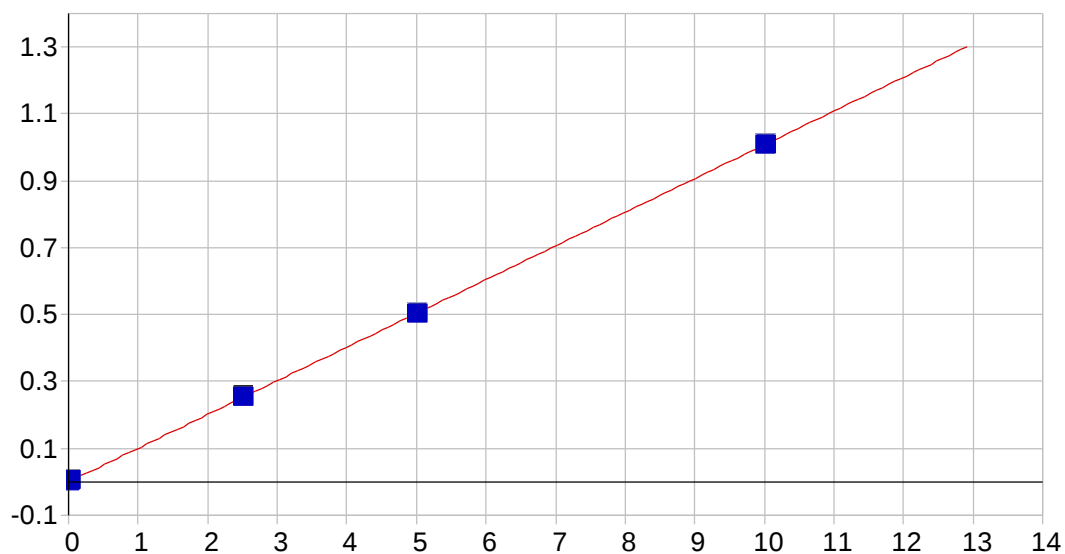




As 189.042 {478}

Date of Fit: 1/16/2017 05:44:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000304

Re-Slope: 1.000000

A1 (Gain): 0.100791

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999989

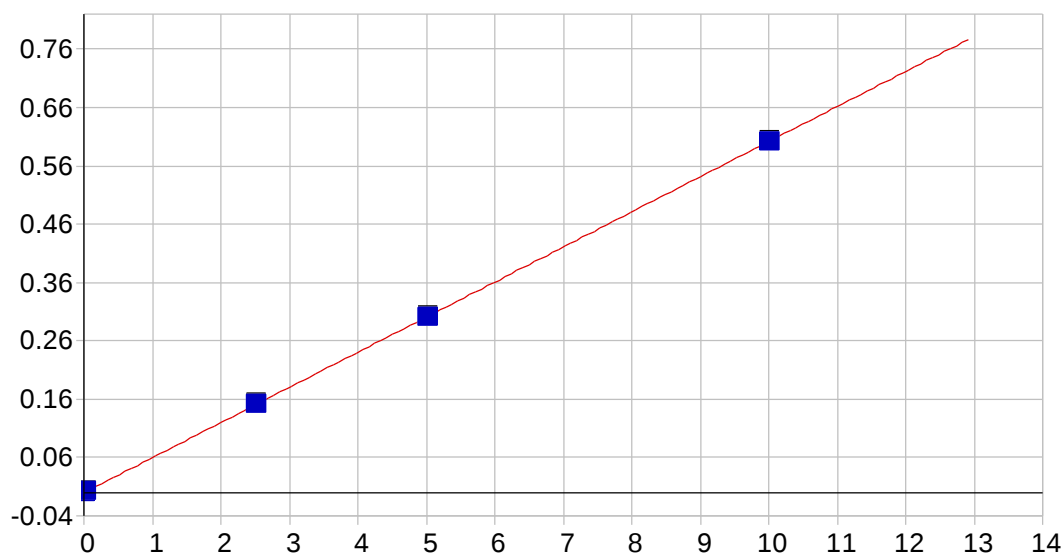
Status: OK.

Std Error of Est: 0.000012

Predicted MDL: 0.002514

Predicted MQL: 0.008381

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00030 | .000    | 1        |
| S1        | .02000       | .02208      | .002       | 10.4    | .00195  | .000    | 1        |
| S3        | 2.5000       | 2.5181      | .018       | .722    | .25384  | .001    | 1        |
| S4        | 5.0000       | 4.9843      | -.016      | -.315   | .50276  | .001    | 1        |
| S5        | 10.000       | 9.9956      | -.004      | -.044   | 1.0086  | .001    | 1        |

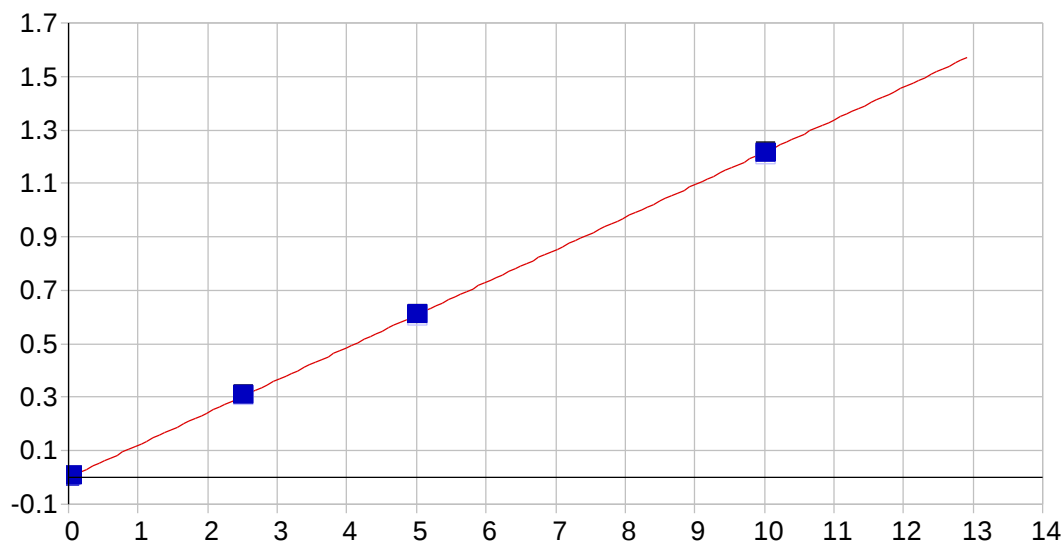


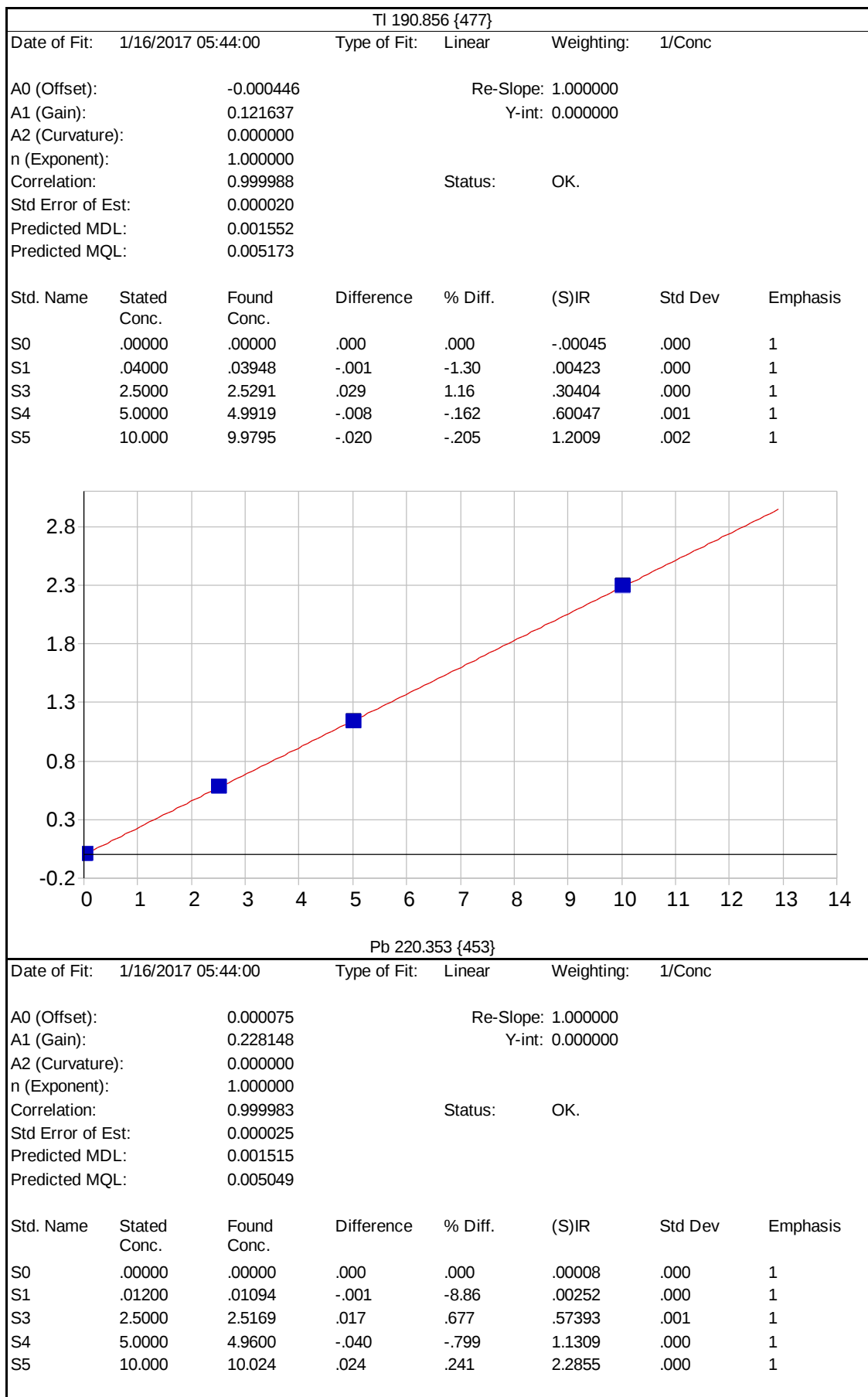
As 189.042 {479}

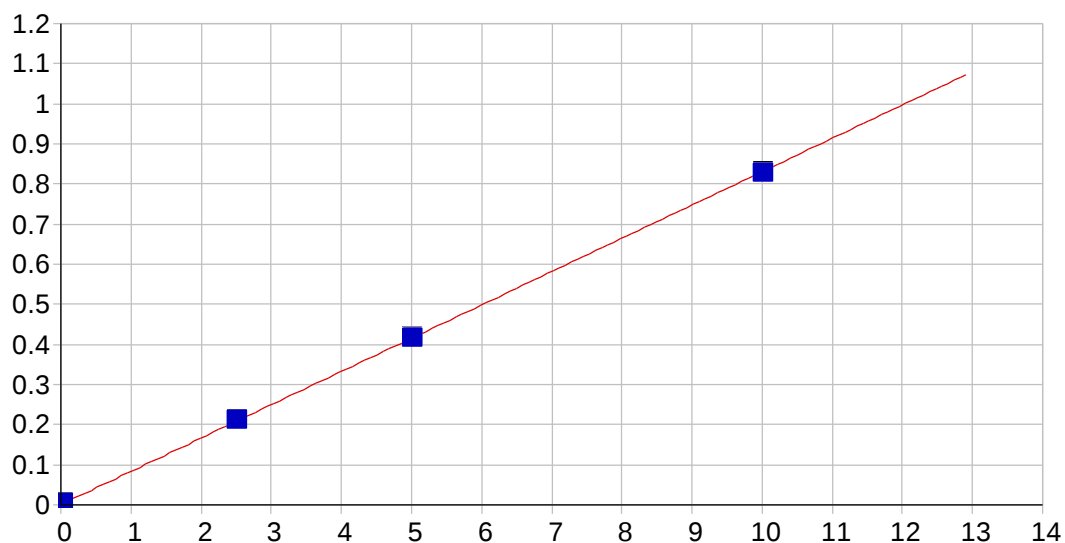
Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000352 Re-Slope: 1.000000  
 A1 (Gain): 0.060169 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999988 Status: OK.  
 Std Error of Est: 0.000007  
 Predicted MDL: 0.002641  
 Predicted MQL: 0.008804

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00035 | .000    | 1        |
| S1        | .02000       | .02127      | .001       | 6.34    | .00095  | .000    | 1        |
| S3        | 2.5000       | 2.5264      | .026       | 1.06    | .15187  | .000    | 1        |
| S4        | 5.0000       | 4.9930      | -.007      | -.141   | .30048  | .001    | 1        |
| S5        | 10.000       | 9.9793      | -.021      | -.207   | .60092  | .002    | 1        |





