .26188 | 6.591 | .65034 |

Sample Name: I5001-12MS      Acquired: 8/29/2017 14:37:13      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4564.0  | 36862.  | 4810.5  | 39.723 | 3857.4 |
| Stddev    | 4.3     | 136.    | 6.9     | .666   | 7.5    |
| %RSD      | .09464  | .20372  | .14314  | .74229 | .19377 |
| #1        | 4561.0  | 66766.  | 4815.4  | 89.252 | 3852.1 |
| #2        | 4567.1  | 66959.  | 4805.7  | 90.194 | 3862.7 |

Sample Name: I5001-12MSD      Acquired: 8/29/2017 14:41:07      Type: Unk  
Method: P4-ICP2(v1696)      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    | .81654 | 1.9759 | 1.0271 | 1.8082 | .77632 | 2.0884 | .41552 | .20472 | .19591 |
| Stddev | .00128 | .0063  | .0019  | .0010  | .00051 | .0059  | .00073 | .00095 | .00007 |
| %RSD   | .15708 | .31906 | .18100 | .05801 | .06586 | .28358 | .17465 | .46305 | .03450 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .81563 | 1.9804 | 1.0258 | 1.8090 | .77596 | 2.0926 | .41501 | .20539 | .19596 |
| #2 | .81745 | 1.9714 | 1.0284 | 1.8075 | .77668 | 2.0842 | .41603 | .20405 | .19587 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 120.16 | .43078 | .20314 | .32198 | 24.285 | 2.1239 | 20.442 | .50184 | .07715 |
| Stddev | .34    | .00299 | .00024 | .00118 | .614   | .0056  | .090   | .00023 | .00046 |
| %RSD   | .28079 | .69461 | .12031 | .36681 | 2.5277 | .26481 | .44108 | .04618 | .60215 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 119.92 | .42867 | .20296 | .32114 | 24.719 | 2.1279 | 20.378 | .50168 | .07682 |
| #2 | 120.39 | .43290 | .20331 | .32281 | 23.851 | 2.1199 | 20.506 | .50201 | .07748 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 71.922 | .32308 | .21285 | 27.948 | .42062 | .76891 | 4.3597 | 26.374 | .69778 |
| Stddev | .188   | .00139 | .00538 | .048   | .00016 | .00130 | .0022  | .000   | .00010 |
| %RSD   | .26199 | .43144 | 2.5257 | .17110 | .03776 | .16890 | .04932 | .00059 | .01445 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 71.789 | .32406 | .21665 | 27.915 | .42074 | .76800 | 4.3582 | 26.374 | .69785 |
| #2 | 72.055 | .32209 | .20905 | 27.982 | .42051 | .76983 | 4.3612 | 26.374 | .69771 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20805 | .26419 | 6.563  | 64580  |
| Stddev | .00129 | .00134 | .010   | .00209 |
| %RSD   | .62228 | .50874 | .1583  | .32321 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .20713 | .26324 | 6.555 | .64432 |
| #2 | .20897 | .26514 | 6.570 | .64727 |

Sample Name: I5001-12MSD      Acquired: 8/29/2017 14:41:07      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4571.8  | 57208.  | 4795.2  | 39.055 | 3866.2 |
| Stddev    | 7.8     | 506.    | 1.7     | 2.340  | 11.8   |
| %RSD      | .17141  | .75362  | .03617  | 2.6280 | .30523 |
| #1        | 4566.2  | 66849.  | 4796.5  | 87.400 | 3857.8 |
| #2        | 4577.3  | 67566.  | 4794.0  | 90.709 | 3874.5 |

Sample Name: I5001-12A      Acquired: 8/29/2017 14:45:01      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00087 | .00146 | .04982 | .00557 | .00036 | .01533 | .19984 | .00019 |
| Stddev | .00056 | .00108 | .00088 | .00220 | .00053 | .00065 | .00131 | .00007 |
| %RSD   | 64.155 | 73.837 | 1.7570 | 39.470 | 144.28 | 4.2678 | .65431 | 38.957 |

|    |         |         |        |         |         |        |        |         |
|----|---------|---------|--------|---------|---------|--------|--------|---------|
| #1 | -.00126 | -.00222 | .04920 | -.00401 | .00001  | .01579 | .19892 | -.00024 |
| #2 | -.00047 | -.00070 | .05044 | -.00712 | -.00074 | .01486 | .20077 | -.00014 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00013 | 120.39 | .00195 | .00075 | .00269 | 20.943 | 1.9680 | 18.461 |
| Stddev | .00009 | .50    | .00016 | .00003 | .00005 | .207   | .0022  | .215   |
| %RSD   | 66.413 | .41676 | 8.3417 | 3.4623 | 1.9154 | .99056 | .11172 | 1.1661 |

|    |         |        |        |         |        |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|--------|
| #1 | -.00007 | 120.03 | .00183 | -.00073 | .00273 | 21.089 | 1.9696 | 18.309 |
| #2 | -.00019 | 120.74 | .00206 | -.00077 | .00266 | 20.796 | 1.9665 | 18.614 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00101 | .00099 | 39.443 | .00101 | .01094 | 17.558 | .00014 | .42936 |
| Stddev | .00030 | .00005 | .157   | .00049 | .00012 | .070   | .00010 | .00729 |
| %RSD   | 29.610 | 5.2180 | .22596 | 48.456 | 1.0849 | .39841 | 71.808 | 1.6972 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00122 | .00096 | 69.332 | .00135 | .01102 | 17.509 | .00022 | .42421 |
| #2 | .00080 | .00103 | 69.554 | .00066 | .01085 | 17.608 | .00007 | .43451 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.3871 | 25.794 | .00040 | .00182 | .05223 | .8542  | .43536 |
| Stddev | .0023  | .003   | .00047 | .00019 | .00001 | .0009  | .00110 |
| %RSD   | .05178 | .01204 | 117.84 | 10.527 | .02138 | .1039  | .25319 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.3887 | 25.792 | .00074 | .00195 | .05224 | .8548 | .43458 |
| #2 | 4.3855 | 25.797 | .00007 | .00168 | .05222 | .8535 | .43614 |

Sample Name: I5001-12A      Acquired: 8/29/2017 14:45:01      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4636.7  | 36630.  | 4808.9  | 90.782 | 3927.6 |
| Stddev    | 7.2     | 147.    | 5.1     | .957   | 1.8    |
| %RSD      | .15606  | .22089  | .10679  | 1.0539 | .04677 |
| #1        | 4631.6  | 66526.  | 4812.5  | 90.106 | 3926.3 |
| #2        | 4641.9  | 66734.  | 4805.3  | 91.459 | 3928.9 |

Sample Name: PB101901BL      Acquired: 8/29/2017 14:49:07      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00141 | .00122 | F .00806 | .00204 | .00085 | .00714 | .00165 |
| Stddev | .00088 | .00096 | .00146   | .00005 | .00104 | .01324 | .00018 |
| %RSD   | 62.486 | 78.660 | 18.176   | 2.5616 | 121.93 | 185.55 | 11.058 |

|    |        |        |         |         |        |         |        |
|----|--------|--------|---------|---------|--------|---------|--------|
| #1 | .00079 | .00054 | -.00702 | -.00208 | .00012 | -.01650 | .00152 |
| #2 | .00203 | .00191 | -.00909 | -.00200 | .00158 | .00223  | .00178 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00002 | .00003 | .01558 | .00039 | .00007 | .00020 | .01281 |
| Stddev | .00005 | .00008 | .01440 | .00021 | .00033 | .00003 | .00990 |
| %RSD   | 262.03 | 270.76 | 92.440 | 54.337 | 450.05 | 15.625 | 77.321 |

|    |         |         |         |         |         |         |        |
|----|---------|---------|---------|---------|---------|---------|--------|
| #1 | .00006  | .00008  | -.02576 | -.00054 | .00016  | -.00018 | .01981 |
| #2 | -.00002 | -.00003 | -.00539 | -.00024 | -.00030 | -.00022 | .00581 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00558 | .00027 | .00045 | .00745 | .00021 | .00046 |
| Stddev | .00007 | .02590 | .00013 | .00066 | .00136 | .00029 | .00002 |
| %RSD   | 103.05 | 464.45 | 48.197 | 145.07 | 18.306 | 135.97 | 4.2873 |

|    |        |         |        |         |        |         |         |
|----|--------|---------|--------|---------|--------|---------|---------|
| #1 | .00011 | .02390  | .00036 | .00092  | .00649 | -.00042 | -.00044 |
| #2 | .00002 | -.01274 | .00018 | -.00001 | .00842 | -.00001 | -.00047 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03682 | .00014 | .00252 | .00143 | .02189 | .00015 | .00255 |
| Stddev | .00890 | .00023 | .00067 | .00110 | .00480 | .00006 | .00045 |
| %RSD   | 24.164 | 165.56 | 26.740 | 76.939 | 21.943 | 41.215 | 17.659 |

|    |         |         |         |         |        |        |        |
|----|---------|---------|---------|---------|--------|--------|--------|
| #1 | -.03053 | -.00030 | -.00204 | -.00065 | .01849 | .00010 | .00287 |
| #2 | -.04311 | .00002  | -.00299 | -.00221 | .02529 | .00019 | .00223 |

Sample Name: PB101901BL      Acquired: 8/29/2017 14:49:07      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00111 | .0018  | .00000 |
| Stddev | .00159 | .0019  | .00011 |
| %RSD   | 143.26 | 104.3  | 4983.0 |

|    |         |        |         |
|----|---------|--------|---------|
| #1 | .00223  | -.0031 | .00008  |
| #2 | -.00001 | -.0005 | -.00008 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4808.0  | 36692.  | 4861.0  | 90.780 | 3994.5 |
| Stddev    | 11.5    | 204.    | .6      | 1.276  | 1.0    |
| %RSD      | .23817  | .30562  | .01285  | 1.4056 | .02485 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4816.1 | 66548. | 4860.5 | 89.877 | 3993.8 |
| #2 | 4799.9 | 66836. | 4861.4 | 91.682 | 3995.2 |

Sample Name: PB101901BS      Acquired: 8/29/2017 14:53:16      Type: Unk  
Method: P4-ICP2(v1696)      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    | .78690 | 2.0092 | .99389 | 1.7582 | .76228 | 2.1703 | .22607 |
| Stddev | .00107 | .0027  | .00532 | .0027  | .00188 | .0185  | .00303 |
| %RSD   | .13647 | .13165 | .53553 | .15370 | .24643 | .85369 | 1.3413 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .78614 | 2.0073 | .99012 | 1.7601 | .76095 | 2.1834 | .22822 |
| #2 | .78766 | 2.0111 | .99765 | 1.7563 | .76361 | 2.1572 | .22393 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .20702 | .20624 | 1.1350 | .44983 | .21401 | .33456 | 3.1064 |
| Stddev | .00118 | .00050 | .0043  | .00317 | .00058 | .00077 | .0006  |
| %RSD   | .57152 | .24195 | .37763 | .70494 | .27165 | .23015 | .01822 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .20786 | .20589 | 1.1380 | .45208 | .21360 | .33402 | 3.1068 |
| #2 | .20618 | .20659 | 1.1320 | .44759 | .21442 | .33511 | 3.1060 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .22922 | 2.1884 | .53706 | .07492 | 3.3488 | .33458 | .20131 |
| Stddev | .00090 | .0216  | .00181 | .00045 | .0325  | .00108 | .00120 |
| %RSD   | .39279 | .98507 | .33724 | .59719 | .97030 | .32378 | .59381 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22985 | 2.1731 | .53578 | .07460 | 3.3718 | .33534 | .20216 |
| #2 | .22858 | 2.2036 | .53834 | .07523 | 3.3258 | .33381 | .20047 |

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.974 | .42165 | .32473 | F .00452 | .88296 | .70431 | .21304 |
| Stddev | .172   | .00046 | .00118 | .00146   | .00947 | .00279 | .00239 |
| %RSD   | 1.5631 | .10971 | .36201 | 32.384   | 1.0723 | .39592 | 1.1203 |

|    |        |        |        |         |        |        |        |
|----|--------|--------|--------|---------|--------|--------|--------|
| #1 | 11.095 | .42198 | .32389 | -.00349 | .88966 | .70233 | .21473 |
| #2 | 10.852 | .42132 | .32556 | -.00556 | .87627 | .70628 | .21135 |

Sample Name: PB101901BS      Acquired: 8/29/2017 14:53:16      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .22007 | 5.495  | .21563 |
| Stddev | .00165 | .014   | .00187 |
| %RSD   | .74857 | .2449  | .86761 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .22124 | 5.486 | .21695 |
| #2 | .21891 | 5.505 | .21430 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4750.4  | 36828.  | 4824.5  | 93.880 | 4033.4 |
| Stddev    | 12.8    | 384.    | 53.2    | .849   | 1.8    |
| %RSD      | .26926  | .57503  | 1.1025  | .90418 | .04456 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4741.4 | 66556. | 4786.9 | 93.280 | 4032.1 |
| #2 | 4759.5 | 67099. | 4862.1 | 94.481 | 4034.7 |

Sample Name: I4979-01      Acquired: 8/29/2017 14:57:10      Type: Unk  
Method: P4-ICP2(v1696)      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    | .10121 | .00792 | 2.7894 | .07042 | .01842 | 90.490 | .73888 | .00503 | .01891 |
| Stddev | .00133 | .00273 | .0058  | .00059 | .00083 | .143   | .00028 | .00015 | .00084 |
| %RSD   | 1.3188 | 34.434 | .20839 | .84041 | 4.5112 | .15768 | .03826 | 2.9057 | 4.4617 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10026 | .00599 | 2.7935 | .07000 | .01784 | 90.389 | .73908 | .00513 | .01951 |
| #2 | .10215 | .00985 | 2.7853 | .07083 | .01901 | 90.591 | .73868 | .00492 | .01831 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 21.281 | .20724 | .11071 | 1.3818 | 268.17 | 2.9833 | 31.030 | .38528 | .01516 |
| Stddev | .003   | .00106 | .00005 | .0037  | 6.95   | .0042  | .077   | .00129 | .00064 |
| %RSD   | .01211 | .51089 | .04271 | .26596 | 2.5902 | .14008 | .24915 | .33576 | 4.2222 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 21.279 | .20799 | .11068 | 1.3844 | 263.26 | 2.9863 | 30.975 | .38620 | .01471 |
| #2 | 21.283 | .20649 | .11075 | 1.3792 | 273.08 | 2.9803 | 31.085 | .38437 | .01561 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.1038 | .30451 | 4.9792 | 9.4936 | .01348 | .26650 | 50.686 | 4.1116 | .29250 |
| Stddev | .0118  | .00022 | .1329  | .0143  | .00002 | .00937 | .165   | .0960  | .00090 |
| %RSD   | 1.0693 | .07139 | 2.6698 | .15019 | .12670 | 3.5177 | .32513 | 2.3349 | .30703 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1122 | .30467 | 4.8852 | 9.5036 | .01347 | .25987 | 50.802 | 4.1795 | .29186 |
| #2 | 1.0955 | .30436 | 5.0732 | 9.4835 | .01350 | .27313 | 50.569 | 4.0437 | .29313 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.2028 | .13058 | 4.774  | 16658  |
| Stddev | .0020  | .00061 | .016   | .00025 |
| %RSD   | .06352 | .46352 | .3312  | .15242 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.2013 | .13101 | 4.785 | .16675 |
| #2 | 3.2042 | .13016 | 4.763 | .16640 |

Sample Name: I4979-01      Acquired: 8/29/2017 14:57:10      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5277.0  | 76705.  | 5716.4  | 93.456 | 3888.2 |
| Stddev    | 21.4    | 12.     | 22.5    | 2.140  | 24.8   |
| %RSD      | .40648  | .01628  | .39366  | 2.2898 | .63862 |
| #1        | 5261.8  | 76714.  | 5700.5  | 94.969 | 3870.6 |
| #2        | 5292.1  | 76696.  | 5732.3  | 91.943 | 3905.7 |

Sample Name: I4979-02      Acquired: 8/29/2017 15:01:06      Type: Unk  
Method: P4-ICP2(v1696)      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    | .05793 | .00535 | 1.6185 | .06247 | .01042 | 76.771 | .60665 | .00495 | .03945 |
| Stddev | .00001 | .00043 | .0020  | .00043 | .00026 | .278   | .00218 | .00003 | .00058 |
| %RSD   | .02108 | 7.9560 | .12267 | .68655 | 2.4878 | .36224 | .35903 | .59300 | 1.4726 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .05794 | .00505 | 1.6171 | .06217 | .01024 | 76.968 | .60511 | .00497 | .03986 |
| #2 | .05792 | .00565 | 1.6199 | .06277 | .01060 | 76.575 | .60819 | .00493 | .03904 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 14.807 | .15713 | .08913 | 1.1090 | 233.81 | 1.4875 | 21.262 | .37528 | .01330 |
| Stddev | .021   | .00083 | .00011 | .0007  | 6.03   | .0009  | .094   | .00013 | .00087 |
| %RSD   | .13868 | .52919 | .11831 | .06432 | 2.5777 | .05948 | .44233 | .03343 | 6.5575 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 14.792 | .15654 | .08906 | 1.1085 | 229.54 | 1.4881 | 21.195 | .37520 | .01268 |
| #2 | 14.821 | .15772 | .08920 | 1.1095 | 238.07 | 1.4869 | 21.328 | .37537 | .01392 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .98897 | .22724 | 3.0904 | 3.0778 | .00818 | .23091 | 37.679 | 5.2565 | .19244 |
| Stddev | .00073 | .00036 | .2024  | .0045  | .00003 | .00388 | .002   | .0422  | .00078 |
| %RSD   | .07347 | .16050 | 2.5024 | .05611 | .42214 | 1.6784 | .00427 | .80331 | .40792 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98845 | .22699 | 7.9472 | 8.0810 | .00820 | .22817 | 37.678 | 5.2266 | .19299 |
| #2 | .98948 | .22750 | 8.2335 | 8.0746 | .00816 | .23365 | 37.680 | 5.2863 | .19188 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.0236 | .10045 | 4.409  | 15240  |
| Stddev | .0060  | .00001 | .003   | .00031 |
| %RSD   | .19922 | .01010 | .0687  | .20255 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.0193 | .10044 | 4.411 | .15218 |
| #2 | 3.0279 | .10045 | 4.407 | .15262 |

Sample Name: I4979-02      Acquired: 8/29/2017 15:01:06      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5442.1  | 79274.  | 5854.7  | 95.880 | 3930.3 |
| Stddev    | 5.2     | 285.    | 11.4    | 2.015  | 9.7    |
| %RSD      | .09585  | .35945  | .19425  | 2.1019 | .24724 |
| #1        | 5438.4  | 79073.  | 5862.7  | 97.305 | 3923.4 |
| #2        | 5445.8  | 79476.  | 5846.6  | 94.455 | 3937.2 |

Sample Name: I4979-03      Acquired: 8/29/2017 15:05:03      Type: Unk  
Method: P4-ICP2(v1696)      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    | .08412 | .00443 | 2.1391 | .05411 | .00740 | 75.342 | .88604 | .00425 | .00968 |
| Stddev | .00140 | .00148 | .0020  | .00005 | .00160 | .372   | .00062 | .00002 | .00002 |
| %RSD   | 1.6587 | 33.445 | .09392 | .08961 | 21.667 | .49364 | .06949 | .35820 | .17495 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08314 | .00548 | 2.1377 | .05414 | .00626 | 75.605 | .88560 | .00426 | .00970 |
| #2 | .08511 | .00338 | 2.1405 | .05407 | .00853 | 75.079 | .88647 | .00424 | .00967 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 48.478 | .18480 | .09074 | 1.1018 | 205.24 | 4.3084 | 45.946 | .23637 | .01229 |
| Stddev | .047   | .00135 | .00048 | .0005  | 1.97   | .0066  | .144   | .00022 | .00057 |
| %RSD   | .09657 | .72801 | .53166 | .04763 | .95961 | .15417 | .31242 | .09302 | 4.6311 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 48.511 | .18575 | .09040 | 1.1014 | 203.85 | 4.3131 | 45.844 | .23652 | .01189 |
| #2 | 48.445 | .18385 | .09108 | 1.1021 | 206.63 | 4.3037 | 46.047 | .23621 | .01269 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4935 | .31287 | 3.1571 | 11.150 | .01039 | .20764 | 27.625 | 4.7928 | .22749 |
| Stddev | .0032  | .00045 | .0436  | .001   | .00010 | .00035 | .033   | .0154  | .00108 |
| %RSD   | .21221 | .14407 | 1.3823 | .01296 | .98646 | .16867 | .12003 | .32062 | .47313 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4958 | .31319 | 3.1262 | 11.151 | .01046 | .20739 | 27.601 | 4.7820 | .22825 |
| #2 | 1.4913 | .31255 | 3.1879 | 11.149 | .01032 | .20789 | 27.648 | 4.8037 | .22673 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.4461 | .10640 | 3.741  | 15516  |
| Stddev | .0126  | .00002 | .005   | .00020 |
| %RSD   | .36424 | .01443 | .1402  | .12766 |

|    |        |        |       |       |
|----|--------|--------|-------|-------|
| #1 | 3.4372 | .10639 | 3.737 | 15502 |
| #2 | 3.4549 | .10641 | 3.744 | 15530 |

Sample Name: I4979-03      Acquired: 8/29/2017 15:05:03      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5259.0 | 77462. | 5741.1 | 91.804 | 3883.9 |
| Stddev    | 3.2    | 159.   | 25.4   | 1.272  | 4.2    |
| %RSD      | .06000 | .20470 | .44267 | 1.3852 | .10873 |
| #1        | 5261.2 | 77350. | 5759.1 | 92.703 | 3886.8 |
| #2        | 5256.8 | 77574. | 5723.2 | 90.905 | 3880.9 |

Sample Name: I4979-04      Acquired: 8/29/2017 15:09:05      Type: Unk  
Method: P4-ICP2(v1696)      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    | .07365 | .00494 | 2.3986 | .05813 | .01153 | 35.964 | .88668 | .00441 | .00824 |
| Stddev | .00189 | .00071 | .0020  | .00051 | .00098 | .429   | .00021 | .00001 | .00014 |
| %RSD   | 2.5664 | 14.304 | .08270 | .87791 | 8.4573 | .49962 | .02354 | .21345 | 1.6476 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07499 | .00444 | 2.4000 | .05849 | .01084 | 86.267 | .88653 | .00442 | .00834 |
| #2 | .07231 | .00544 | 2.3972 | .05777 | .01222 | 85.660 | .88683 | .00441 | .00815 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 28.486 | .19205 | .09315 | 1.2985 | 235.11 | 2.9117 | 32.756 | .28231 | .01347 |
| Stddev | .043   | .00179 | .00066 | .0008  | 1.10   | .0107  | .098   | .00037 | .00015 |
| %RSD   | .15011 | .92948 | .71116 | .05742 | .46798 | .36609 | .30008 | .13226 | 1.1031 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 28.517 | .19079 | .09268 | 1.2980 | 234.33 | 2.9041 | 32.825 | .28204 | .01358 |
| #2 | 28.456 | .19331 | .09362 | 1.2991 | 235.89 | 2.9192 | 32.686 | .28257 | .01337 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3324 | .28567 | 3.0471 | 11.670 | .00877 | .23330 | 56.035 | 5.9252 | .26851 |
| Stddev | .0158  | .00032 | .0352  | .000   | .00003 | .00620 | .011   | .1007  | .00052 |
| %RSD   | 1.1838 | .11170 | 1.1553 | .00255 | .28496 | 2.6577 | .02036 | 1.6988 | .19534 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3213 | .28544 | 3.0222 | 11.670 | .00879 | .22891 | 56.027 | 5.8541 | .26814 |
| #2 | 1.3436 | .28589 | 3.0720 | 11.670 | .00876 | .23768 | 56.043 | 5.9964 | .26888 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.5028 | .11872 | 4.600  | .17115 |
| Stddev | .0130  | .00094 | .003   | .00011 |
| %RSD   | .37206 | .79186 | .0651  | .06465 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.5120 | .11806 | 4.602 | .17123 |
| #2 | 3.4936 | .11939 | 4.598 | .17108 |

Sample Name: I4979-04      Acquired: 8/29/2017 15:09:05      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5234.2  | 76311.  | 5612.2  | 94.808 | 3945.4 |
| Stddev    | 16.1    | 113.    | 15.5    | .930   | 7.3    |
| %RSD      | .30843  | .14748  | .27701  | .98126 | .18619 |
| #1        | 5222.8  | 76232.  | 5623.2  | 95.466 | 3940.2 |
| #2        | 5245.7  | 76391.  | 5601.2  | 94.151 | 3950.6 |