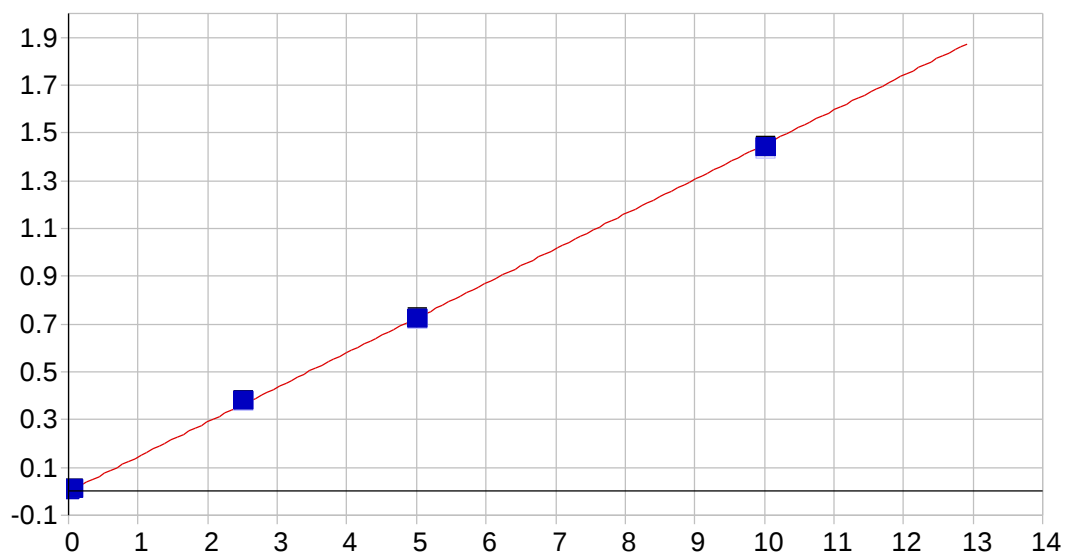


Se 196.090 {472}

Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000392 Re-Slope: 1.000000  
 A1 (Gain): 0.083044 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999972 Status: OK.  
 Std Error of Est: 0.000015  
 Predicted MDL: 0.002750  
 Predicted MQL: 0.009167

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00039 | .000    | 1        |
| S1        | .02000       | .02200      | .002       | 10.0    | .00222 | .000    | 1        |
| S3        | 2.5000       | 2.5363      | .036       | 1.45    | .21114 | .000    | 1        |
| S4        | 5.0000       | 5.0102      | .010       | .204    | .41670 | .000    | 1        |
| S5        | 10.000       | 9.9515      | -.048      | -.485   | .82729 | .003    | 1        |

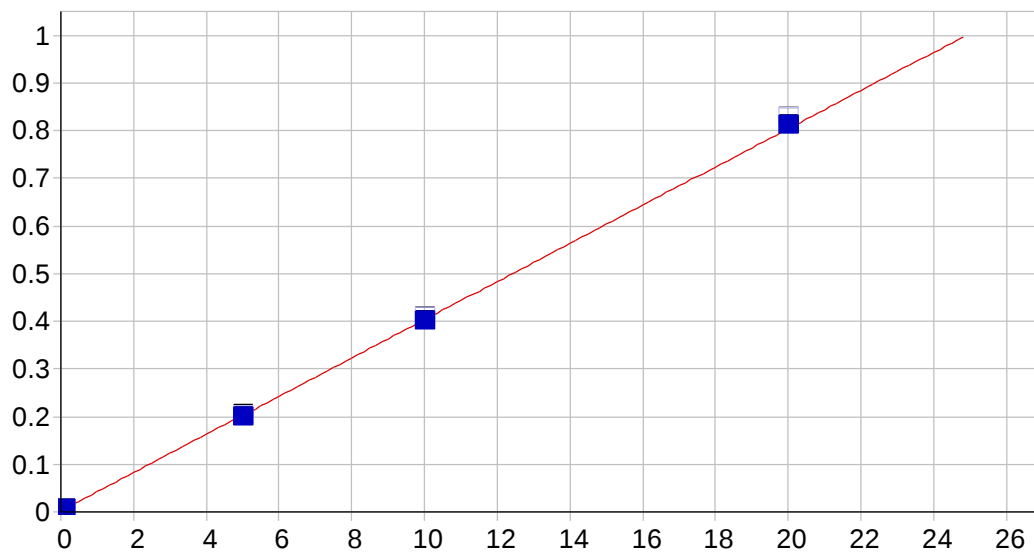


## Sb 206.833 {463}

Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000092 Re-Slope: 1.000000  
 A1 (Gain): 0.145078 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999864 Status: OK.  
 Std Error of Est: 0.000091  
 Predicted MDL: 0.001855  
 Predicted MQL: 0.006184

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00009 | .000    | 1        |
| S1        | .05000       | .05181      | .002       | 3.61    | .00737  | .000    | 1        |
| S3        | 2.5000       | 2.5991      | .099       | 3.96    | .37359  | .001    | 1        |
| S4        | 5.0000       | 4.9728      | -.027      | -.545   | .71455  | .002    | 1        |
| S5        | 10.000       | 9.9263      | -.074      | -.737   | 1.4264  | .003    | 1        |

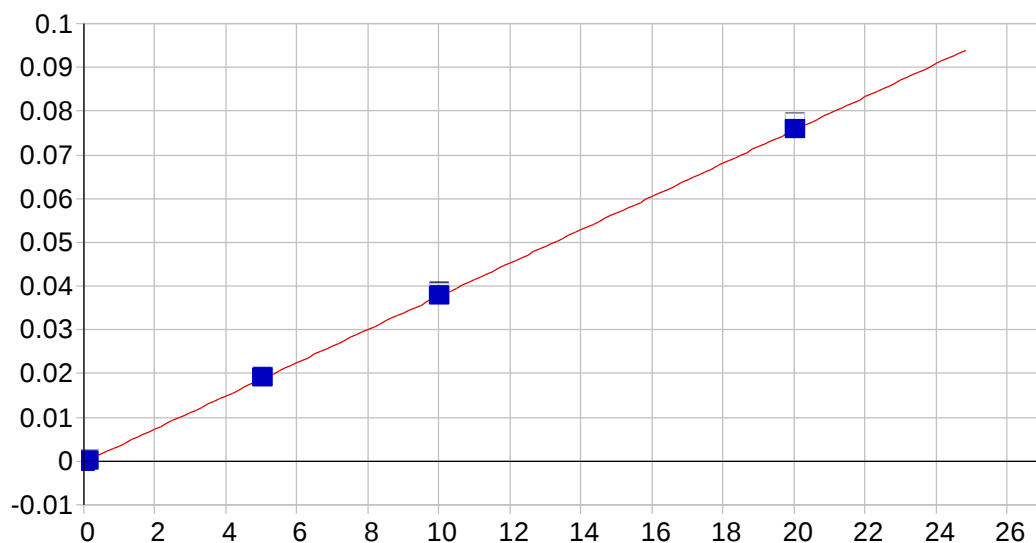


## Al 308.215 {109}

Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002424 Re-Slope: 1.000000  
 A1 (Gain): 0.040067 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999926 Status: OK.  
 Std Error of Est: 0.000038  
 Predicted MDL: 0.003770  
 Predicted MQL: 0.012568

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00242 | .000    | 1        |
| S1        | .10000       | .08982      | -.010      | -10.2   | .00630 | .000    | 1        |
| S3        | 5.0000       | 4.8947      | -.105      | -2.11   | .20244 | .001    | 1        |
| S4        | 10.000       | 9.9328      | -.067      | -.672   | .40820 | .001    | 1        |
| S5        | 20.000       | 20.183      | .183       | .916    | .82671 | .000    | 1        |

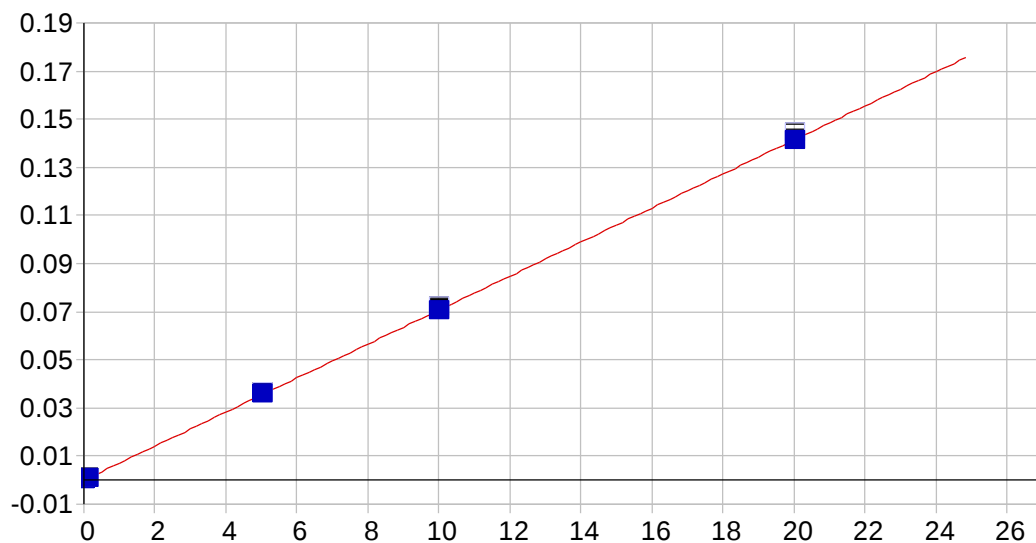


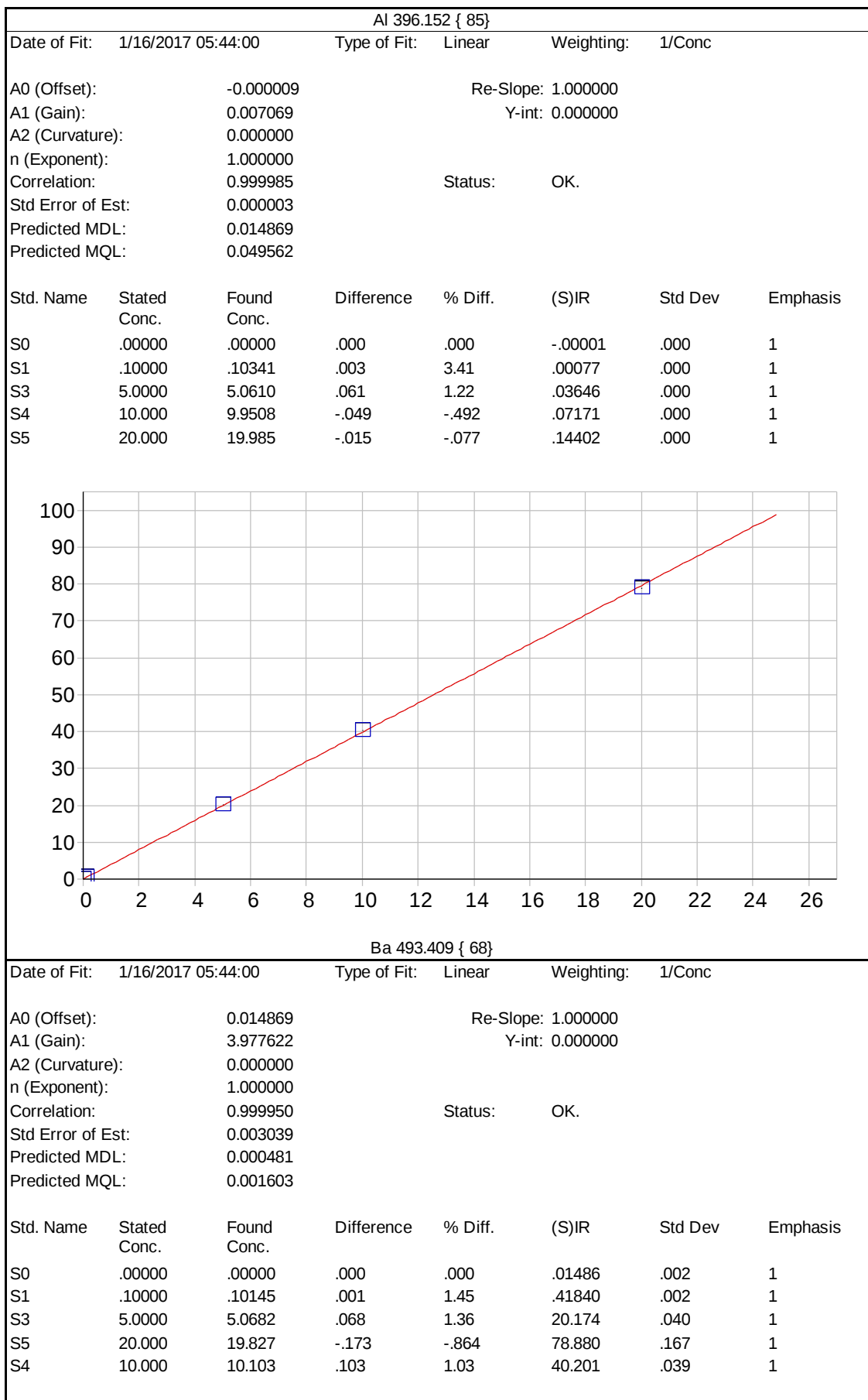
AI 309.271 {109}

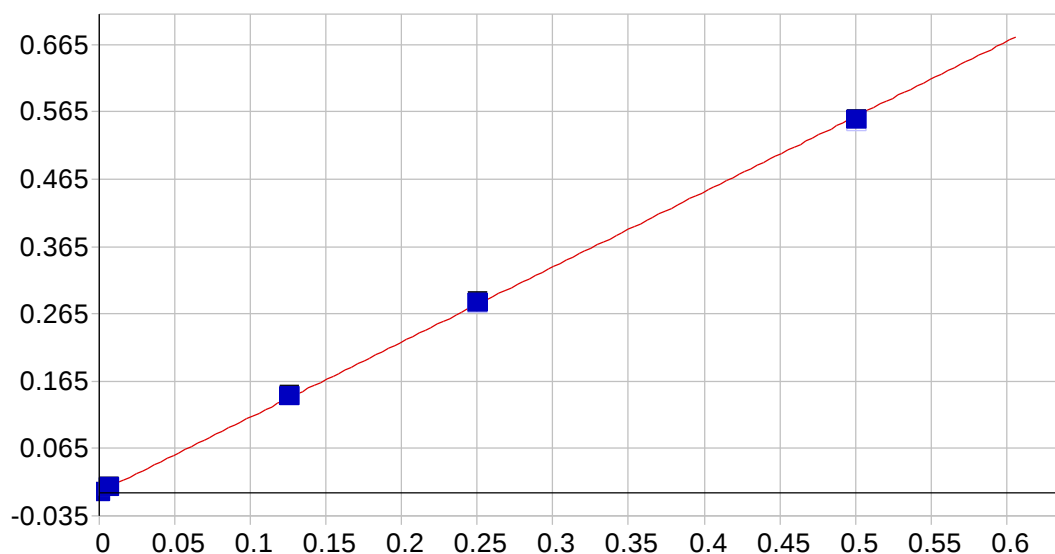
Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000278 Re-Slope: 1.000000  
 A1 (Gain): 0.003795 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999991 Status: OK.  
 Std Error of Est: 0.000001  
 Predicted MDL: 0.020369  
 Predicted MQL: 0.067896