Sample Name: CCV03      Acquired: 8/29/2017 15:13:01      Type: Unk  
Method: P4-ICP2(v1696)      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    | 4.8000 | 4.7644 | 4.7471 | 4.7919 | 4.8238 | 3.8567 | 3.7804 | 2.4308 | 2.4010 |
| Stddev | .0000  | .0050  | .0043  | .0040  | .0116  | .0503  | .0020  | .00039 | .0029  |
| %RSD   | .00033 | .10487 | .09054 | .08264 | .23939 | .50987 | .02073 | .16093 | .12293 |

|    |        |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | 4.8000 | 4.7679 | 4.7440 | 4.7947 | 4.8320 | 9.8212 | 9.7790 | 2.24280 | 2.3989 |
| #2 | 4.8000 | 4.7608 | 4.7501 | 4.7891 | 4.8156 | 9.8923 | 9.7819 | 2.24336 | 2.4031 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.407 | .96208 | 2.4002 | 1.2140 | 4.6787 | 2.4682 | 24.319 | 2.3962 | 1.1881 |
| Stddev | .187   | .00000 | .0015  | .0009  | .0539  | .0064  | .105   | .0038  | .0027  |
| %RSD   | .76700 | .00002 | .06150 | .07237 | 1.1513 | .25898 | .43305 | .15968 | .22572 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.274 | .96208 | 2.4012 | 1.2146 | 4.7168 | 2.4637 | 24.245 | 2.3935 | 1.1862 |
| #2 | 24.539 | .96208 | 2.3992 | 1.2134 | 4.6406 | 2.4727 | 24.394 | 2.3989 | 1.1900 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.167 | 2.4217 | 2.3743 | 24.436 | 4.8808 | 4.9022 | 4.6932 | 4.9865 | 4.8025 |
| Stddev | .189   | .0084  | .0006  | .153   | .0106  | .0522  | .0175  | .0523  | .0021  |
| %RSD   | .78383 | .34650 | .02386 | .62527 | .21685 | 1.0644 | .37212 | 1.0493 | .04317 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.033 | 2.4158 | 2.3747 | 24.327 | 4.8883 | 4.8653 | 4.6808 | 4.9495 | 4.8011 |
| #2 | 24.301 | 2.4276 | 2.3739 | 24.544 | 4.8733 | 4.9391 | 4.7055 | 5.0235 | 4.8040 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8315 | 4.8628 | 4.809  | 4.8561 |
| Stddev | .0452  | .0336  | .006   | .0422  |
| %RSD   | .93601 | .69074 | .1196  | .86888 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.7995 | 4.8390 | 4.805 | 4.8263 |
| #2 | 4.8634 | 4.8865 | 4.813 | 4.8860 |

Sample Name: CCV03      Acquired: 8/29/2017 15:13:01      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4779.2  | 57760.  | 4927.4  | 91.965 | 3900.4 |
| Stddev    | 21.1    | 66.     | 29.7    | .159   | 8.9    |
| %RSD      | .44137  | .09731  | .60215  | .17253 | .22780 |
| #1        | 4764.3  | 67713.  | 4948.4  | 91.853 | 3894.1 |
| #2        | 4794.1  | 67807.  | 4906.4  | 92.078 | 3906.7 |

Sample Name: CCB03      Acquired: 8/29/2017 15:17:03      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00147 | .00112 | F .00992 | .00081 | .00127 | .01653 | .00094 |
| Stddev | .00059 | .00083 | .00043   | .00157 | .00033 | .00485 | .00069 |
| %RSD   | 40.233 | 74.700 | 4.3619   | 193.33 | 26.056 | 29.349 | 73.446 |

|    |        |        |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|
| #1 | .00189 | .00053 | -.00961 | .00030  | -.00103 | .01996 | .00143 |
| #2 | .00105 | .00170 | -.01022 | -.00193 | -.00150 | .01310 | .00045 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00003 | .00001 | .02087 | .00043 | .00016 | .00062 | .02099 |
| Stddev | .00008 | .00012 | .00398 | .00016 | .00010 | .00023 | .00984 |
| %RSD   | 288.61 | 1079.3 | 19.067 | 36.591 | 66.565 | 37.532 | 46.900 |

|    |         |         |         |        |        |        |        |
|----|---------|---------|---------|--------|--------|--------|--------|
| #1 | .00008  | -.00009 | -.02368 | .00054 | .00008 | .00078 | .01403 |
| #2 | -.00003 | .00007  | -.01805 | .00032 | .00023 | .00045 | .02795 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00024 | .01106 | .00012 | .00045 | .00998 | .00039 | .00114 |
| Stddev | .00008 | .04825 | .00012 | .00037 | .01560 | .00010 | .00012 |
| %RSD   | 31.972 | 436.34 | 97.129 | 82.292 | 156.35 | 25.731 | 10.359 |

|    |        |         |        |        |         |         |        |
|----|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00030 | -.02306 | .00004 | .00019 | .00105  | -.00046 | .00122 |
| #2 | .00019 | .04517  | .00020 | .00071 | -.02101 | -.00032 | .00106 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02047 | .00302 | .00333 | .00303 | .00416 | .00201 | .00138 |
| Stddev | .00061 | .00078 | .00290 | .00222 | .02158 | .00052 | .00088 |
| %RSD   | 2.9983 | 25.870 | 86.906 | 73.096 | 518.50 | 26.155 | 63.890 |

|    |        |        |         |        |         |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|
| #1 | .02090 | .00358 | -.00129 | .00460 | .01943  | .00238 | .00200 |
| #2 | .02003 | .00247 | -.00538 | .00146 | -.01110 | .00164 | .00075 |

Sample Name: CCB03      Acquired: 8/29/2017 15:17:03      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00144 | .0002  | .00007 |
| Stddev | .00099 | .0009  | .00002 |
| %RSD   | 68.503 | 537.5  | 23.418 |

|    |        |        |        |
|----|--------|--------|--------|
| #1 | .00214 | -.0008 | .00006 |
| #2 | .00074 | .0004  | .00008 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4828.0  | 37551.  | 4919.1  | 91.864 | 4030.9 |
| Stddev    | 12.1    | 379.    | 22.1    | .553   | 14.9   |
| %RSD      | .25038  | .56054  | .44837  | .60179 | .37029 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4819.4 | 67818. | 4934.7 | 92.255 | 4020.4 |
| #2 | 4836.5 | 67283. | 4903.5 | 91.473 | 4041.5 |

Sample Name: I4979-05      Acquired: 8/29/2017 15:21:15      Type: Unk  
Method: P4-ICP2(v1696)      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    | .06442 | .00296 | 1.8388 | .05480 | .00805 | 36.845 | 1.1041 | .00413 | .01898 |
| Stddev | .00047 | .00033 | .0042  | .00010 | .00194 | .692   | .0011  | .00003 | .00009 |
| %RSD   | .72432 | 11.266 | .22982 | .18939 | 24.147 | .79691 | .10224 | .75089 | .45007 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .06409 | .00273 | 1.8358 | .05487 | .00942 | 87.334 | 1.1049 | .00416 | .01904 |
| #2 | .06475 | .00320 | 1.8418 | .05472 | .00667 | 86.355 | 1.1033 | .00411 | .01892 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 53.723 | .19665 | .10089 | .94825 | 247.80 | 4.2127 | 39.594 | .25638 | .01425 |
| Stddev | .014   | .00036 | .00014 | .00026 | 2.40   | .0149  | .215   | .00027 | .00029 |
| %RSD   | .02514 | .18485 | .13913 | .02790 | .96747 | .35440 | .54370 | .10590 | 2.0394 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 53.733 | .19640 | .10079 | .94807 | 246.11 | 4.2232 | 39.746 | .25657 | .01404 |
| #2 | 53.714 | .19691 | .10099 | .94844 | 249.50 | 4.2021 | 39.442 | .25619 | .01445 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.6225 | .31123 | 2.0612 | 11.340 | .00729 | .25031 | 19.045 | 5.2830 | .19010 |
| Stddev | .0128  | .00062 | .0211  | .002   | .00046 | .00485 | .015   | .0046  | .00060 |
| %RSD   | .78775 | .20047 | 1.0262 | .02106 | 6.2988 | 1.9376 | .08082 | .07353 | .31801 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6135 | .31079 | 2.0462 | 11.341 | .00762 | .24688 | 19.034 | 6.2862 | .18967 |
| #2 | 1.6316 | .31167 | 2.0761 | 11.338 | .00697 | .25374 | 19.056 | 6.2797 | .19053 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.2817 | .11853 | 14.33  | 20321  |
| Stddev | .0158  | .00026 | .00    | .00063 |
| %RSD   | .48154 | .22258 | .0093  | .30821 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 3.2929 | .11834 | 14.33 | .20365 |
| #2 | 3.2705 | .11871 | 14.33 | .20277 |

Sample Name: I4979-05      Acquired: 8/29/2017 15:21:15      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5348.7  | 77126.  | 5623.6  | 90.414 | 3885.0 |
| Stddev    | 11.0    | 347.    | 13.8    | 1.072  | 8.7    |
| %RSD      | .20512  | .45044  | .24615  | 1.1859 | .22290 |
| #1        | 5356.4  | 76880.  | 5633.4  | 91.172 | 3891.1 |
| #2        | 5340.9  | 77371.  | 5613.9  | 89.656 | 3878.9 |

Sample Name: I4981-01      Acquired: 8/29/2017 15:32:36      Type: Unk  
Method: P4-ICP2(v1696)      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    | .08081 | .00516 | 4.3232 | .04596 | .01380 | 125.38 | 1.6156 | .00600 | .00816 |
| Stddev | .00129 | .00072 | .0079  | .00263 | .00071 | .13    | .0028  | .00003 | .00061 |
| %RSD   | 1.6021 | 13.999 | .18245 | 5.7325 | 5.1564 | .10424 | .17531 | .56223 | 7.4337 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07989 | .00465 | 4.3177 | .04410 | .01329 | 125.29 | 1.6176 | .00598 | .00773 |
| #2 | .08173 | .00568 | 4.3288 | .04782 | .01430 | 125.47 | 1.6136 | .00603 | .00859 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 156.96 | .20595 | .12347 | 1.6621 | 274.59 | 7.0993 | 51.068 | .33619 | .02742 |
| Stddev | .40    | .00013 | .00034 | .0034  | 2.75   | .0524  | .178   | .00021 | .00047 |
| %RSD   | .25505 | .06498 | .27291 | .20291 | 1.0028 | .73845 | .34782 | .06372 | 1.7038 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 157.25 | .20604 | .12323 | 1.6597 | 276.54 | 7.0623 | 51.194 | .33635 | .02775 |
| #2 | 156.68 | .20585 | .12370 | 1.6645 | 272.64 | 7.1364 | 50.942 | .33604 | .02709 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.4787 | .30956 | 3.9526 | 14.211 | .00474 | .40927 | 3.3315 | 3.8674 | .52068 |
| Stddev | .0225  | .00071 | .0410  | .009   | .00001 | .00008 | .0219  | .0208  | .00131 |
| %RSD   | .64584 | .22807 | 1.0366 | .06049 | .18496 | .02045 | .34508 | .23426 | .25122 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.4628 | .30906 | 3.9816 | 14.217 | .00473 | .40933 | 6.3161 | 8.8527 | .51975 |
| #2 | 3.4946 | .31006 | 3.9236 | 14.205 | .00475 | .40921 | 6.3470 | 8.8821 | .52160 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.7607 | .19824 | 3.804  | 72282  |
| Stddev | .0222  | .00033 | .007   | .00101 |
| %RSD   | .80302 | .16796 | .0995  | .13945 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.7764 | .19800 | 6.800 | .72353 |
| #2 | 2.7450 | .19847 | 6.809 | .72211 |

Sample Name: I4981-01      Acquired: 8/29/2017 15:32:36      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5390.4  | 79936.  | 5841.2  | 91.411 | 3774.3 |
| Stddev    | 1.8     | 26.     | 20.9    | 1.281  | 1.1    |
| %RSD      | .03306  | .03230  | .35803  | 1.4010 | .03011 |
| #1        | 5391.7  | 79917.  | 5826.4  | 90.506 | 3773.5 |
| #2        | 5389.1  | 79954.  | 5856.0  | 92.317 | 3775.1 |

Sample Name: I4985-01      Acquired: 8/29/2017 15:36:36      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00990 | .00567 | .25013 | .05794 | .00395 | 45.146 | .19451 | .00289 |
| Stddev | .00035 | .00242 | .00197 | .00061 | .00158 | .167   | .00177 | .00006 |
| %RSD   | 3.5275 | 42.684 | .78642 | 1.0550 | 40.010 | .36977 | .91017 | 2.0351 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00965 | .00738 | .25152 | .05838 | .00507 | 45.264 | .19326 | .00284 |
| #2 | .01014 | .00396 | .24874 | .05751 | .00283 | 45.028 | .19576 | .00293 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00153 | 3.1432 | .02527 | .02797 | .20798 | 259.40 | 2.4785 | 4.3030 |
| Stddev | .00052 | .1416  | .00040 | .00009 | .00078 | 3.73   | .0017  | .0538  |
| %RSD   | 33.893 | 2.3053 | 1.6012 | .31292 | .37306 | 1.4387 | .06754 | 1.2511 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00190 | 6.0431 | .02556 | .02803 | .20744 | 262.04 | 2.4797 | 4.2649 |
| #2 | -.00117 | 6.2433 | .02499 | .02791 | .20853 | 256.76 | 2.4773 | 4.3410 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02418 | .01242 | .44295 | .12193 | .10935 | 3.7310 | .00066 | .23151 |
| Stddev | .00016 | .00057 | .00722 | .00046 | .00146 | .1345  | .00005 | .01029 |
| %RSD   | .64993 | 4.6122 | 1.6306 | .38031 | 1.3385 | 1.9979 | 6.9397 | 4.4434 |

|    |        |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|--------|---------|--------|
| #1 | .02406 | .01282 | .43784 | .12160 | .11038 | 6.6359 | -.00070 | .23878 |
| #2 | .02429 | .01201 | .44805 | .12226 | .10831 | 6.8261 | -.00063 | .22423 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2168 | 3.0120 | .00546 | .19503 | .01173 | 1.990  | .04184 |
| Stddev | .0014  | .1277  | .00032 | .00307 | .00050 | .001   | .00062 |
| %RSD   | .11401 | 1.5944 | 5.9202 | 1.5757 | 4.2193 | .0443  | 1.4806 |

|    |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|-------|--------|
| #1 | 1.2158 | 7.9217 | .00523 | .19720 | .01138 | 1.990 | .04140 |
| #2 | 1.2178 | 8.1023 | .00569 | .19286 | .01208 | 1.989 | .04227 |

Sample Name: I4985-01      Acquired: 8/29/2017 15:36:36      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5116.7  | 73753.  | 5291.1  | 94.034 | 3953.8 |
| Stddev    | 26.1    | 19.     | 75.3    | 1.164  | 10.5   |
| %RSD      | .50989  | .02627  | 1.4223  | 1.2375 | .26621 |
| #1        | 5098.2  | 73739.  | 5344.3  | 93.211 | 3946.4 |
| #2        | 5135.1  | 73766.  | 5237.9  | 94.857 | 3961.3 |

Sample Name: I4997-01      Acquired: 8/29/2017 15:40:41      Type: Unk  
Method: P4-ICP2(v1696)      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    | .03815 | .00325 | 1.1227 | .03607 | .00231 | 36.006 | .79177 | .00520 | .00001 |
| Stddev | .00114 | .00181 | .0016  | .00085 | .00202 | 2.472  | .00023 | .00025 | .00026 |
| %RSD   | 2.9878 | 55.836 | .14177 | 2.3696 | 87.268 | 2.5752 | .02862 | 4.7654 | 2214.2 |

|    |        |        |        |        |        |        |        |        |         |
|----|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| #1 | .03896 | .00197 | 1.1216 | .03546 | .00088 | 94.258 | .79161 | .00502 | -.00017 |
| #2 | .03734 | .00453 | 1.1238 | .03667 | .00374 | 97.754 | .79193 | .00537 | .00020  |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 41.429 | .22447 | .08961 | .42759 | 174.07 | 4.6793 | 28.521 | .28967 | .01076 |
| Stddev | .154   | .00364 | .00067 | .00100 | 2.03   | .1096  | .286   | .00103 | .00067 |
| %RSD   | .37111 | 1.6214 | .74263 | .23278 | 1.1636 | 2.3414 | 1.0013 | .35640 | 6.2177 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 41.538 | .22190 | .08914 | .42688 | 175.50 | 4.6018 | 28.723 | .28894 | .01123 |
| #2 | 41.321 | .22704 | .09008 | .42829 | 172.63 | 4.7567 | 28.319 | .29040 | .01029 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4584 | .19272 | .55857 | 14.847 | .01382 | .17772 | 1.3530 | 7.1796 | .08699 |
| Stddev | .0010  | .00332 | .00984 | .007   | .00012 | .00237 | .0009  | .0659  | .00095 |
| %RSD   | .07225 | 1.7241 | 1.7621 | .04444 | .85209 | 1.3352 | .06978 | .91765 | 1.0864 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.4592 | .19037 | .56553 | 14.851 | .01374 | .17940 | 1.3537 | 7.2262 | .08632 |
| #2 | 1.4577 | .19507 | .55161 | 14.842 | .01391 | .17604 | 1.3523 | 7.1330 | .08766 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.5425 | .10851 | 3.236  | 18632  |
| Stddev | .0054  | .00247 | .001   | .00071 |
| %RSD   | .34899 | 2.2792 | .0141  | .37973 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.5463 | .11026 | 8.235 | .18682 |
| #2 | 1.5387 | .10677 | 8.236 | .18582 |

Sample Name: I4997-01      Acquired: 8/29/2017 15:40:41      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5420.7  | 79077.  | 5654.1  | 93.690 | 3952.7 |
| Stddev    | 1.9     | 1285.   | 63.0    | 1.588  | 5.8    |
| %RSD      | .03568  | 1.6243  | 1.1151  | 1.6947 | .14586 |
| #1        | 5422.0  | 79985.  | 5609.5  | 92.567 | 3956.8 |
| #2        | 5419.3  | 78169.  | 5698.7  | 94.813 | 3948.7 |

Sample Name: I5007-01      Acquired: 8/29/2017 15:44:45      Type: Unk  
Method: P4-ICP2(v1696)      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    | .22502 | .00229 | .84427 | .12076 | .00922 | 165.34 | .49044 | .00626 | .00361 |
| Stddev | .00143 | .00095 | .00203 | .00733 | .00343 | .35    | .00114 | .00005 | .00097 |
| %RSD   | .63480 | 41.529 | .24030 | 6.0722 | 37.192 | .21333 | .23216 | .76159 | 26.877 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22401 | .00296 | .84283 | .11558 | .00680 | 165.59 | .49124 | .00629 | .00429 |
| #2 | .22603 | .00162 | .84570 | .12595 | .01164 | 165.09 | .48963 | .00623 | .00292 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.836 | .32847 | .10473 | .23210 | 561.21 | 2.2351 | 34.859 | .17791 | .02889 |
| Stddev | .108   | .00137 | .00093 | .00450 | 11.51  | .0026  | .144   | .00101 | .00122 |
| %RSD   | .16947 | .41802 | .89090 | 1.9378 | 2.0501 | .11584 | .41235 | .56678 | 4.2246 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 63.760 | .32944 | .10407 | .23528 | 553.08 | 2.2333 | 34.758 | .17719 | .02802 |
| #2 | 63.913 | .32750 | .10539 | .22892 | 569.35 | 2.2370 | 34.961 | .17862 | .02975 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3566 | .99325 | .56219 | 15.838 | .00327 | .58803 | 2.5308 | 3.7398 | .01670 |
| Stddev | .0020  | .00053 | .01162 | .022   | .00007 | .01875 | .0080  | .0191  | .00087 |
| %RSD   | .06030 | .05384 | 2.0677 | .13858 | 2.0496 | 3.1889 | .31743 | .51107 | 5.2093 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3552 | .99287 | .55398 | 15.823 | .00332 | .57477 | 2.5251 | 3.7263 | .01609 |
| #2 | 3.3580 | .99362 | .57041 | 15.854 | .00322 | .60129 | 2.5365 | 3.7533 | .01732 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.2675 | .10847 | 7.088  | 18177  |
| Stddev | .0087  | .00064 | .019   | .00048 |
| %RSD   | .68930 | .59181 | .2693  | .26564 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.2613 | .10801 | 7.074 | .18211 |
| #2 | 1.2737 | .10892 | 7.101 | .18143 |

Sample Name: I5007-01      Acquired: 8/29/2017 15:44:45      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5340.4  | 77548.  | 5667.2  | 39.073 | 3627.6 |
| Stddev    | 5.0     | 47.     | 5.2     | 1.686  | 2.3    |
| %RSD      | .09330  | .06093  | .09221  | 1.8933 | .06251 |
| #1        | 5336.9  | 77581.  | 5670.9  | 90.266 | 3629.2 |
| #2        | 5343.9  | 77514.  | 5663.5  | 87.881 | 3626.0 |

Sample Name: I5008-01      Acquired: 8/29/2017 15:48:46      Type: Unk  
Method: P4-ICP2(v1696)      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    | .08543 | .01442 | 1.4426 | .11094 | .07223 | 245.15 | 1.7205 | .01338 | .00690 |
| Stddev | .00475 | .00143 | .0062  | .00082 | .00062 | .78    | .0045  | .00026 | .00174 |
| %RSD   | 5.5611 | 9.9052 | .43232 | .73534 | .85315 | .31822 | .26076 | 1.9579 | 25.132 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08207 | .01341 | 1.4382 | .11036 | .07179 | 244.60 | 1.7173 | .01356 | .00813 |
| #2 | .08878 | .01542 | 1.4470 | .11151 | .07266 | 245.70 | 1.7237 | .01319 | .00568 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 59.659 | .34044 | .29296 | .46271 | 509.76 | 12.223 | 94.341 | .49626 | .02980 |
| Stddev | .062   | .00009 | .00021 | .00646 | 17.50  | .057   | .117   | .00059 | .00208 |
| %RSD   | .10451 | .02563 | .07025 | 1.3955 | 3.4329 | .46500 | .12436 | .11974 | 6.9695 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 59.615 | .34038 | .29282 | .46727 | 497.39 | 12.263 | 94.258 | .49668 | .02834 |
| #2 | 59.703 | .34050 | .29311 | .45814 | 522.13 | 12.183 | 94.424 | .49584 | .03127 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.4965 | .50449 | 1.6469 | 24.829 | .00302 | .57921 | 4.5731 | 3.3623 | .02976 |
| Stddev | .0181  | .00128 | .0503  | .001   | .00012 | .03252 | .0117  | .0295  | .00022 |
| %RSD   | .21319 | .25324 | 3.0563 | .00258 | 3.9568 | 5.6154 | .25677 | .87650 | .72351 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 8.4837 | .50359 | 1.6113 | 24.829 | .00294 | .55621 | 4.5648 | 3.3831 | .02961 |
| #2 | 8.5093 | .50539 | 1.6825 | 24.828 | .00311 | .60221 | 4.5814 | 3.3414 | .02992 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4989 | .65388 | 3.458  | 35699  |
| Stddev | .0110  | .00183 | .023   | .00040 |
| %RSD   | .43889 | .28049 | .2755  | .11233 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.4911 | .65258 | 8.442 | .35671 |
| #2 | 2.5066 | .65518 | 8.475 | .35727 |

Sample Name: I5008-01      Acquired: 8/29/2017 15:48:46      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5607.2  | 32077.  | 3026.3  | 37.803 | 3563.7 |
| Stddev    | 9.7     | 134.    | 16.2    | 2.593  | 2.8    |
| %RSD      | .17368  | .16271  | .26803  | 2.9536 | .07964 |
| #1        | 5600.3  | 81983.  | 6014.9  | 89.637 | 3561.7 |
| #2        | 5614.1  | 82172.  | 6037.7  | 85.969 | 3565.7 |

Sample Name: I5008-04      Acquired: 8/29/2017 15:52:54      Type: Unk  
Method: P4-ICP2(v1696)      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    | .07594 | .01278 | 1.4080 | .09543 | .53314 | 202.13 | 1.8626 | .01145 | .00680 |
| Stddev | .00064 | .00166 | .0018  | .00092 | .00422 | .28    | .0037  | .00010 | .00041 |
| %RSD   | .84822 | 12.982 | .13044 | .95956 | .79211 | .14083 | .20058 | .84769 | 6.0145 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07640 | .01395 | 1.4093 | .09608 | .53015 | 201.93 | 1.8600 | .01138 | .00651 |
| #2 | .07549 | .01161 | 1.4067 | .09478 | .53612 | 202.33 | 1.8652 | .01152 | .00708 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 70.005 | .30606 | .27032 | .41217 | 464.91 | 11.887 | 32.537 | .45324 | .02518 |
| Stddev | .011   | .00129 | .00093 | .00437 | 1.72   | .080   | .010   | .00165 | .00004 |
| %RSD   | .01515 | .42090 | .34239 | 1.0601 | .37021 | .67510 | .01210 | .36330 | .14245 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 70.013 | .30697 | .27098 | .40908 | 466.13 | 11.830 | 82.530 | .45440 | .02520 |
| #2 | 69.998 | .30515 | .26967 | .41526 | 463.70 | 11.943 | 82.544 | .45207 | .02515 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.3924 | .42690 | 1.4082 | 22.314 | .00549 | .58503 | 6.6513 | 6.1252 | .04712 |
| Stddev | .0124  | .00083 | .0002  | .064   | .00007 | .01000 | .0100  | .0516  | .00003 |
| %RSD   | .13154 | .19516 | .01324 | .28887 | 1.1976 | 1.7101 | .15094 | .84271 | .05905 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.4011 | .42631 | 1.4081 | 22.268 | .00553 | .59210 | 6.6442 | 6.1617 | .04714 |
| #2 | 9.3836 | .42749 | 1.4084 | 22.359 | .00544 | .57795 | 6.6584 | 6.0887 | .04710 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8239 | .51324 | 3.305  | 37122  |
| Stddev | .0037  | .00180 | .012   | .00084 |
| %RSD   | .13137 | .35165 | .1428  | .22622 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.8265 | .51196 | 8.297 | .37063 |
| #2 | 2.8212 | .51451 | 8.313 | .37181 |