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00028 | .000    | 1        |
| S1        | .10000       | .09398      | -.006      | -6.02   | .00010  | .000    | 1        |
| S3        | 5.0000       | 5.0375      | .038       | .751    | .01921  | .000    | 1        |
| S4        | 10.000       | 9.9814      | -.019      | -.186   | .03834  | .000    | 1        |
| S5        | 20.000       | 19.987      | -.013      | -.063   | .07706  | .000    | 1        |







Be 234.861 {144}

Date of Fit: 1/16/2017 05:44:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000071

Re-Slope: 1.000000

A1 (Gain): 1.115527

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999927

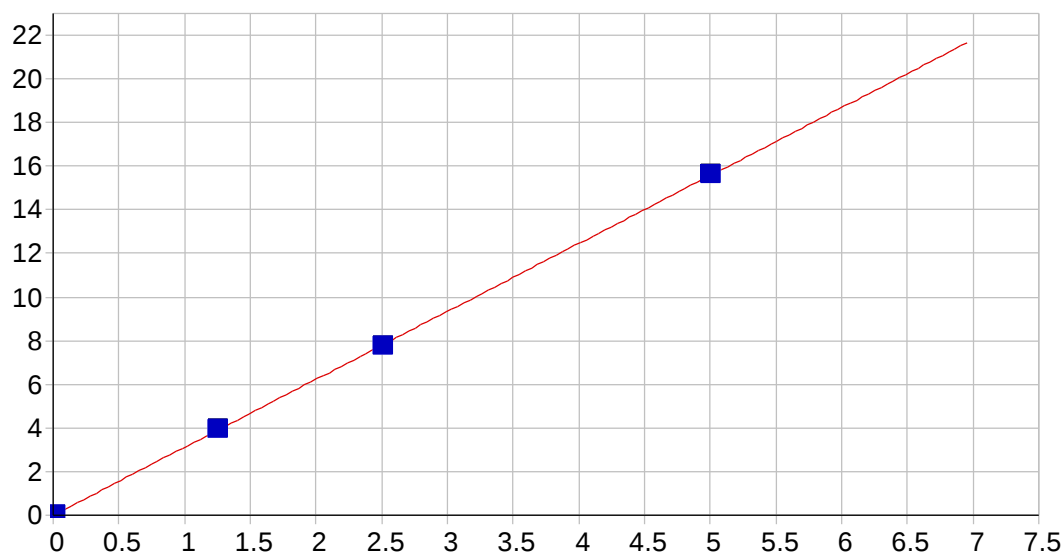
Status: OK.

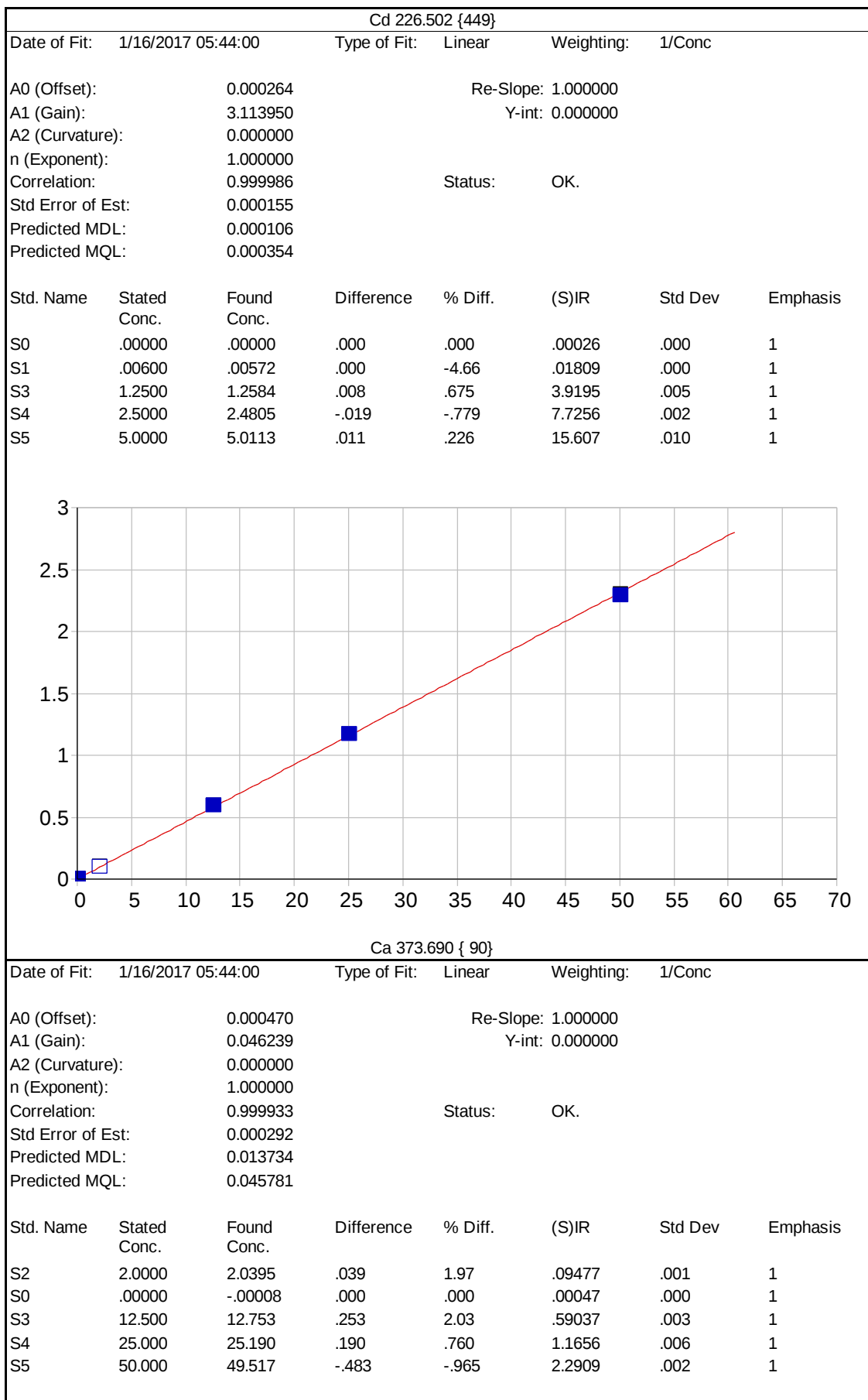
Std Error of Est: 0.000040

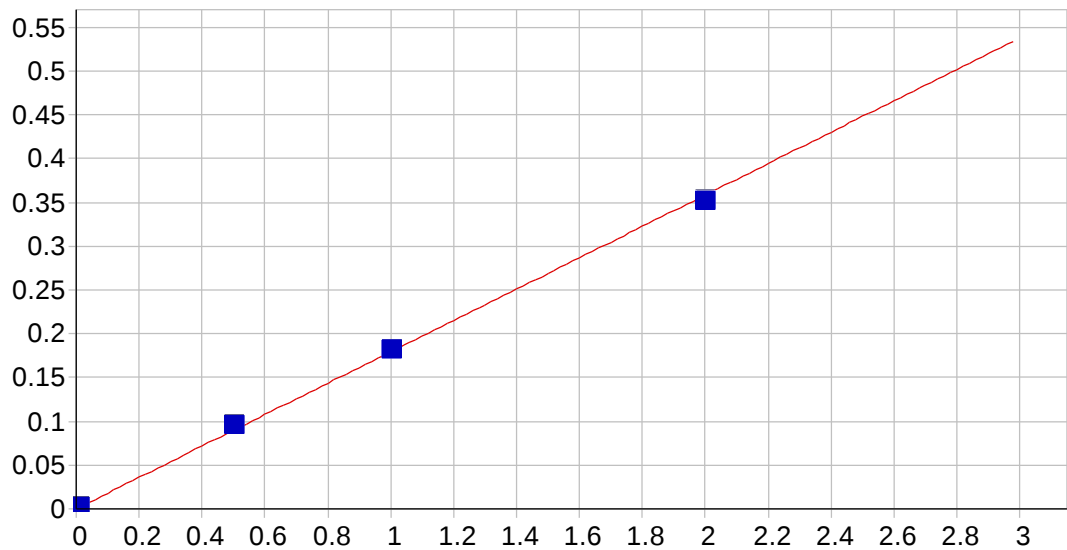
Predicted MDL: 0.000064

Predicted MQL: 0.000212

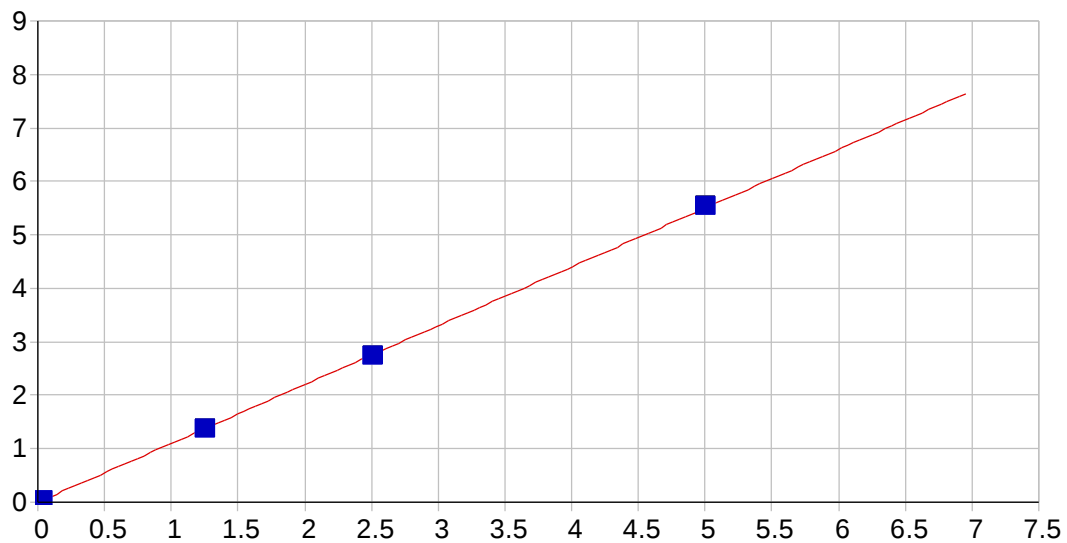
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00007 | .000    | 1        |
| S1        | .00600       | .00610      | .000       | 1.70    | .00667  | .000    | 1        |
| S3        | .12500       | .12790      | .003       | 2.32    | .14168  | .000    | 1        |
| S4        | .25000       | .25179      | .002       | .715    | .27897  | .001    | 1        |
| S5        | .50000       | .49522      | -.005      | -.957   | .54869  | .000    | 1        |