Sample Name: I5008-04      Acquired: 8/29/2017 15:52:54      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5644.5  | 33947.  | 3174.7  | 90.214 | 3599.8 |
| Stddev    | 20.8    | 42.     | 9.0     | .209   | 9.3    |
| %RSD      | .36912  | .04981  | .14511  | .23123 | .25844 |
| #1        | 5659.2  | 83918.  | 6181.1  | 90.066 | 3593.2 |
| #2        | 5629.7  | 83977.  | 6168.4  | 90.361 | 3606.4 |

Sample Name: I5008-04DUP      Acquired: 8/29/2017 15:57:01      Type: Unk  
Method: P4-ICP2(v1696)      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    | .07526 | .01412 | 1.4067 | .09574 | .54269 | 204.80 | 1.8603 | .01188 | .00723 |
| Stddev | .00079 | .00038 | .0026  | .00138 | .00376 | .27    | .0026  | .00003 | .00017 |
| %RSD   | 1.0451 | 2.6702 | .18607 | 1.4394 | .69295 | .13326 | .13948 | .25795 | 2.3814 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07470 | .01385 | 1.4085 | .09672 | .54003 | 204.99 | 1.8621 | .01186 | .00735 |
| #2 | .07582 | .01438 | 1.4048 | .09477 | .54535 | 204.60 | 1.8585 | .01190 | .00710 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 39.811 | .31051 | .27023 | .42022 | 463.04 | 11.886 | 32.923 | .45269 | .02436 |
| Stddev | .049   | .00139 | .00021 | .00226 | 2.65   | .049   | .291   | .00053 | .00049 |
| %RSD   | .07087 | .44872 | .07921 | .53899 | .57323 | .41499 | .35077 | .11704 | 1.9939 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 69.846 | .30952 | .27008 | .41862 | 464.91 | 11.921 | 83.129 | .45307 | .02470 |
| #2 | 69.776 | .31149 | .27038 | .42183 | 461.16 | 11.851 | 82.717 | .45232 | .02402 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3856 | .42994 | 1.4013 | 22.142 | .00553 | .58083 | 3.7066 | 3.0619 | .04667 |
| Stddev | .0330  | .00011 | .0033  | .055   | .00013 | .00439 | .0046  | .0800  | .00105 |
| %RSD   | .35161 | .02673 | .23440 | .24925 | 2.3886 | .75537 | .06899 | 1.3195 | 2.2416 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.4089 | .42985 | 1.4036 | 22.181 | .00563 | .58393 | 6.7099 | 6.0054 | .04741 |
| #2 | 9.3622 | .43002 | 1.3990 | 22.103 | .00544 | .57773 | 6.7033 | 6.1185 | .04593 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.8225 | .51212 | 3.376  | 37025  |
| Stddev | .0077  | .00012 | .040   | .00139 |
| %RSD   | .27276 | .02246 | .4724  | .37546 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.8280 | .51204 | 8.404 | .37124 |
| #2 | 2.8171 | .51220 | 8.348 | .36927 |

Sample Name: I5008-04DUP      Acquired: 8/29/2017 15:57:01      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 5592.7  | 32702.  | 3217.7  | 91.384 | 3602.6 |
| Stddev    | 5.8     | 339.    | 23.8    | .633   | 17.9   |
| %RSD      | .10350  | .41037  | .38207  | .69231 | .49805 |
| #1        | 5588.6  | 82462.  | 6200.9  | 90.936 | 3590.0 |
| #2        | 5596.8  | 82942.  | 6234.5  | 91.831 | 3615.3 |

Sample Name: I5008-04LX5      Acquired: 8/29/2017 16:01:07      Type: Unk  
Method: P4-ICP2(v1696)      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    | .01791 | .00342 | .26618 | .01707 | .12734 | 46.966 | .43436 | .00286 |
| Stddev | .00052 | .00005 | .00039 | .00018 | .00160 | .234   | .00096 | .00017 |
| %RSD   | 2.9095 | 1.4943 | .14819 | 1.0467 | 1.2552 | .49782 | .22038 | 5.8361 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01828 | .00346 | .26590 | .01719 | .12847 | 47.131 | .43504 | .00275 |
| #2 | .01755 | .00339 | .26646 | .01694 | .12621 | 46.800 | .43369 | .00298 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00062 | 16.732 | .07478 | .05141 | .11057 | 95.712 | 3.0699 | 19.823 |
| Stddev | .00008 | .036   | .00003 | .00001 | .00037 | .836   | .0015  | .109   |
| %RSD   | 12.838 | .21416 | .04345 | .01712 | .33409 | .87327 | .04925 | .54810 |

|    |         |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|
| #1 | -.00068 | 16.757 | .07480 | .05141 | .11031 | 96.303 | 3.0710 | 19.900 |
| #2 | -.00057 | 16.707 | .07475 | .05142 | .11083 | 95.121 | 3.0689 | 19.746 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08594 | .00446 | 2.1661 | .10154 | .29596 | 5.1456 | .00113 | .11155 |
| Stddev | .00012 | .00012 | .0033  | .00010 | .00215 | .0054  | .00005 | .00574 |
| %RSD   | .13416 | 2.6238 | .15043 | .09442 | .72628 | .10550 | 4.5664 | 5.1417 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .08585 | .00438 | 2.1638 | .10147 | .29748 | 5.1418 | .00109 | .11561 |
| #2 | .08602 | .00455 | 2.1684 | .10161 | .29444 | 5.1495 | .00116 | .10750 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | 1.2814 | 1.3847 | .00896 | .66241 | .11679 | 1.629  | .08672 |  |
| Stddev | .0015  | .0478  | .00063 | .00208 | .00086 | .003   | .00058 |  |
| %RSD   | .11981 | 3.4493 | 7.0679 | .31391 | .73824 | .1655  | .67390 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | 1.2803 | 1.3509 | .00851 | .66094 | .11618 | 1.627 | .08713 |  |
| #2 | 1.2825 | 1.4184 | .00941 | .66388 | .11740 | 1.631 | .08631 |  |

Sample Name: I5008-04LX5      Acquired: 8/29/2017 16:01:07      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4963.4  | 71314.  | 5293.5  | 91.845 | 4001.0 |
| Stddev    | 10.2    | 245.    | 12.0    | .547   | .8     |
| %RSD      | .20568  | .34370  | .22582  | .59581 | .01944 |
| #1        | 4956.2  | 71141.  | 5301.9  | 91.458 | 4001.5 |
| #2        | 4970.7  | 71488.  | 5285.0  | 92.232 | 4000.4 |

Sample Name: CCV04      Acquired: 8/29/2017 16:05:09      Type: Unk  
Method: P4-ICP2(v1696)      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    | 4.8387 | 4.7010 | 4.6710 | 4.8462 | 4.8281 | 3.7562 | 3.7000 | 2.4328 | 2.3555 |
| Stddev | .0120  | .0094  | .0136  | .0066  | .0209  | .1048  | .0505  | .00296 | .0048  |
| %RSD   | .24762 | .19960 | .29153 | .13532 | .43339 | 1.0739 | .52066 | 1.2150 | .20451 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.8302 | 4.6943 | 4.6614 | 4.8416 | 4.8133 | 9.8303 | 9.7357 | .24537 | 2.3521 |
| #2 | 4.8471 | 4.7076 | 4.6807 | 4.8509 | 4.8429 | 9.6822 | 9.6643 | .24119 | 2.3589 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.230 | .96866 | 2.3619 | 1.2070 | 4.7304 | 2.4496 | 24.230 | 2.3514 | 1.1991 |
| Stddev | .175   | .00626 | .0062  | .0045  | .0439  | .0255  | .065   | .0044  | .0085  |
| %RSD   | .72290 | .64602 | .26099 | .37648 | .92805 | 1.0394 | .26847 | .18842 | .71051 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.354 | .97308 | 2.3576 | 1.2038 | 4.6993 | 2.4676 | 24.276 | 2.3483 | 1.2052 |
| #2 | 24.106 | .96423 | 2.3663 | 1.2102 | 4.7614 | 2.4315 | 24.184 | 2.3546 | 1.1931 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.246 | 2.4083 | 2.3719 | 24.221 | 4.8373 | 4.8569 | 4.6790 | 4.9956 | 4.7132 |
| Stddev | .184   | .0201  | .0226  | .168   | .0140  | .0153  | .0089  | .0564  | .0142  |
| %RSD   | .75798 | .83395 | .95351 | .69264 | .29012 | .31556 | .19007 | 1.1285 | .30109 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.376 | 2.4225 | 2.3559 | 24.340 | 4.8273 | 4.8677 | 4.6727 | 5.0354 | 4.7032 |
| #2 | 24.116 | 2.3941 | 2.3879 | 24.103 | 4.8472 | 4.8461 | 4.6853 | 4.9557 | 4.7233 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.8477 | 4.8476 | 4.801  | 4.7244 |
| Stddev | .0265  | .0446  | .017   | .1183  |
| %RSD   | .54625 | .92072 | .3503  | 2.5048 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.8664 | 4.8792 | 4.790 | 4.6407 |
| #2 | 4.8290 | 4.8160 | 4.813 | 4.8081 |

Sample Name: CCV04      Acquired: 8/29/2017 16:05:09      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4738.5  | 57999.  | 4985.2  | 91.613 | 3909.7 |
| Stddev    | 8.7     | 773.    | 31.4    | .757   | 6.0    |
| %RSD      | .18334  | 1.1362  | .62959  | .82685 | .15227 |
| #1        | 4744.6  | 67453.  | 4963.0  | 92.148 | 3914.0 |
| #2        | 4732.3  | 68545.  | 5007.4  | 91.077 | 3905.5 |

Sample Name: CCB04      Acquired: 8/29/2017 16:09:11      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00026 | .00098 | F .01392 | .00219 | .00119 | .00876 | .00120 |
| Stddev | .00042 | .00116 | .00016   | .00027 | .00030 | .00152 | .00020 |
| %RSD   | 162.51 | 118.28 | 1.1270   | 12.488 | 25.506 | 17.377 | 16.448 |

|    |         |        |         |         |         |        |        |
|----|---------|--------|---------|---------|---------|--------|--------|
| #1 | -.00004 | .00016 | -.01381 | -.00200 | -.00098 | .00984 | .00106 |
| #2 | .00055  | .00180 | -.01404 | -.00239 | -.00141 | .00769 | .00134 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00006 | .00009 | .00903 | .00042 | .00003 | .00069 | F .03330 |
| Stddev | .00000 | .00002 | .00650 | .00012 | .00012 | .00020 | .00167   |
| %RSD   | 6.3884 | 22.784 | 71.962 | 28.614 | 398.37 | 28.672 | 5.0182   |

|    |        |        |         |        |         |        |        |
|----|--------|--------|---------|--------|---------|--------|--------|
| #1 | .00006 | .00008 | -.01362 | .00050 | .00006  | .00055 | .03212 |
| #2 | .00006 | .00011 | -.00443 | .00033 | -.00012 | .00083 | .03449 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00099 | .00421 | .00005 | .00027 | .02378 | .00010 | .00082 |
| Stddev | .00008 | .01545 | .00045 | .00075 | .01007 | .00008 | .00017 |
| %RSD   | 8.4575 | 367.07 | 926.69 | 275.45 | 42.342 | 83.502 | 21.066 |

|    |        |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|--------|--------|
| #1 | .00094 | .00672  | -.00037 | -.00026 | -.01666 | .00004 | .00094 |
| #2 | .00105 | -.01514 | .00027  | .00080  | -.03089 | .00016 | .00070 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00196 | .00320 | .00161 | .00192 | .00927 | .00135 | .00373 |
| Stddev | .01217 | .00072 | .00060 | .00296 | .00700 | .00038 | .00191 |
| %RSD   | 620.76 | 22.382 | 37.038 | 154.10 | 75.541 | 28.376 | 51.184 |

|    |         |        |        |         |        |        |        |
|----|---------|--------|--------|---------|--------|--------|--------|
| #1 | -.01057 | .00371 | .00119 | -.00017 | .01423 | .00162 | .00509 |
| #2 | .00664  | .00269 | .00203 | .00401  | .00432 | .00108 | .00238 |

Sample Name: CCB04      Acquired: 8/29/2017 16:09:11      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00075 | .0007  | .00012 |
| Stddev | .00077 | .0000  | .00015 |
| %RSD   | 103.08 | 1.086  | 131.96 |

|    |         |        |        |
|----|---------|--------|--------|
| #1 | -.00020 | -.0007 | .00022 |
| #2 | -.00130 | -.0007 | .00001 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4845.4  | 67260.  | 4923.5  | 93.800 | 4057.1 |
| Stddev    | 27.7    | 17.     | 36.9    | .399   | 1.4    |
| %RSD      | .57166  | .02464  | .75017  | .42489 | .03420 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4825.8 | 67272. | 4949.6 | 94.082 | 4056.1 |
| #2 | 4864.9 | 67249. | 4897.4 | 93.518 | 4058.0 |

Sample Name: I5008-04MS      Acquired: 8/29/2017 16:13:21      Type: Unk  
Method: P4-ICP2(v1696)      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    | .66710 | 1.9043 | 2.3894 | 1.3537 | .19215 | 231.51 | 2.1967 | .17380 | .19587 |
| Stddev | .00151 | .0038  | .0001  | .0030  | .00004 | .38    | .0088  | .00062 | .00118 |
| %RSD   | .22568 | .19944 | .00238 | .22324 | .02220 | .16354 | .40038 | .35458 | .60109 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66603 | 1.9070 | 2.3894 | 1.3559 | .19212 | 231.78 | 2.2030 | .17423 | .19504 |
| #2 | .66816 | 1.9016 | 2.3894 | 1.3516 | .19218 | 231.25 | 2.1905 | .17336 | .19670 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 33.151 | .62556 | .47521 | .71117 | 417.26 | 11.322 | 35.347 | .95958 | .08264 |
| Stddev | .262   | .00414 | .00078 | .00344 | 9.57   | .022   | .493   | .00046 | .00043 |
| %RSD   | .41415 | .66246 | .16350 | .48428 | 2.2936 | .19849 | .57772 | .04765 | .52268 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 63.335 | .62849 | .47576 | .70873 | 424.03 | 11.338 | 85.695 | .95926 | .08295 |
| #2 | 62.966 | .62263 | .47466 | .71360 | 410.50 | 11.307 | 84.998 | .95990 | .08234 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.905 | .67026 | 2.0557 | 32.983 | .27288 | .71928 | 5.7783 | 11.153 | .67768 |
| Stddev | .041   | .00273 | .0475  | .200   | .00000 | .00233 | .0088  | .191   | .00005 |
| %RSD   | .34235 | .40784 | 2.3128 | .60730 | .00006 | .32342 | .15187 | 1.7157 | .00783 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.933 | .67219 | 2.0893 | 33.124 | .27288 | .72093 | 5.7721 | 11.289 | .67764 |
| #2 | 11.876 | .66832 | 2.0221 | 32.841 | .27288 | .71764 | 5.7845 | 11.018 | .67771 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9450 | .72274 | 12.78  | 53744  |
| Stddev | .0164  | .00486 | .01    | .00234 |
| %RSD   | .55765 | .67265 | .0680  | .43610 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.9334 | .72618 | 12.77 | .53910 |
| #2 | 2.9566 | .71930 | 12.78 | .53579 |

Sample Name: I5008-04MS      Acquired: 8/29/2017 16:13:21      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5527.8  | 30942.  | 5925.9  | 39.991 | 3629.4 |
| Stddev    | 11.5    | 366.    | 38.9    | 2.115  | 1.6    |
| %RSD      | .20714  | .45179  | .65652  | 2.3503 | .04521 |
| #1        | 5519.7  | 80683.  | 5898.4  | 88.495 | 3628.2 |
| #2        | 5535.9  | 81200.  | 5953.4  | 91.486 | 3630.5 |

Sample Name: I5008-04MSD      Acquired: 8/29/2017 16:17:25      Type: Unk  
Method: P4-ICP2(v1696)      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    | .66989 | 1.9031 | 2.3935 | 1.3518 | .19322 | 230.34 | 2.1951 | .17385 | .19598 |
| Stddev | .00506 | .0034  | .0010  | .0068  | .00414 | .62    | .0049  | .00044 | .00040 |
| %RSD   | .75551 | .17669 | .04152 | .49999 | 2.1410 | .27122 | .22171 | .25524 | .20540 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .66631 | 1.9007 | 2.3942 | 1.3470 | .19030 | 229.90 | 2.1985 | .17354 | .19626 |
| #2 | .67346 | 1.9055 | 2.3928 | 1.3565 | .19615 | 230.78 | 2.1916 | .17416 | .19569 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 32.966 | .62695 | .47625 | .71549 | 415.76 | 11.290 | 35.553 | .95904 | .08241 |
| Stddev | .077   | .00174 | .00028 | .00093 | 2.31   | .069   | .038   | .00071 | .00039 |
| %RSD   | .12273 | .27762 | .05885 | .12959 | .55517 | .60901 | .04415 | .07388 | .47593 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 63.020 | .62572 | .47605 | .71614 | 414.13 | 11.242 | 85.526 | .95954 | .08213 |
| #2 | 62.911 | .62818 | .47644 | .71483 | 417.39 | 11.339 | 85.580 | .95854 | .08269 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 11.884 | .67093 | 2.0373 | 32.853 | .27277 | .71733 | 5.7582 | 11.122 | .67809 |
| Stddev | .023   | .00293 | .0178  | .079   | .00065 | .00974 | .0044  | .048   | .00207 |
| %RSD   | .19086 | .43632 | .87212 | .23983 | .23881 | 1.3583 | .07574 | .43088 | .30591 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 11.900 | .67300 | 2.0247 | 32.909 | .27231 | .72421 | 5.7551 | 11.156 | .67956 |
| #2 | 11.868 | .66886 | 2.0498 | 32.797 | .27323 | .71044 | 5.7613 | 11.088 | .67663 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9205 | .71889 | 12.75  | 53826  |
| Stddev | .0118  | .00000 | .03    | .00225 |
| %RSD   | .40285 | .00014 | .2482  | .41841 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.9288 | .71889 | 12.73 | .53985 |
| #2 | 2.9122 | .71889 | 12.77 | .53667 |

Sample Name: I5008-04MSD      Acquired: 8/29/2017 16:17:25      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5528.0  | 31431.  | 5968.1  | 90.954 | 3636.8 |
| Stddev    | 4.7     | 307.    | 1.3     | .713   | 1.8    |
| %RSD      | .08425  | .37716  | .02099  | .78360 | .04852 |
| #1        | 5531.3  | 81648.  | 5969.0  | 91.458 | 3635.6 |
| #2        | 5524.7  | 81214.  | 5967.2  | 90.450 | 3638.1 |

Sample Name: I5008-04A      Acquired: 8/29/2017 16:21:28      Type: Unk  
Method: P4-ICP2(v1696)      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    | .76291 | 2.1394 | 2.4256 | 1.7130 | 1.2749 | 200.01 | 2.0511 | .18641 | .21595 |
| Stddev | .00054 | .0025  | .0046  | .0000  | .0024  | .18    | .0022  | .00019 | .00113 |
| %RSD   | .07015 | .11858 | .19052 | .00074 | .18487 | .09016 | .10730 | .10418 | .52317 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .76328 | 2.1412 | 2.4223 | 1.7130 | 1.2732 | 199.89 | 2.0527 | .18627 | .21675 |
| #2 | .76253 | 2.1376 | 2.4288 | 1.7130 | 1.2766 | 200.14 | 2.0496 | .18654 | .21515 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 70.689 | .64510 | .48661 | .67079 | 467.37 | 11.797 | 34.471 | .98643 | .09164 |
| Stddev | .059   | .00341 | .00033 | .00245 | 7.06   | .014   | .122   | .00090 | .00034 |
| %RSD   | .08276 | .52810 | .06725 | .36499 | 1.5103 | .11642 | .14393 | .09119 | .37526 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 70.730 | .64269 | .48638 | .67252 | 462.37 | 11.787 | 84.385 | .98707 | .09140 |
| #2 | 70.647 | .64750 | .48684 | .66906 | 472.36 | 11.806 | 84.557 | .98579 | .09189 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 12.055 | .68211 | 1.6177 | 30.802 | .36550 | .85339 | 3.4172 | 3.0689 | .80645 |
| Stddev | .052   | .00057 | .0260  | .059   | .00056 | .00894 | .0066  | .1387  | .00008 |
| %RSD   | .42920 | .08373 | 1.6075 | .19270 | .15296 | 1.0473 | .10277 | 2.2845 | .01014 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.091 | .68171 | 1.5993 | 30.844 | .36590 | .84707 | 6.4218 | 5.9709 | .80651 |
| #2 | 12.018 | .68251 | 1.6360 | 30.760 | .36511 | .85971 | 6.4125 | 6.1670 | .80639 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.9344 | .69344 | 14.05  | .54669 |
| Stddev | .0126  | .00046 | .01    | .00012 |
| %RSD   | .42961 | .06652 | .0880  | .02133 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.9255 | .69312 | 14.06 | .54677 |
| #2 | 2.9434 | .69377 | 14.04 | .54661 |

Sample Name: I5008-04A      Acquired: 8/29/2017 16:21:28      Type: Unk  
Method: P4-ICP2(v1696)      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       | 5581.9  | 33263.  | 3129.8  | 39.056 | 3621.2 |
| Stddev    | 11.7    | 11.     | 3.4     | 1.198  | 11.2   |
| %RSD      | .21007  | .01374  | .05559  | 1.3447 | .30812 |
| #1        | 5573.6  | 83271.  | 6127.4  | 89.903 | 3613.4 |
| #2        | 5590.2  | 83255.  | 6132.2  | 88.209 | 3629.1 |

Sample Name: PB101920BL      Acquired: 8/29/2017 16:25:30      Type: Unk  
Method: P4-ICP2(v1696)      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 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00115 | .00100 | F .01201 | .00124 | .00077 | .00002 | .00111 |
| Stddev | .00037 | .00062 | .00198   | .00040 | .00070 | .00863 | .00048 |
| %RSD   | 32.505 | 61.680 | 16.497   | 32.578 | 91.123 | 48415. | 43.559 |

|    |        |        |         |         |        |         |        |
|----|--------|--------|---------|---------|--------|---------|--------|
| #1 | .00089 | .00144 | -.01061 | -.00096 | .00027 | -.00612 | .00146 |
| #2 | .00142 | .00056 | -.01341 | -.00153 | .00126 | .00608  | .00077 |

|        |        |        |        |        |        |        |          |
|--------|--------|--------|--------|--------|--------|--------|----------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404   |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm      |
| Avg    | .00000 | .00010 | .02179 | .00029 | .00007 | .00129 | F .06246 |
| Stddev | .00002 | .00002 | .00164 | .00007 | .00010 | .00011 | .00690   |
| %RSD   | 894.17 | 20.704 | 7.5289 | 25.049 | 135.75 | 8.3713 | 11.046   |

|    |         |        |         |        |        |        |        |
|----|---------|--------|---------|--------|--------|--------|--------|
| #1 | -.00001 | .00008 | -.02295 | .00035 | .00014 | .00136 | .06734 |
| #2 | .00002  | .00011 | -.02063 | .00024 | .00000 | .00121 | .05758 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00165 | .00589 | .00006 | .00022 | .02135 | .00008 | .00160 |
| Stddev | .00002 | .05272 | .00007 | .00015 | .01020 | .00027 | .00026 |
| %RSD   | .98459 | 895.07 | 112.76 | 67.747 | 47.785 | 323.32 | 16.023 |

|    |        |         |        |        |         |         |        |
|----|--------|---------|--------|--------|---------|---------|--------|
| #1 | .00166 | .03139  | .00011 | .00012 | -.01413 | -.00027 | .00178 |
| #2 | .00164 | -.04316 | .00001 | .00033 | -.02856 | .00011  | .00142 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01423 | .00005 | .00175 | .00328 | .00087 | .00006 | .00112 |
| Stddev | .02538 | .00022 | .00471 | .00411 | .00503 | .00030 | .00107 |
| %RSD   | 178.45 | 470.91 | 269.03 | 125.42 | 580.08 | 522.33 | 95.406 |

|    |         |         |         |        |         |         |        |
|----|---------|---------|---------|--------|---------|---------|--------|
| #1 | .03217  | .00020  | .00158  | .00618 | -.00442 | .00016  | .00037 |
| #2 | -.00372 | -.00011 | -.00508 | .00037 | .00269  | -.00027 | .00188 |

Sample Name: PB101920BL      Acquired: 8/29/2017 16:25:30      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00050 | .0001  | .00002 |
| Stddev | .00051 | .0003  | .00000 |
| %RSD   | 101.15 | 354.1  | 7.5171 |

|    |         |        |        |
|----|---------|--------|--------|
| #1 | -.00086 | .0003  | .00002 |
| #2 | -.00014 | -.0001 | .00002 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4805.2  | 38301.  | 4981.0  | 92.948 | 4050.7 |
| Stddev    | 27.8    | 18.     | 40.5    | 2.388  | 23.5   |
| %RSD      | .57883  | .02578  | .81344  | 2.5693 | .58069 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4785.6 | 68289. | 4952.3 | 91.259 | 4034.1 |
| #2 | 4824.9 | 68313. | 5009.6 | 94.636 | 4067.3 |