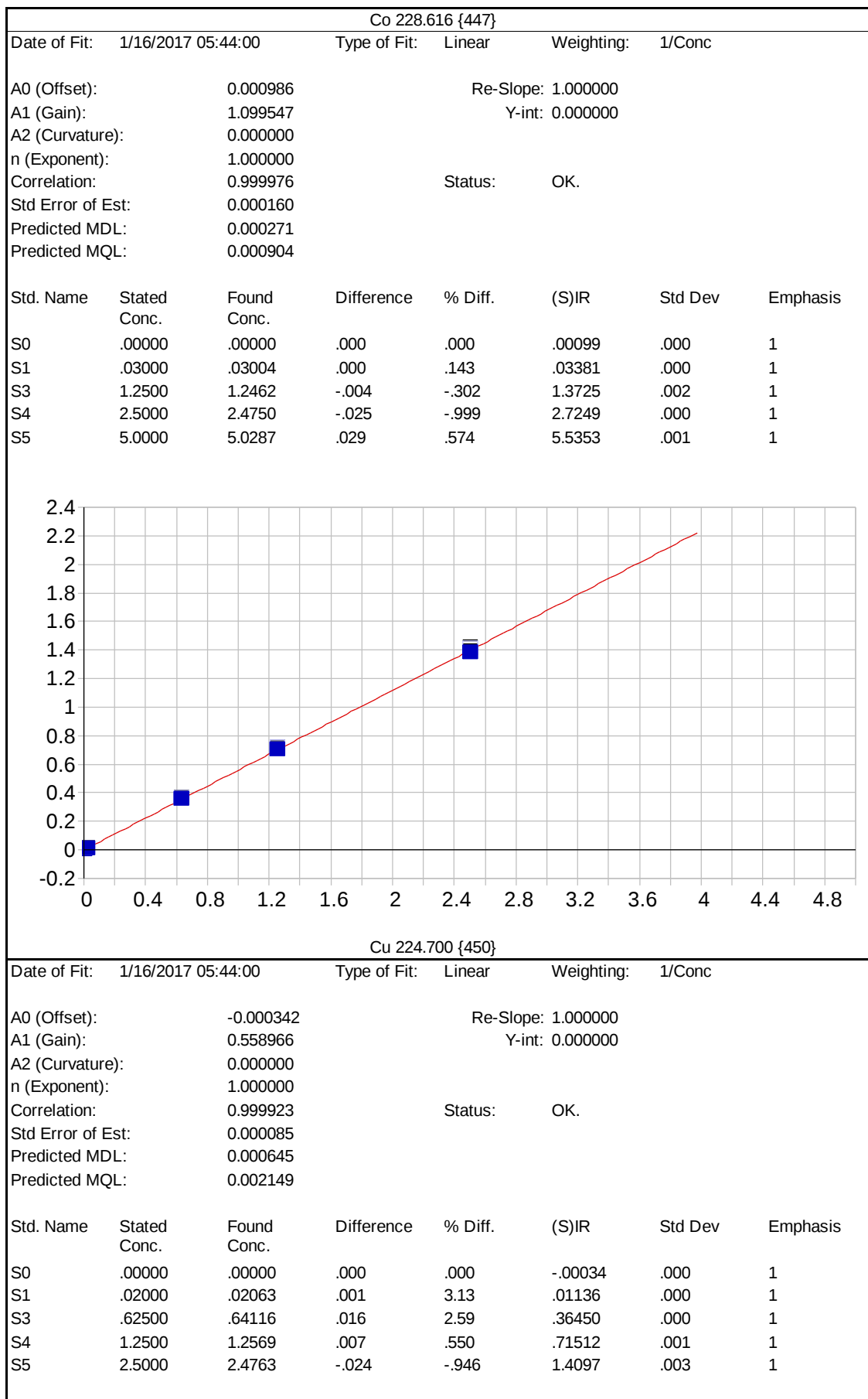


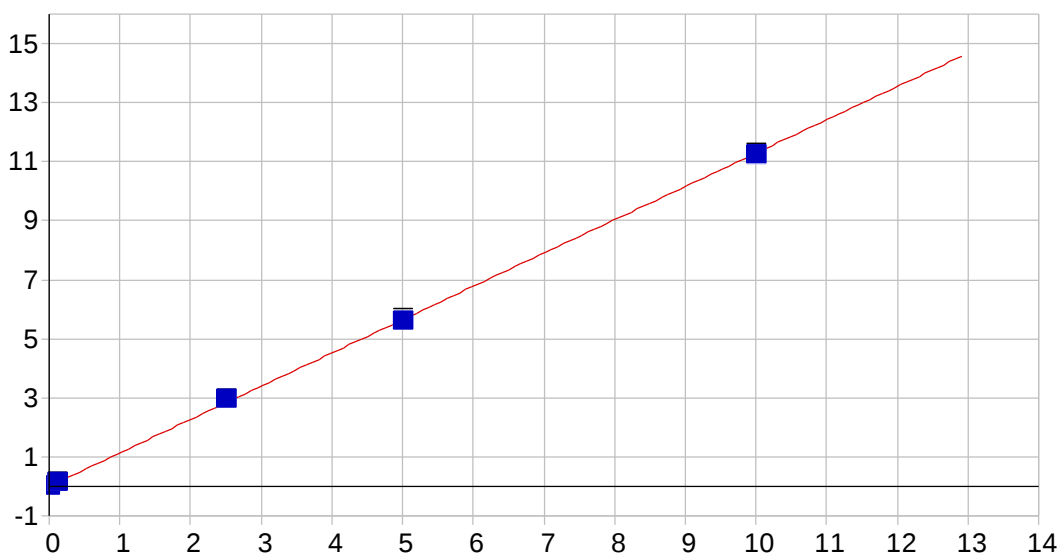




| Cr 267.716 {126}                |              |                     |            |                    |        |         |          |
|---------------------------------|--------------|---------------------|------------|--------------------|--------|---------|----------|
| Date of Fit: 1/16/2017 05:44:00 |              | Type of Fit: Linear |            | Weighting: 1/Conc  |        |         |          |
| A0 (Offset):                    |              | 0.000105            |            | Re-Slope: 1.000000 |        |         |          |
| A1 (Gain):                      |              | 0.179152            |            | Y-int: 0.000000    |        |         |          |
| A2 (Curvature):                 |              | 0.000000            |            |                    |        |         |          |
| n (Exponent):                   |              | 1.000000            |            |                    |        |         |          |
| Correlation:                    |              | 0.999615            |            | Status: OK.        |        |         |          |
| Std Error of Est:               |              | 0.000038            |            |                    |        |         |          |
| Predicted MDL:                  |              | 0.000513            |            |                    |        |         |          |
| Predicted MQL:                  |              | 0.001711            |            |                    |        |         |          |
|                                 |              |                     |            |                    |        |         |          |
| Std. Name                       | Stated Conc. | Found Conc.         | Difference | % Diff.            | (S)IR  | Std Dev | Emphasis |
| S0                              | .00000       | .00000              | .000       | .000               | .00010 | .000    | 1        |
| S1                              | .01000       | .01031              | .000       | 3.09               | .00195 | .000    | 1        |
| S3                              | .50000       | .53027              | .030       | 6.05               | .09520 | .000    | 1        |
| S4                              | 1.0000       | 1.0091              | .009       | .909               | .18108 | .000    | 1        |
| S5                              | 2.0000       | 1.9603              | -.040      | -1.98              | .35169 | .001    | 1        |







Fe 240.488 {140}

Date of Fit: 1/16/2017 05:44:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.004659

Re-Slope: 1.000000

A1 (Gain): 1.128415

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999844

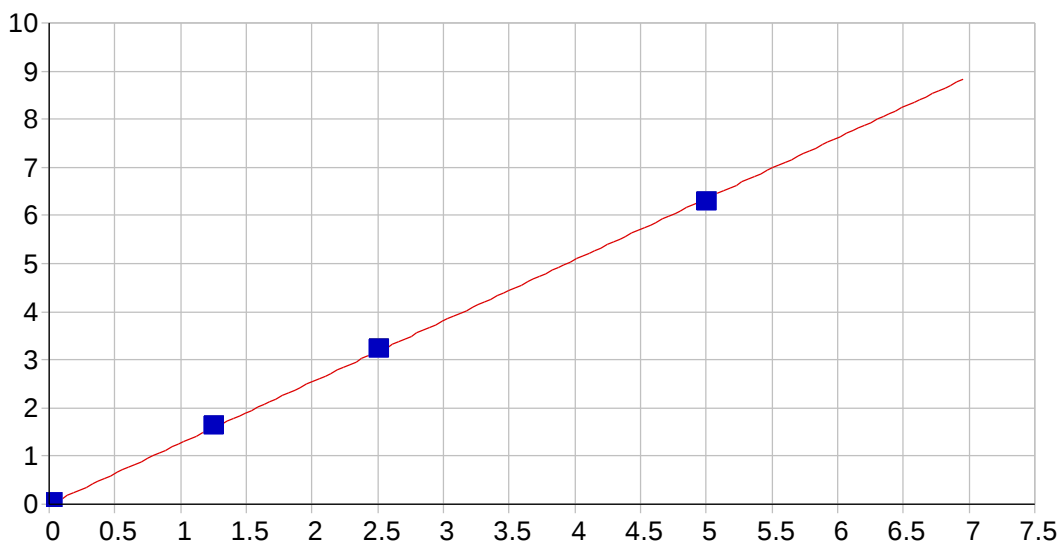
Status: OK.

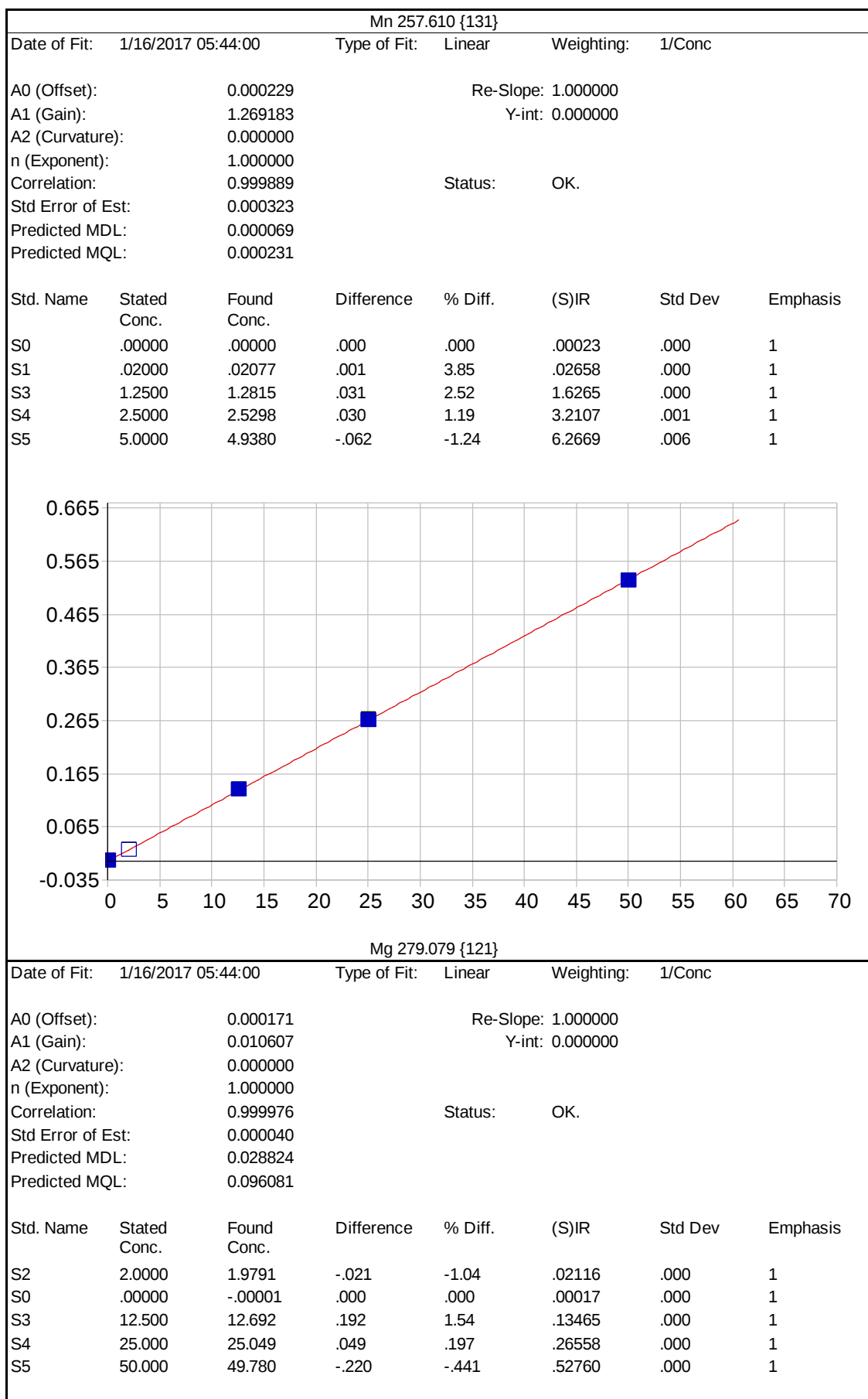
Std Error of Est: 0.001076

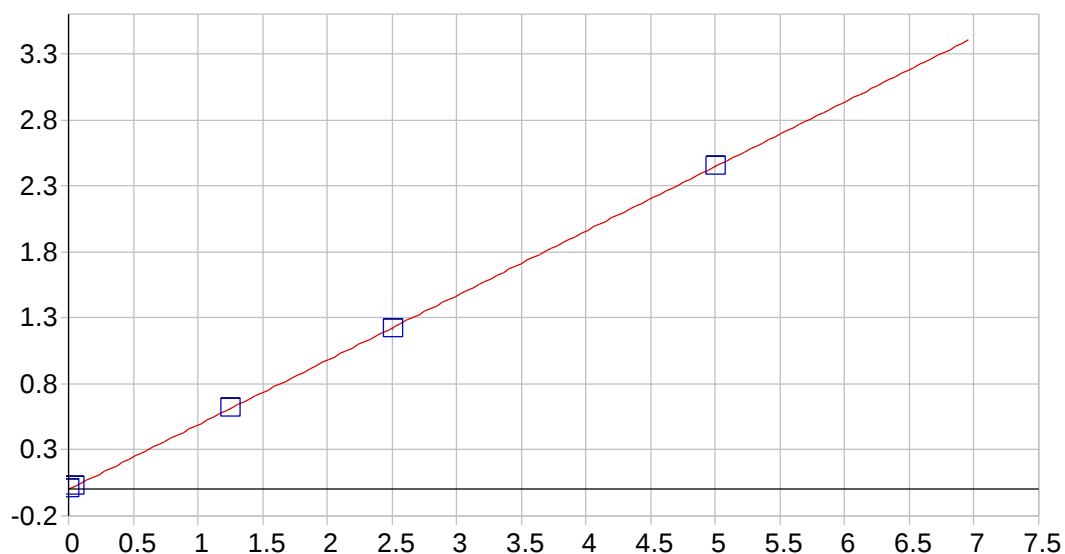
Predicted MDL: 0.008399

Predicted MQL: 0.027997

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | .00465 | .012    | 1        |
| S1        | .10000       | .10584      | .006       | 5.84    | .12396 | .006    | 1        |
| S3        | 2.5000       | 2.6028      | .103       | 4.11    | 2.9366 | .009    | 1        |
| S4        | 5.0000       | 4.9454      | -.055      | -1.09   | 5.5749 | .094    | 1        |
| S5        | 10.000       | 9.9460      | -.054      | -.540   | 11.207 | .044    | 1        |