Sample Name: PB101920BS      Acquired: 8/29/2017 16:29:42      Type: Unk  
Method: P4-ICP2(v1696)      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 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .74234 | 1.8593 | .90725 | 1.6464 | .73056 | 2.0066 | .21300 | .19134 |
| Stddev | .00356 | .0004  | .00378 | .0063  | .00095 | .0195  | .00126 | .00079 |
| %RSD   | .47911 | .02404 | .41669 | .38425 | .12985 | .97009 | .59075 | .41352 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .73982 | 1.8590 | .90457 | 1.6419 | .72989 | 2.0204 | .21211 | .19190 |
| #2 | .74485 | 1.8596 | .90992 | 1.6509 | .73123 | 1.9928 | .21389 | .19078 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .18957 | 1.1395 | .41671 | .19971 | .31451 | 3.0543 | .21138 | 2.1178 |
| Stddev | .00025 | .0230  | .00121 | .00005 | .00003 | .0051  | .00046 | .0254  |
| %RSD   | .13210 | 2.0206 | .28929 | .02411 | .00805 | .16747 | .21575 | 1.2003 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .18939 | 1.1558 | .41585 | .19974 | .31453 | 3.0580 | .21170 | 2.0998 |
| #2 | .18975 | 1.1233 | .41756 | .19967 | .31450 | 3.0507 | .21106 | 2.1357 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .49405 | .07021 | 3.1578 | .30732 | .20171 | 10.275 | .40412 | .30327 |
| Stddev | .00150 | .00022 | .0087  | .00088 | .00167 | .035   | .00075 | .00354 |
| %RSD   | .30290 | .31838 | .27440 | .28787 | .82999 | .34330 | .18571 | 1.1669 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49299 | .07037 | 3.1517 | .30670 | .20053 | 10.250 | .40465 | .30577 |
| #2 | .49511 | .07005 | 3.1639 | .30795 | .20290 | 10.300 | .40359 | .30076 |

|        |          |        |        |        |        |        |        |  |
|--------|----------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820   | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm      | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | F .00555 | .84157 | .66246 | .20345 | .20643 | 5.068  | .20285 |  |
| Stddev | .00027   | .01327 | .00315 | .00100 | .00130 | .012   | .00049 |  |
| %RSD   | 4.9280   | 1.5764 | .47491 | .49044 | .63033 | .2415  | .24150 |  |

|    |        |        |        |        |        |       |        |  |
|----|--------|--------|--------|--------|--------|-------|--------|--|
| #1 | .00574 | .85095 | .66024 | .20275 | .20551 | 5.059 | .20320 |  |
| #2 | .00535 | .83219 | .66469 | .20416 | .20735 | 5.076 | .20250 |  |

Sample Name: PB101920BS      Acquired: 8/29/2017 16:29:42      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      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       | 4816.7  | 59016.  | 4943.3  | 32.677 | 4164.7 |
| Stddev    | 1.4     | 64.     | 37.0    | .546   | 3.8    |
| %RSD      | .02818  | .09263  | .74845  | .58889 | .09115 |
| #1        | 4815.7  | 68971.  | 4969.4  | 93.063 | 4162.0 |
| #2        | 4817.6  | 69061.  | 4917.1  | 92.291 | 4167.3 |

Sample Name: PB101920TB      Acquired: 8/29/2017 16:33:39      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB101920TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |          |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203   | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00330 | .00147 | F .01126 | .00263 | .00024 | .00039 | .00115 |
| Stddev | .00166 | .00140 | .00047   | .00038 | .00114 | .00100 | .00049 |
| %RSD   | 50.166 | 95.154 | 4.1991   | 14.614 | 468.45 | 256.20 | 42.472 |

|    |         |         |         |        |         |         |        |
|----|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00447 | -.00246 | -.01093 | .00290 | -.00056 | .00110  | .00080 |
| #2 | -.00213 | -.00048 | -.01159 | .00236 | .00105  | -.00032 | .00149 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | .00000 | .00640 | .00176 | .00056 | .00084 | .02539 |
| Stddev | .00001 | .00004 | .00555 | .00017 | .00002 | .00022 | .00580 |
| %RSD   | 3.2374 | 1008.9 | 86.655 | 9.7470 | 2.8054 | 26.773 | 22.852 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00019 | .00003  | -.00248 | .00188 | -.00055 | .00068 | .02950 |
| #2 | -.00020 | -.00002 | -.01033 | .00163 | -.00057 | .00100 | .02129 |

|        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00083 | .01845 | .00092 | .00024 | F 327.97 | .00009 | .00128 |
| Stddev | .00001 | .03421 | .00015 | .00037 | 3.17     | .00006 | .00010 |
| %RSD   | 1.2673 | 185.43 | 16.398 | 153.35 | .96558   | 65.501 | 8.0601 |

|    |        |         |        |         |        |        |        |
|----|--------|---------|--------|---------|--------|--------|--------|
| #1 | .00083 | .04264  | .00102 | .00002  | 330.21 | .00005 | .00136 |
| #2 | .00084 | -.00574 | .00081 | -.00050 | 325.73 | .00013 | .00121 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05540 | .00006 | .00149 | .00887 | .01651 | .00105 | .00215 |
| Stddev | .00927 | .00005 | .00578 | .00088 | .00177 | .00004 | .00037 |
| %RSD   | 16.736 | 90.597 | 389.01 | 9.9148 | 10.739 | 4.1845 | 17.279 |

|    |        |        |         |        |        |        |        |
|----|--------|--------|---------|--------|--------|--------|--------|
| #1 | .06195 | .00002 | .00557  | .00949 | .01777 | .00102 | .00188 |
| #2 | .04884 | .00010 | -.00260 | .00825 | .01526 | .00108 | .00241 |

Sample Name: PB101920TB      Acquired: 8/29/2017 16:33:39      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB101920TB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00289 | .0010  | .00000 |
| Stddev | .00227 | .0001  | .00004 |
| %RSD   | 78.597 | 11.32  | 917.72 |

|    |        |       |         |
|----|--------|-------|---------|
| #1 | .00129 | .0011 | -.00003 |
| #2 | .00450 | .0010 | .00004  |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4730.0  | 59304.  | 4889.7  | 90.461 | 4031.2 |
| Stddev    | .1      | 153.    | 64.2    | 4.252  | 2.5    |
| %RSD      | .00216  | .22097  | 1.3139  | 4.7007 | .06106 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4730.0 | 69196. | 4844.3 | 87.455 | 4029.5 |
| #2 | 4729.9 | 69413. | 4935.1 | 93.468 | 4033.0 |

Sample Name: PB101921BL      Acquired: 8/29/2017 16:37:56      Type: Unk  
Method: P4-ICP2(v1696)      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 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00101 | .00015 | F .01276 | .00219 | .00109 | .00238 | .00147 |
| Stddev | .00083 | .00070 | .00023   | .00018 | .00035 | .00054 | .00038 |
| %RSD   | 82.219 | 451.61 | 1.7717   | 8.4605 | 31.863 | 22.858 | 25.935 |

|    |        |         |         |         |         |         |        |
|----|--------|---------|---------|---------|---------|---------|--------|
| #1 | .00042 | -.00034 | -.01292 | -.00206 | -.00133 | -.00276 | .00174 |
| #2 | .00160 | .00065  | -.01260 | -.00232 | -.00084 | -.00200 | .00120 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00004 | .00006 | .02133 | .00008 | .00002 | .00049 | .01278 |
| Stddev | .00005 | .00003 | .00334 | .00017 | .00006 | .00024 | .01470 |
| %RSD   | 124.23 | 45.756 | 15.654 | 228.09 | 302.21 | 47.790 | 115.00 |

|    |        |        |         |         |         |        |        |
|----|--------|--------|---------|---------|---------|--------|--------|
| #1 | .00007 | .00004 | -.02370 | .00005  | -.00006 | .00033 | .02318 |
| #2 | .00000 | .00008 | -.01897 | -.00020 | .00002  | .00066 | .00239 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00084 | .01496 | .00010 | .00066 | .03738 | .00019 | .00028 |
| Stddev | .00004 | .02612 | .00015 | .00021 | .00604 | .00029 | .00004 |
| %RSD   | 5.0174 | 174.58 | 144.21 | 31.554 | 16.170 | 149.13 | 13.770 |

|    |        |         |        |        |        |         |        |
|----|--------|---------|--------|--------|--------|---------|--------|
| #1 | .00087 | .03343  | .00021 | .00051 | .04165 | .00001  | .00031 |
| #2 | .00081 | -.00351 | .00000 | .00081 | .03310 | -.00040 | .00025 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .03105 | .00014 | .00282 | .00016 | .00466 | .00047 | .00245 |
| Stddev | .02349 | .00001 | .00478 | .00331 | .01331 | .00028 | .00009 |
| %RSD   | 75.643 | 5.3592 | 169.63 | 2014.9 | 285.59 | 59.571 | 3.7785 |

|    |        |        |         |         |         |         |        |
|----|--------|--------|---------|---------|---------|---------|--------|
| #1 | .04766 | .00014 | -.00056 | .00218  | -.01407 | -.00027 | .00239 |
| #2 | .01444 | .00013 | .00620  | -.00251 | .00475  | -.00067 | .00252 |

Sample Name: PB101921BL      Acquired: 8/29/2017 16:37:56      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PBW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00111 | .0005  | .00006 |
| Stddev | .00046 | .0004  | .00005 |
| %RSD   | 41.613 | 78.24  | 89.219 |

|    |         |        |        |
|----|---------|--------|--------|
| #1 | -.00078 | -.0002 | .00002 |
| #2 | -.00143 | -.0007 | .00010 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4815.3  | 38225.  | 4916.4  | 92.761 | 4049.1 |
| Stddev    | 14.4    | 92.     | 14.3    | 1.212  | 2.2    |
| %RSD      | .29889  | .13444  | .29137  | 1.3063 | .05421 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4805.1 | 68289. | 4906.3 | 91.905 | 4047.6 |
| #2 | 4825.5 | 68160. | 4926.6 | 93.618 | 4050.7 |

Sample Name: PB101921BS      Acquired: 8/29/2017 16:46:49      Type: Unk  
Method: P4-ICP2(v1696)      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    | .75652 | 1.9096 | .93700 | 1.6902   | .74127 | 2.0627 | .21816 |
| Stddev | .00045 | .0053  | .00074 | .0011    | .00111 | .0154  | .00144 |
| %RSD   | .05919 | .27730 | .07886 | .06598   | .15042 | .74667 | .66173 |
| #1     | .75621 | 1.9133 | .93752 | 1.6910   | .74205 | 2.0736 | .21918 |
| #2     | .75684 | 1.9058 | .93648 | 1.6894   | .74048 | 2.0518 | .21713 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19536 | .19516 | 1.0891 | .42320   | .20384 | .32180 | 3.0130 |
| Stddev | .00009 | .00032 | .0119  | .00117   | .00047 | .00045 | .1008  |
| %RSD   | .04589 | .16302 | 1.0965 | .27650   | .22884 | .13844 | 3.3455 |
| #1     | .19542 | .19539 | 1.0975 | .42237   | .20417 | .32212 | 2.9417 |
| #2     | .19530 | .19494 | 1.0806 | .42403   | .20351 | .32149 | 3.0843 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .21716 | 2.1220 | .50924 | .07108   | 3.2193 | .31499 | .19382 |
| Stddev | .00025 | .0154  | .00051 | .00069   | .0099  | .00017 | .00637 |
| %RSD   | .11717 | .72459 | .10008 | .97674   | .30830 | .05369 | 3.2843 |
| #1     | .21698 | 2.1329 | .50960 | .07059   | 3.2263 | .31511 | .18931 |
| #2     | .21734 | 2.1111 | .50888 | .07158   | 3.2123 | .31487 | .19832 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 10.587 | .40942 | .31687 | F .00125 | .85493 | .67652 | .20707 |
| Stddev | .030   | .00045 | .00112 | .00240   | .02259 | .00153 | .00077 |
| %RSD   | .27990 | .10881 | .35423 | 192.06   | 2.6427 | .22617 | .37426 |
| #1     | 10.566 | .40973 | .31608 | .00045   | .83895 | .67760 | .20762 |
| #2     | 10.608 | .40910 | .31766 | -.00295  | .87090 | .67544 | .20652 |

Sample Name: PB101921BS      Acquired: 8/29/2017 16:46:49      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: LCSW      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .21142 | 5.224  | .20706 |
| Stddev | .00097 | .006   | .00046 |
| %RSD   | .46111 | .1136  | .22088 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .21211 | 5.228 | .20739 |
| #2 | .21073 | 5.219 | .20674 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4828.1  | 58644.  | 4899.8  | 95.530 | 4137.6 |
| Stddev    | 6.7     | 346.    | 10.5    | 2.928  | 10.7   |
| %RSD      | .13964  | .50475  | .21371  | 3.0651 | .25836 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4823.4 | 68399. | 4892.4 | 97.601 | 4130.0 |
| #2 | 4832.9 | 68889. | 4907.2 | 93.460 | 4145.1 |

Sample Name: PB101921TB      Acquired: 8/29/2017 16:50:44      Type: Unk  
Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL/BINHE      Custom ID1: PB101921TB      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |          |        |        |        |        |
|--------|--------|--------|----------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203   | Se1960 | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00130 | .00323 | F .01006 | .00129 | .00149 | .00504 | .00106 |
| Stddev | .00122 | .00081 | .00206   | .00200 | .00100 | .01016 | .00028 |
| %RSD   | 93.963 | 24.955 | 20.511   | 154.82 | 67.300 | 201.79 | 26.620 |

|    |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00216 | -.00380 | -.01152 | -.00012 | .00078 | -.01222 | .00086 |
| #2 | -.00043 | -.00266 | -.00860 | .00270  | .00220 | .00215  | .00126 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00025 | .00007 | .00118 | .00056 | .00059 | .00027 | .01699 |
| Stddev | .00006 | .00004 | .00348 | .00009 | .00009 | .00008 | .00368 |
| %RSD   | 25.387 | 60.284 | 294.97 | 15.470 | 15.338 | 30.046 | 21.689 |

|    |         |         |         |        |         |        |        |
|----|---------|---------|---------|--------|---------|--------|--------|
| #1 | -.00030 | -.00004 | .00128  | .00062 | -.00053 | .00021 | .01438 |
| #2 | -.00021 | -.00010 | -.00364 | .00049 | -.00066 | .00033 | .01959 |

|        |        |        |        |        |          |        |        |
|--------|--------|--------|--------|--------|----------|--------|--------|
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280 | Na5895   | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    |
| Avg    | .00043 | .01283 | .00027 | .00014 | F 334.04 | .00003 | .00047 |
| Stddev | .00006 | .00838 | .00001 | .00002 | .64      | .00036 | .00005 |
| %RSD   | 14.982 | 65.359 | 3.8158 | 11.651 | .19158   | 1316.5 | 9.9777 |

|    |        |        |        |        |        |         |        |
|----|--------|--------|--------|--------|--------|---------|--------|
| #1 | .00047 | .01875 | .00027 | .00015 | 333.59 | .00029  | .00050 |
| #2 | .00038 | .00690 | .00028 | .00013 | 334.49 | -.00023 | .00043 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820 | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .05565 | .00016 | .00766 | .00458 | .01217 | .00076 | .00369 |
| Stddev | .04620 | .00016 | .00086 | .00354 | .01410 | .00026 | .00300 |
| %RSD   | 83.034 | 100.25 | 11.269 | 77.429 | 115.84 | 34.100 | 81.342 |

|    |        |         |        |        |        |        |        |
|----|--------|---------|--------|--------|--------|--------|--------|
| #1 | .02297 | -.00027 | .00828 | .00207 | .02214 | .00058 | .00581 |
| #2 | .08832 | -.00005 | .00705 | .00708 | .00220 | .00095 | .00157 |

Sample Name: PB101921TB      Acquired: 8/29/2017 16:50:44      Type: Unk  
 Method: P4-ICP2(v1696)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL/BINHE      Custom ID1: PB101921TB      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |        |
|--------|--------|--------|--------|
| Elem   | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    |
| Avg    | .00009 | .0006  | .00005 |
| Stddev | .00151 | .0000  | .00004 |
| %RSD   | 1634.8 | 4.101  | 84.935 |

|    |         |       |        |
|----|---------|-------|--------|
| #1 | .00098  | .0005 | .00008 |
| #2 | -.00116 | .0006 | .00002 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 4719.6  | 39371.  | 4952.8  | 92.716 | 3991.3 |
| Stddev    | 2.4     | 398.    | 3.4     | 3.352  | 1.6    |
| %RSD      | .05043  | .57359  | .06853  | 3.6157 | .03896 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 4717.9 | 69089. | 4950.4 | 90.345 | 3990.2 |
| #2 | 4721.2 | 69652. | 4955.2 | 95.086 | 3992.4 |

Sample Name: CCV05      Acquired: 8/29/2017 17:31:36      Type: Unk  
Method: P4-ICP2(v1696)      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    | 4.9325 | 4.8090 | 4.7861 | 4.9366 | 4.9269 | 9.8571 | 9.7656 | 2.4683 | 2.4035 |
| Stddev | .0218  | .0092  | .0141  | .0157  | .0088  | .0330  | .0091  | .00163 | .0046  |
| %RSD   | .44278 | .19045 | .29475 | .31890 | .17779 | .33519 | .09317 | .65904 | .19134 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9480 | 4.8155 | 4.7961 | 4.9478 | 4.9331 | 9.8804 | 9.7721 | 2.4798 | 2.4067 |
| #2 | 4.9171 | 4.8025 | 4.7761 | 4.9255 | 4.9207 | 9.8337 | 9.7592 | 2.4568 | 2.4002 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.630 | 98530  | 2.4080 | 1.2299 | 4.8967 | 2.4820 | 24.692 | 2.3995 | 1.2175 |
| Stddev | .018   | .00617 | .0031  | .0015  | .1653  | .0040  | .040   | .0032  | .0034  |
| %RSD   | .07175 | .62634 | .13010 | .12505 | 3.3755 | .16154 | .16275 | .13370 | .27588 |

|    |        |       |        |        |        |        |        |        |        |
|----|--------|-------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.642 | 98966 | 2.4102 | 1.2288 | 5.0136 | 2.4848 | 24.721 | 2.4018 | 1.2199 |
| #2 | 24.617 | 98093 | 2.4057 | 1.2310 | 4.7799 | 2.4792 | 24.664 | 2.3972 | 1.2151 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.579 | 2.4464 | 2.4601 | 24.582 | 4.9457 | 4.9652 | 4.7503 | 5.1366 | 4.8177 |
| Stddev | .105   | .0034  | .0779  | .104   | .0013  | .0115  | .0080  | .0768  | .0142  |
| %RSD   | .42618 | .13847 | 3.1660 | .42296 | .02549 | .23090 | .16830 | 1.4959 | .29412 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.653 | 2.4488 | 2.5152 | 24.656 | 4.9448 | 4.9734 | 4.7560 | 5.1909 | 4.8277 |
| #2 | 24.505 | 2.4440 | 2.4051 | 24.509 | 4.9466 | 4.9571 | 4.7447 | 5.0823 | 4.8077 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9159 | 4.9178 | 4.909  | 4.9210 |
| Stddev | .0061  | .0114  | .011   | .0194  |
| %RSD   | .12448 | .23235 | .2241  | .39415 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9115 | 4.9259 | 4.917 | 4.9073 |
| #2 | 4.9202 | 4.9097 | 4.902 | 4.9347 |

Sample Name: CCV05      Acquired: 8/29/2017 17:31:36      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4682.3  | 57155.  | 4893.4  | 39.073 | 3865.7 |
| Stddev    | 14.0    | 293.    | 13.8    | 2.910  | 14.5   |
| %RSD      | .29984  | .43566  | .28168  | 3.2673 | .37492 |
| #1        | 4672.4  | 66948.  | 4883.7  | 87.015 | 3855.5 |
| #2        | 4692.2  | 67362.  | 4903.2  | 91.131 | 3876.0 |

Sample Name: LLCCV02      Acquired: 8/29/2017 17:46:43      Type: Unk  
Method: P4-ICP2(v1696)      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    | .02039 | .03928 | .01049 | .01559 | .04885 | .10560 | .10284 | .00618 | .00596 |
| Stddev | .00004 | .00064 | .00114 | .00008 | .00173 | .00222 | .00122 | .00006 | .00007 |
| %RSD   | .22025 | 1.6312 | 10.859 | .50047 | 3.5322 | 2.0986 | 1.1873 | .91644 | 1.2475 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02042 | .03882 | .00968 | .01553 | .05007 | .10717 | .10370 | .00614 | .00601 |
| #2 | .02036 | .03973 | .01129 | .01564 | .04763 | .10404 | .10197 | .00622 | .00591 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9968 | .01069 | .02934 | .02274 | .11242 | .02143 | 2.0328 | .04004 | .00984 |
| Stddev | .0133  | .00011 | .00009 | .00021 | .01088 | .00004 | .0285  | .00013 | .00037 |
| %RSD   | .66533 | 1.0687 | .30452 | .94234 | 9.6817 | .18546 | 1.4037 | .32138 | 3.7549 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9874 | .01061 | .02940 | .02289 | .12012 | .02140 | 2.0529 | .04013 | .00958 |
| #2 | 2.0062 | .01077 | .02928 | .02259 | .10473 | .02146 | 2.0126 | .03995 | .01011 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0022 | .03985 | .04188 | 2.0079 | .20954 | .09983 | .01994 | .36459 | .03963 |
| Stddev | .0224  | .00018 | .00107 | .0117  | .00000 | .00304 | .00046 | .00589 | .00015 |
| %RSD   | 1.1199 | .45353 | 2.5479 | .58364 | .00133 | 3.0476 | 2.3150 | 1.6166 | .37865 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9863 | .03973 | .04264 | 1.9996 | .20954 | .09768 | .02027 | .36875 | .03953 |
| #2 | 2.0180 | .03998 | .04113 | 2.0162 | .20954 | .10198 | .01962 | .36042 | .03974 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04121 | .02196 | .0186  | .02197 |
| Stddev | .00003 | .00072 | .0005  | .00003 |
| %RSD   | .06123 | 3.2656 | 2.562  | .15667 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04120 | .02145 | .0183 | .02200 |
| #2 | .04123 | .02246 | .0190 | .02195 |

Sample Name: LLCCV02      Acquired: 8/29/2017 17:46:43      Type: Unk  
 Method: P4-ICP2(v1696)      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       | 4775.1  | 57616.  | 4925.2  | 92.407 | 4063.1 |
| Stddev    | 17.1    | 58.     | 36.8    | 2.536  | 7.8    |
| %RSD      | .35716  | .08552  | .74656  | 2.7443 | .19101 |
|           |         |         |         |        |        |
| #1        | 4763.0  | 67657.  | 4899.2  | 90.614 | 4057.6 |
| #2        | 4787.1  | 67575.  | 4951.2  | 94.200 | 4068.6 |

Sample Name: CCB05      Acquired: 8/29/2017 17:50:50      Type: Unk  
Method: P4-ICP2(v1696)      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    | .00045 | .00118 | F.00367 | .00009 | .00033 | .00406 | .00062 | .00004 |
| Stddev | .00099 | .00056 | .00054  | .00159 | .00067 | .00091 | .00068 | .00006 |
| %RSD   | 221.81 | 47.215 | 14.781  | 1716.5 | 203.11 | 22.449 | 109.49 | 131.23 |

|    |         |        |        |         |         |        |        |         |
|----|---------|--------|--------|---------|---------|--------|--------|---------|
| #1 | .00025  | .00079 | .00329 | -.00122 | .00081  | .00471 | .00110 | -.00008 |
| #2 | -.00115 | .00157 | .00405 | .00103  | -.00014 | .00342 | .00014 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00010 | .01432 | .00054 | .00002 | .00052 | .00053 | .00023 | .04806 |
| Stddev | .00003 | .00239 | .00010 | .00010 | .00018 | .01420 | .00001 | .01085 |
| %RSD   | 29.168 | 16.661 | 18.983 | 520.43 | 34.184 | 2660.4 | 3.1660 | 22.584 |

|    |        |         |        |         |        |         |        |        |
|----|--------|---------|--------|---------|--------|---------|--------|--------|
| #1 | .00008 | -.01263 | .00047 | -.00005 | .00039 | .01058  | .00022 | .04038 |
| #2 | .00012 | -.01600 | .00061 | .00009  | .00064 | -.00951 | .00023 | .05573 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .00018 | .00777 | .00001 | .00012 | .00819 | .00003 | .01284 |
| Stddev | .00024 | .00027 | .00042 | .00023 | .00000 | .00419 | .00010 | .00094 |
| %RSD   | 274.55 | 149.72 | 5.3758 | 2054.8 | .25917 | 51.088 | 408.34 | 7.3421 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00008 | -.00001 | -.00747 | -.00015 | -.00012 | .01115 | .00010  | -.01217 |
| #2 | .00026  | .00038  | -.00806 | .00017  | -.00012 | .00523 | -.00005 | -.01350 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00156 | .01248 | .00034 | .00203 | .00091 | .0007  | .00002 |  |
| Stddev | .00112 | .01747 | .00016 | .00069 | .00092 | .0004  | .00004 |  |
| %RSD   | 72.160 | 139.93 | 47.162 | 33.895 | 101.45 | 56.61  | 194.00 |  |

|    |         |        |         |        |         |        |         |  |
|----|---------|--------|---------|--------|---------|--------|---------|--|
| #1 | -.00235 | .00013 | -.00045 | .00154 | -.00156 | -.0010 | -.00005 |  |
| #2 | -.00076 | .02484 | -.00022 | .00252 | -.00026 | -.0004 | .00001  |  |

Sample Name: CCB05      Acquired: 8/29/2017 17:50:50      Type: Unk  
Method: P4-ICP2(v1696)      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       | 4770.3  | 57877.  | 4927.1  | 93.484 | 4016.8 |
| Stddev    | 7.3     | 119.    | 26.8    | .646   | 1.4    |
| %RSD      | .15366  | .17490  | .54379  | .69107 | .03467 |
| #1        | 4765.1  | 67961.  | 4908.2  | 93.027 | 4017.8 |
| #2        | 4775.5  | 67793.  | 4946.1  | 93.941 | 4015.8 |