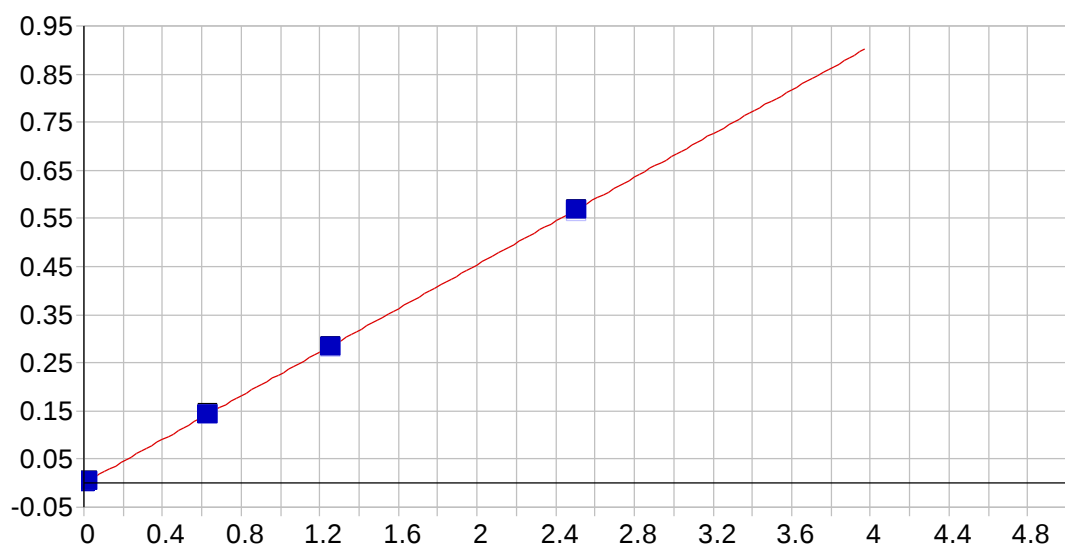


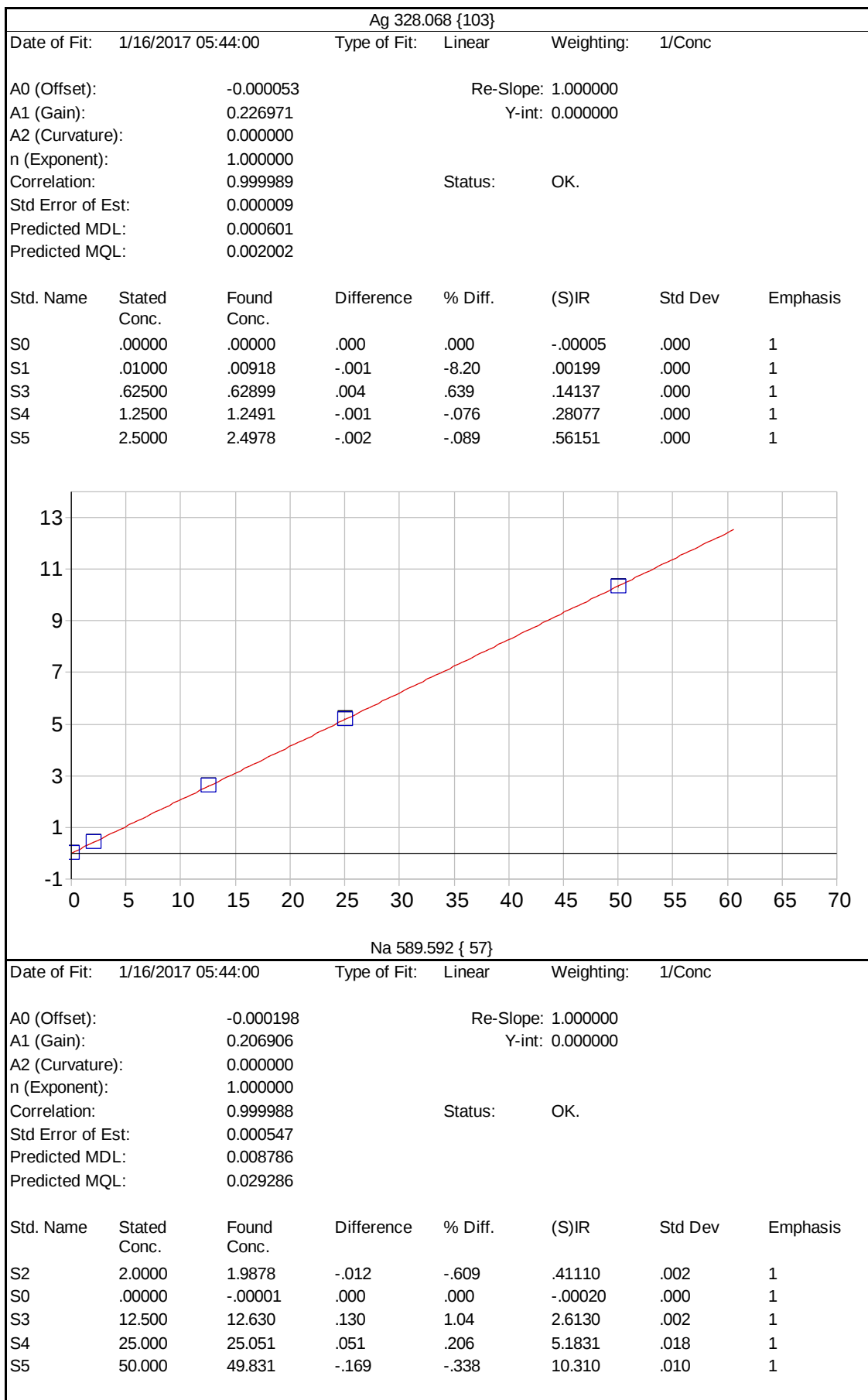
Ni 231.604 {445}

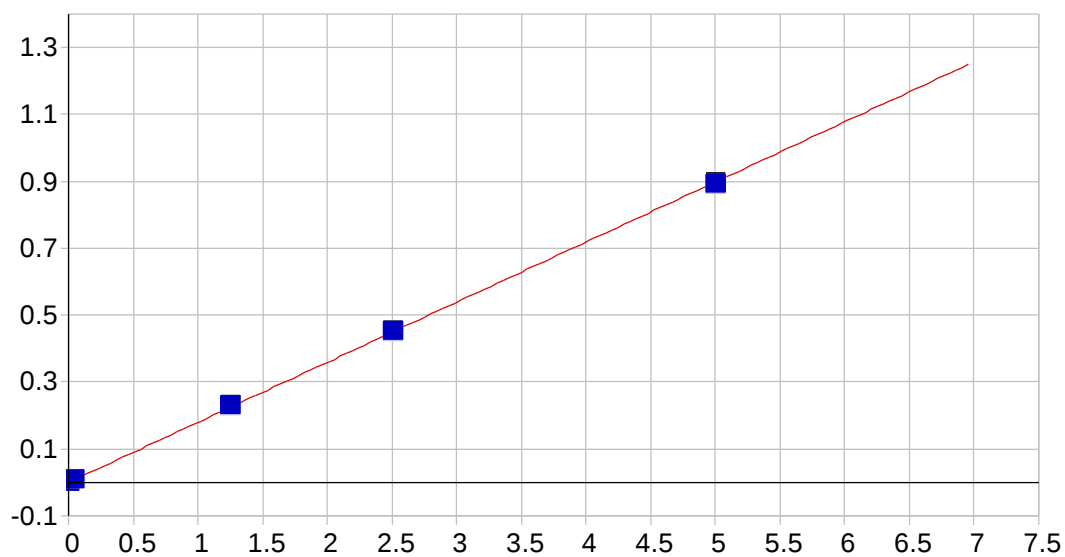
Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000068 Re-Slope: 1.000000  
 A1 (Gain): 0.489209 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999984 Status: OK.  
 Std Error of Est: 0.000068  
 Predicted MDL: 0.000529  
 Predicted MQL: 0.001764

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00007 | .000    | 1        |
| S1        | .04000       | .04101      | .001       | 2.53    | .02000  | .000    | 1        |
| S3        | 1.2500       | 1.2609      | .011       | .874    | .61679  | .000    | 1        |
| S4        | 2.5000       | 2.4804      | -.020      | -.784   | 1.2134  | .000    | 1        |
| S5        | 5.0000       | 5.0077      | .008       | .153    | 2.4497  | .000    | 1        |





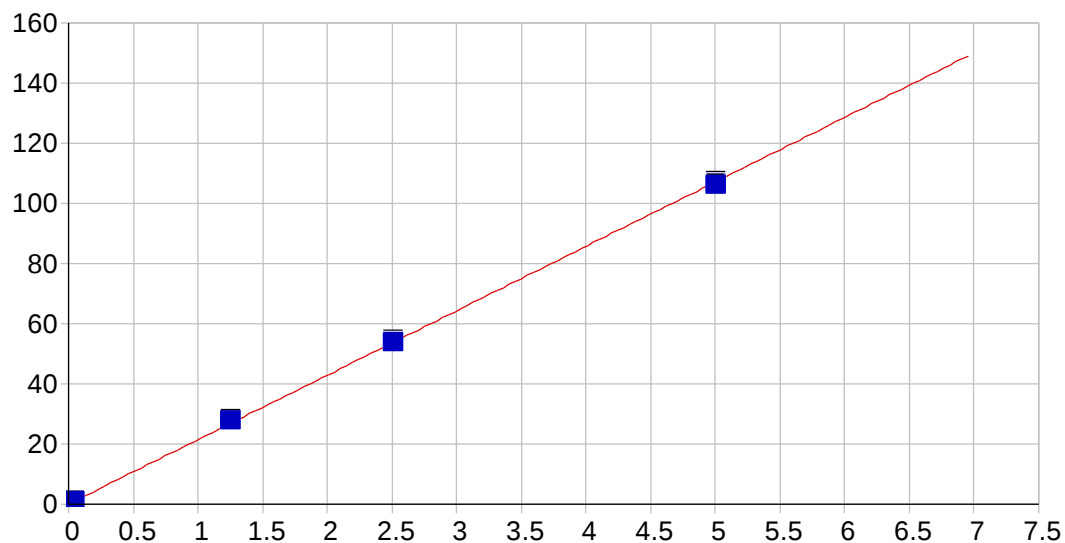


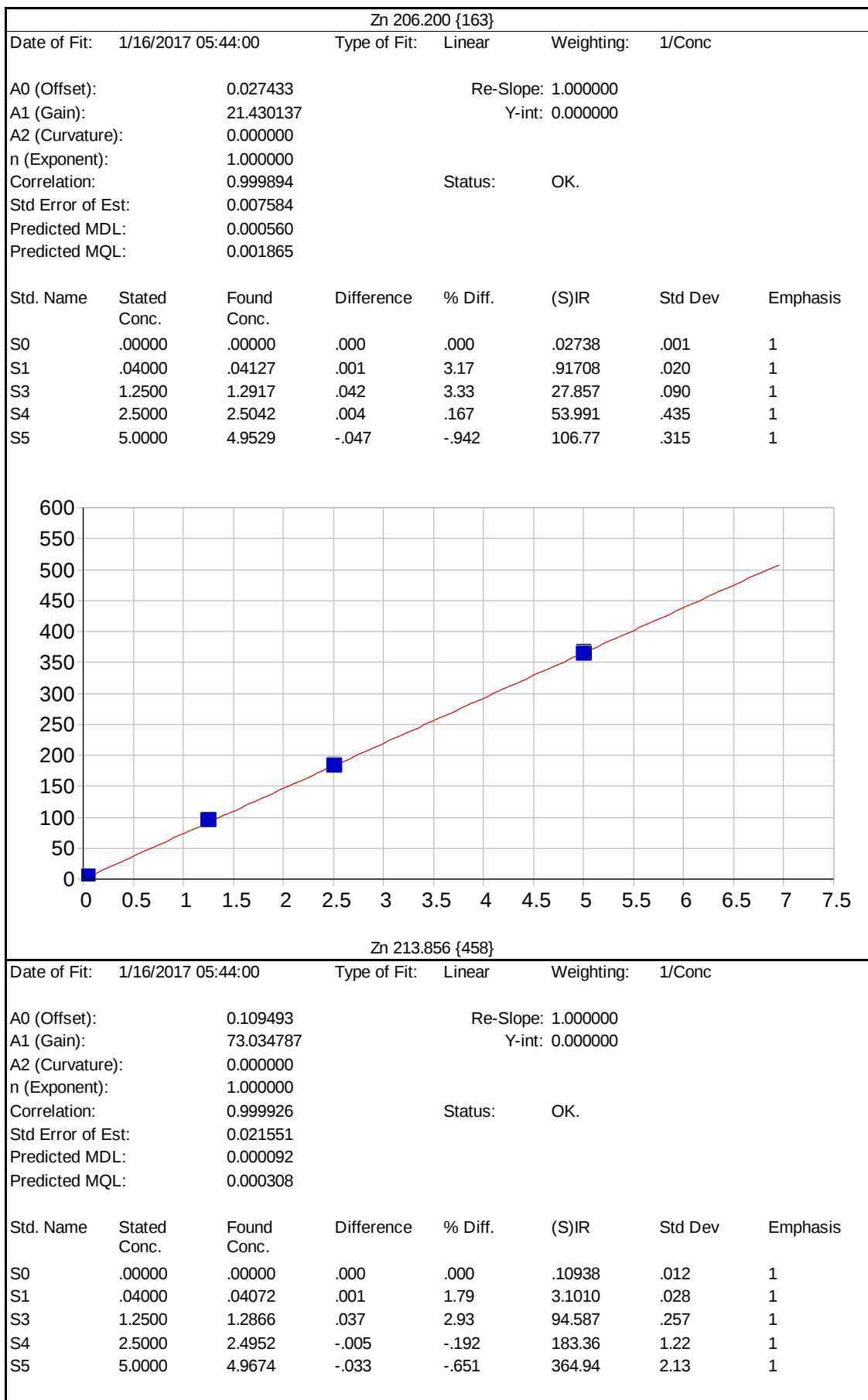
V 292.402 {115}

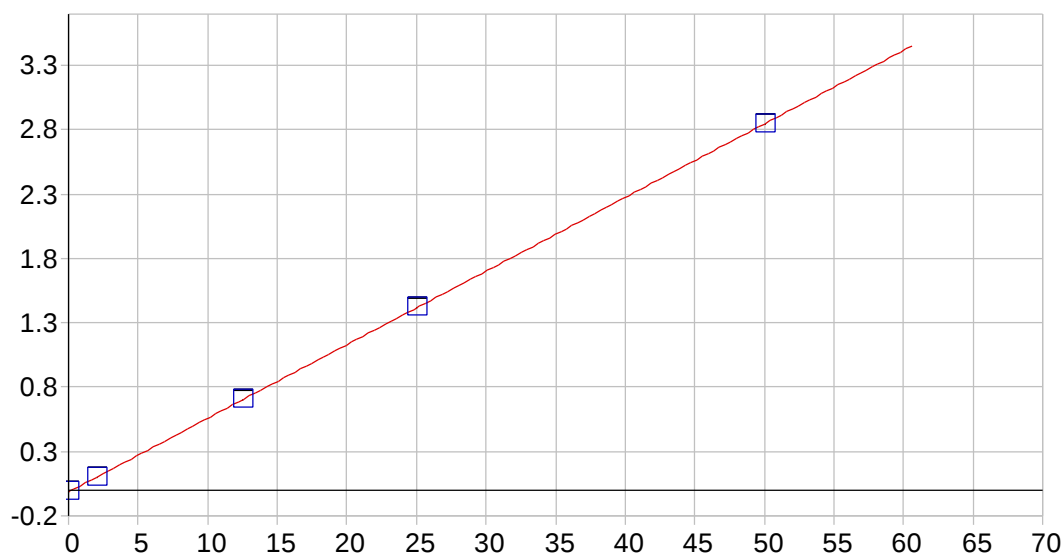
Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000274 Re-Slope: 1.000000  
 A1 (Gain): 0.179685 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999966 Status: OK.  
 Std Error of Est: 0.000036  
 Predicted MDL: 0.000553  
 Predicted MQL: 0.001843

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00027 | .000    | 1        |
| S1        | .04000       | .04055      | .001       | 1.38    | .00690  | .000    | 1        |
| S3        | 1.2500       | 1.2700      | .020       | 1.60    | .22648  | .000    | 1        |
| S4        | 2.5000       | 2.5119      | .012       | .477    | .44819  | .000    | 1        |
| S5        | 5.0000       | 4.9676      | -.032      | -.649   | .88654  | .001    | 1        |







K 766.490 { 44}

Date of Fit: 1/16/2017 05:44:00

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.013650

Re-Slope: 1.000000

A1 (Gain): 0.057200

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999999

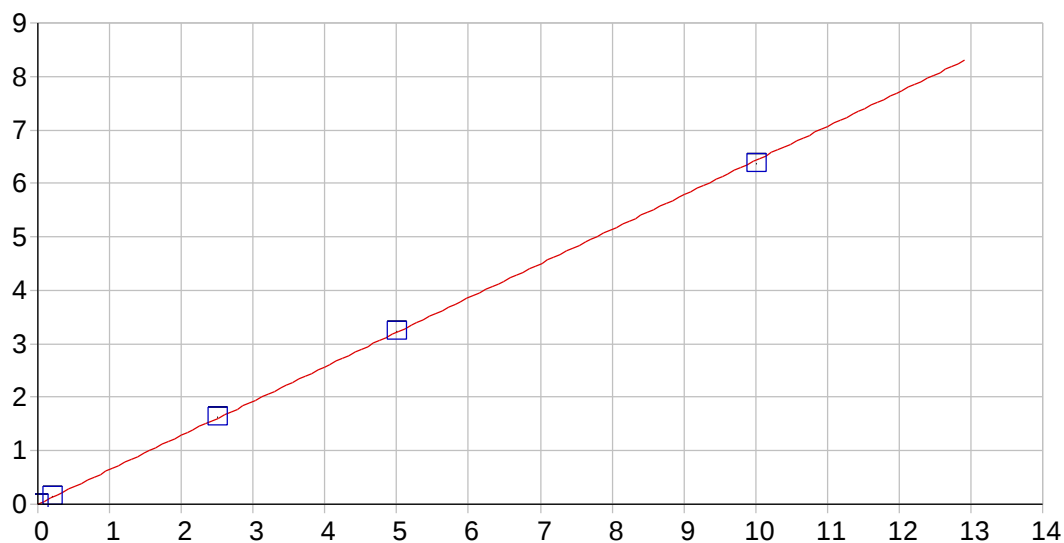
Status: OK.

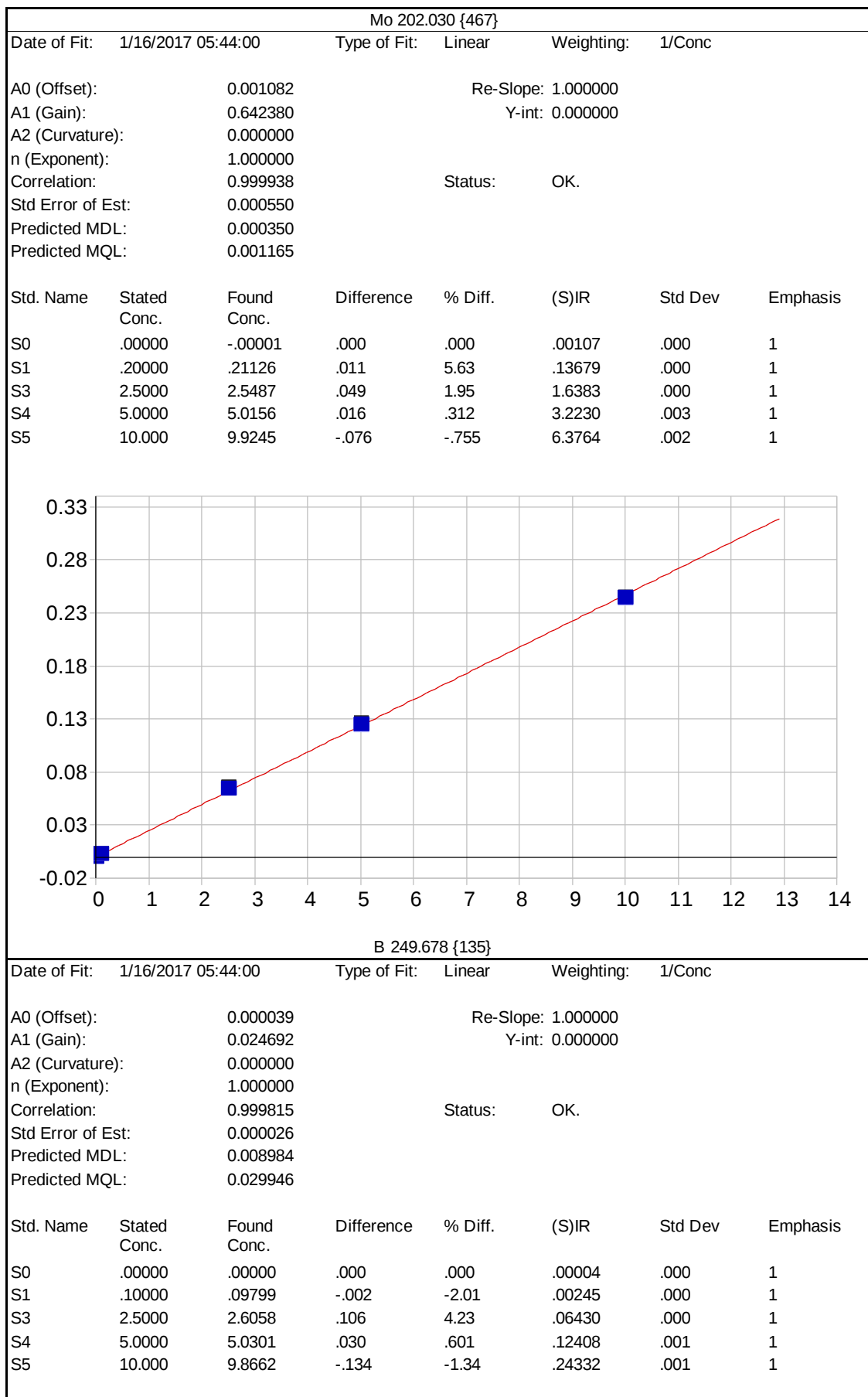
Std Error of Est: 0.000036

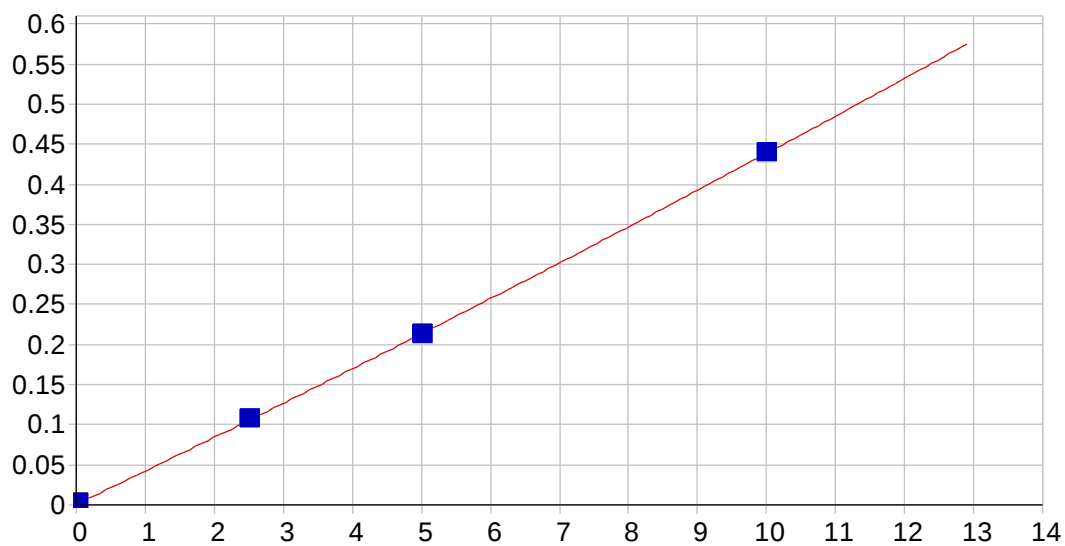
Predicted MDL: 0.033177

Predicted MQL: 0.110589

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S2        | 2.0000       | 2.0084      | .008       | .418    | .10123  | .001    | 1        |
| S0        | .00000       | -.00001     | .000       | .000    | -.01365 | .001    | 1        |
| S3        | 12.500       | 12.485      | -.015      | -.123   | .70047  | .002    | 1        |
| S4        | 25.000       | 25.035      | .035       | .142    | 1.4184  | .008    | 1        |
| S5        | 50.000       | 49.972      | -.028      | -.057   | 2.8447  | .002    | 1        |







S 182.034 {485}

Date of Fit: 1/16/2017 05:44:00

Type of Fit: Curvilinear

Weighting: 1/Conc

A0 (Offset): 0.000702

Re-Slope: 1.000000

A1 (Gain): 0.041281

Y-int: 0.000000

A2 (Curvature): 0.000249

n (Exponent): 1.000000

Correlation: 0.999982

Status: Warning

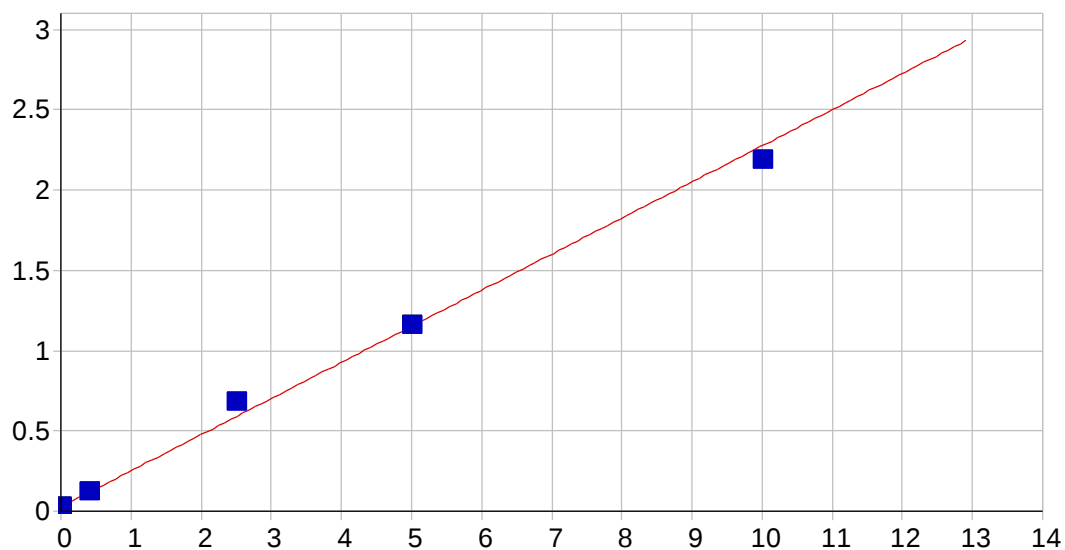
Positive Curvature

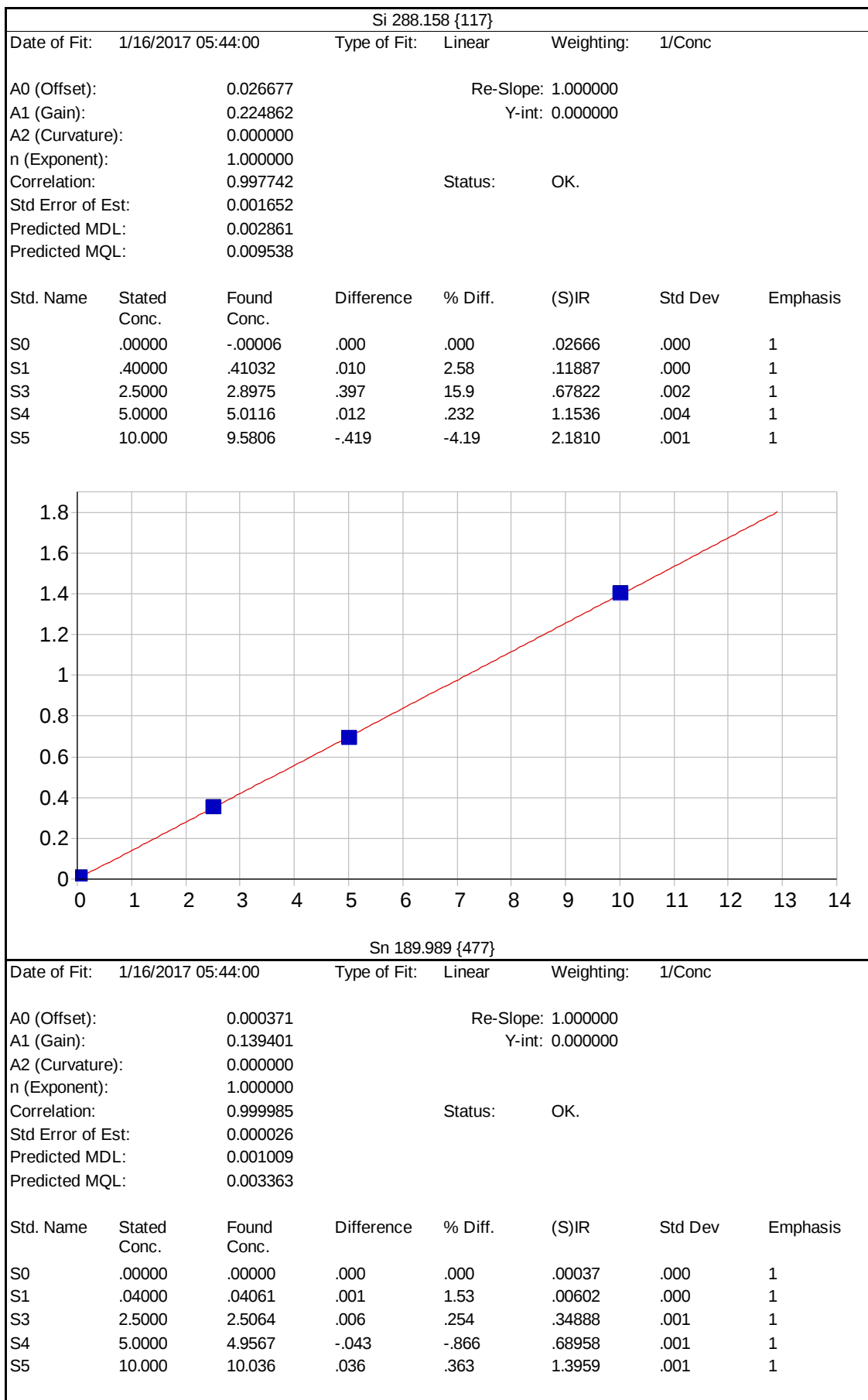
Std Error of Est: 0.000008

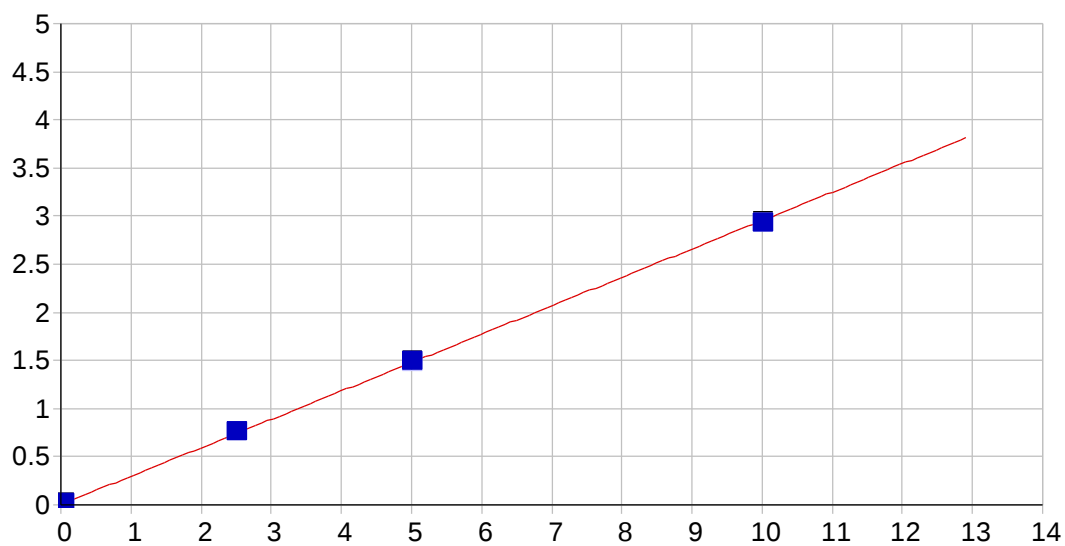
Predicted MDL: 0.003458

Predicted MQL: 0.011527

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00070 | .000    | 1        |
| S1        | .02000       | .02150      | .001       | 7.49    | .00157 | .000    | 1        |
| S3        | 2.5000       | 2.5237      | .024       | .948    | .10627 | .000    | 1        |
| S4        | 5.0000       | 4.9627      | -.037      | -.746   | .21130 | .000    | 1        |
| S5        | 10.000       | 10.012      | .012       | .122    | .43819 | .001    | 1        |





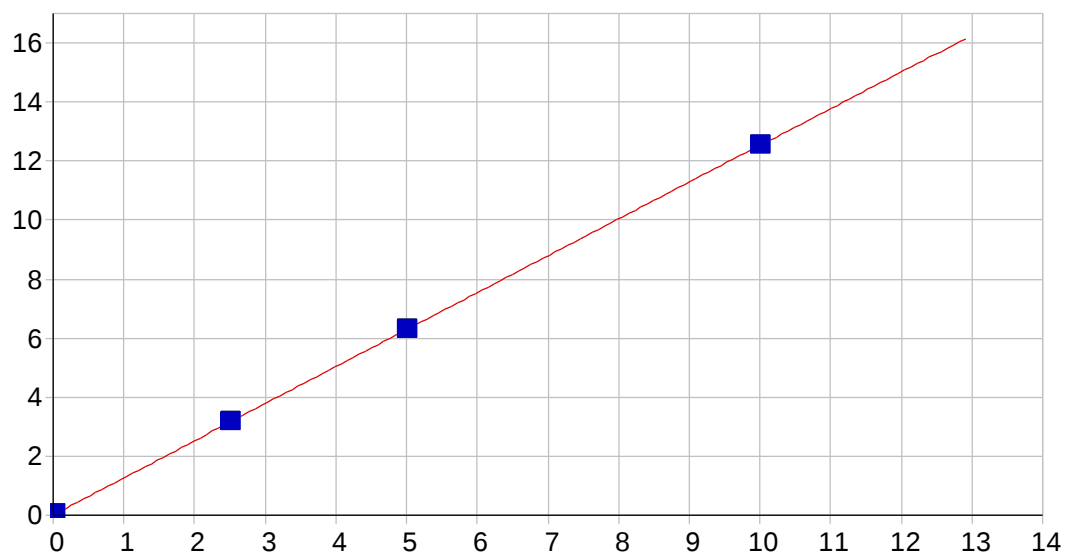


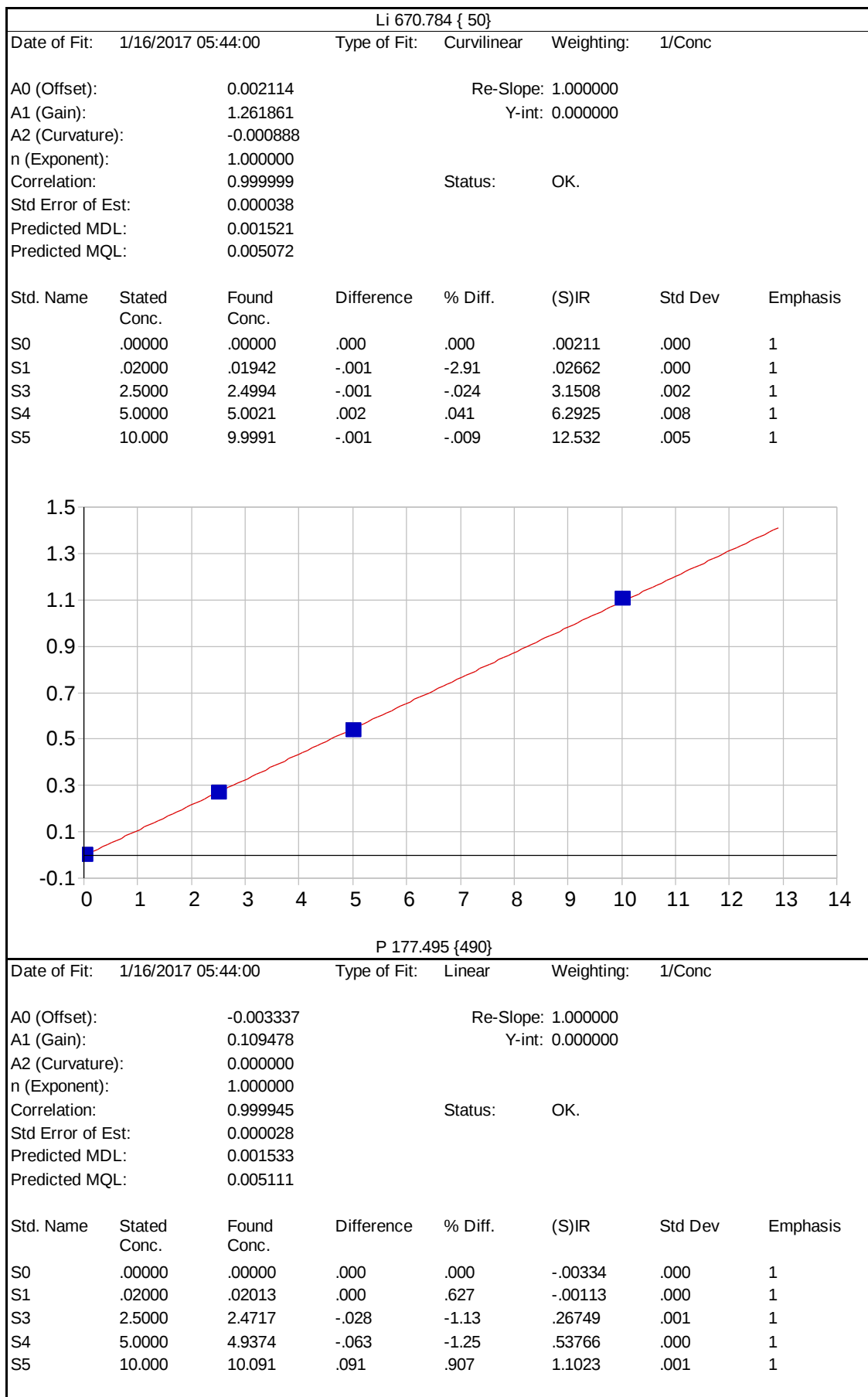
Ti 336.121 {100}

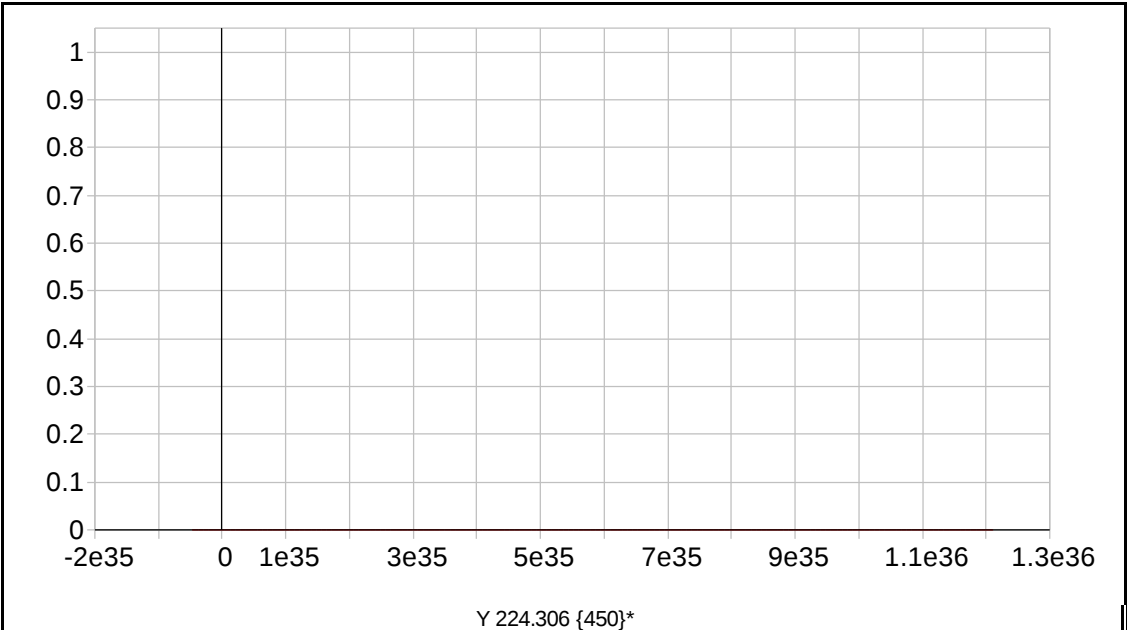
Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001688 Re-Slope: 1.000000  
 A1 (Gain): 0.295219 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999935 Status: OK.  
 Std Error of Est: 0.000115  
 Predicted MDL: 0.001545  
 Predicted MQL: 0.005151

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00169 | .000    | 1        |
| S1        | .04000       | .04210      | .002       | 5.25    | .01411 | .000    | 1        |
| S3        | 2.5000       | 2.5599      | .060       | 2.40    | .75708 | .000    | 1        |
| S4        | 5.0000       | 5.0184      | .018       | .368    | 1.4825 | .003    | 1        |
| S5        | 10.000       | 9.9196      | -.080      | -.804   | 2.9288 | .005    | 1        |



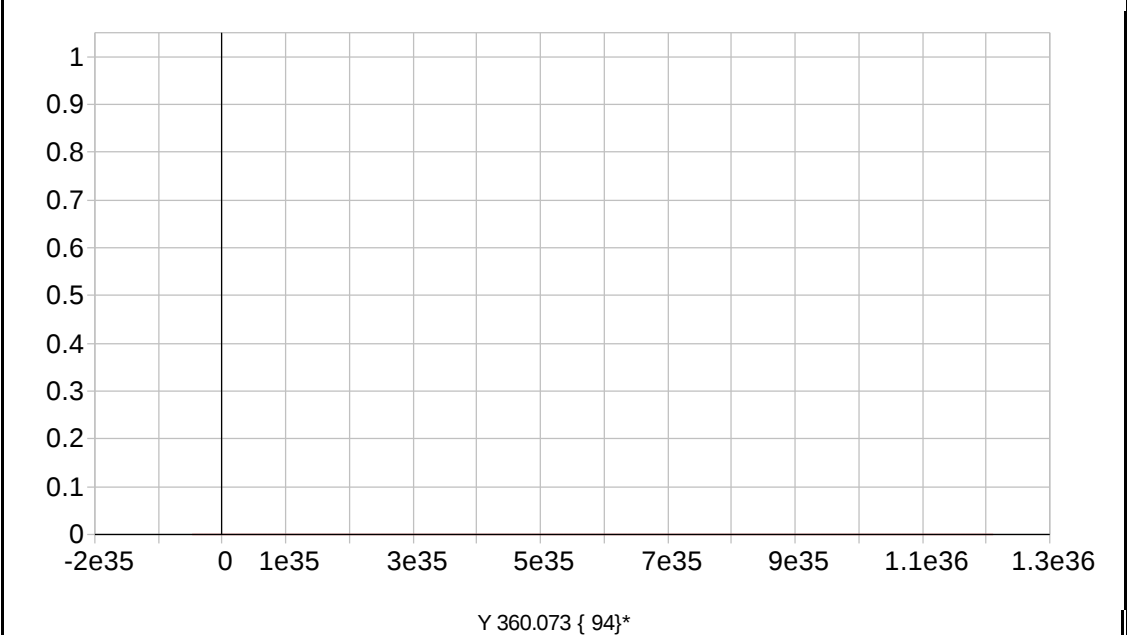




Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

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



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

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

Status:      Warning      Zero Gain

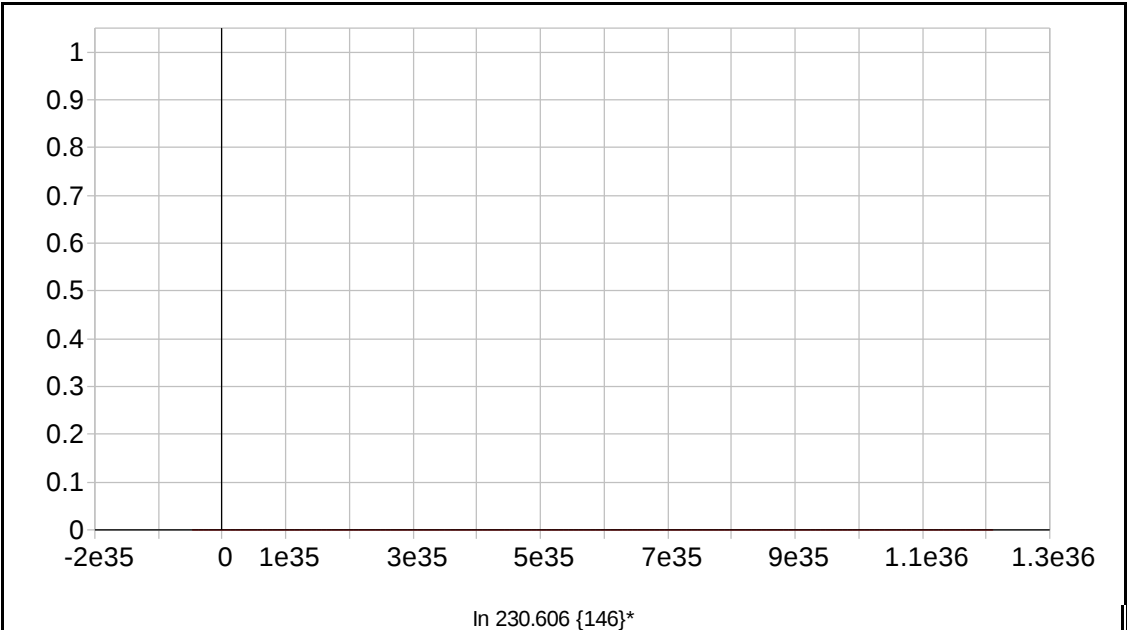
The figure shows a blank coordinate system. The x-axis is labeled with values: -2e35, 0, 1e35, 3e35, 5e35, 7e35, 9e35, 1.1e36, and 1.3e36. The y-axis is labeled with values from 0 to 1 in increments of 0.1. A vertical line is drawn at x=0, and a horizontal line is drawn at y=0. The grid consists of 10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

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

Re-Slope: 1.000000  
Y-int: 0.000000

Status:      Warning      Zero Gain

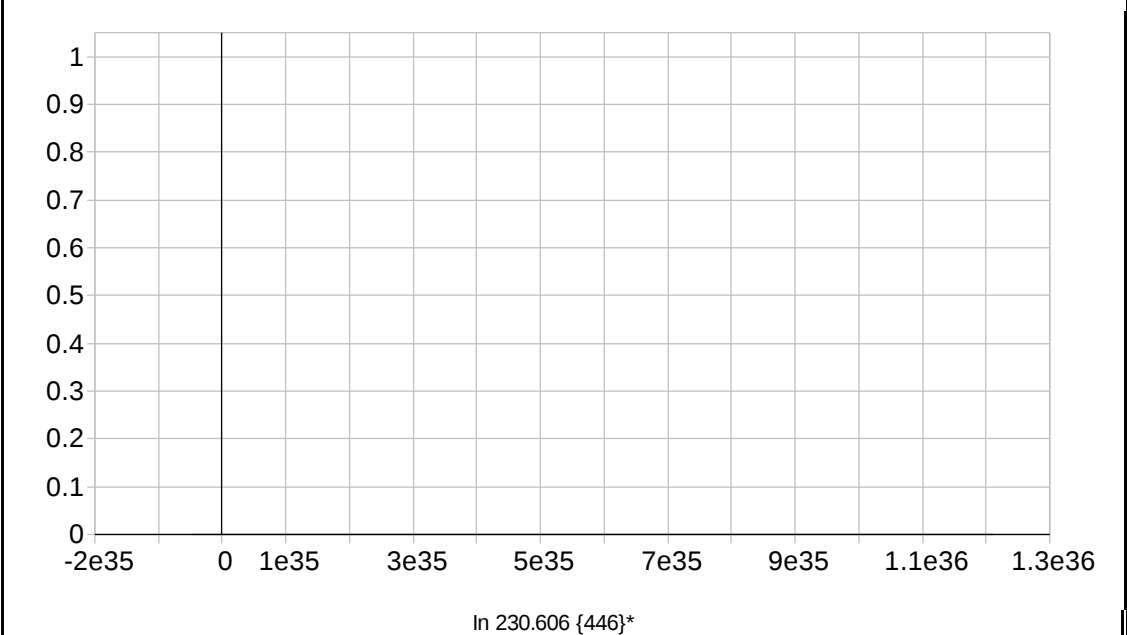
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



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

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

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



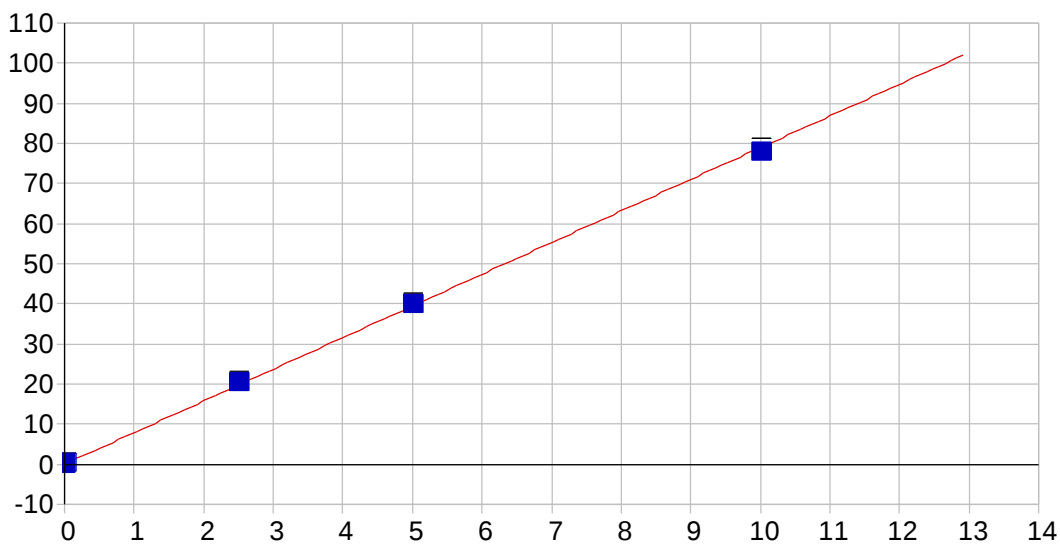
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

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

Status: Warning Zero Gain

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



Sr 407.771 { 83}

Date of Fit: 1/16/2017 05:44:00 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.003388 Re-Slope: 1.000000  
 A1 (Gain): 7.895906 Y-int: 0.000000  
 A2 (Curvature): 0.000000  
 n (Exponent): 1.000000  
 Correlation: 0.999782 Status: OK.  
 Std Error of Est: 0.003980  
 Predicted MDL: 0.000100  
 Predicted MQL: 0.000332

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | .000       | .000    | -.00343 | .000    | 1        |
| S1        | .02000       | .02492      | .005       | 24.6    | .19337  | .001    | 1        |
| S3        | 2.5000       | 2.5918      | .092       | 3.67    | 20.468  | .014    | 1        |
| S4        | 5.0000       | 5.0576      | .058       | 1.15    | 39.944  | .047    | 1        |
| S5        | 10.000       | 9.8456      | -.154      | -1.54   | 77.763  | 1.09    | 1        |

Sample Name: S0      Acquired: 1/13/2017 13:44:34      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .00035 | .00045 | .00008 | .00039 | .00009 | .00001 | .01486 | .00007 |
| Stddev | .00000 | .00009 | .00024 | .00008 | .00009 | .00005 | .00190 | .00005 |
| %RSD   | .26793 | 19.718 | 321.47 | 21.407 | 102.20 | 520.48 | 12.794 | 77.025 |

|    |         |         |         |        |         |         |        |         |
|----|---------|---------|---------|--------|---------|---------|--------|---------|
| #1 | -.00035 | -.00051 | .00025  | .00045 | -.00003 | -.00004 | .01351 | -.00003 |
| #2 | -.00035 | -.00038 | -.00010 | .00033 | -.00016 | .00003  | .01620 | -.00011 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .00026 | .00047 | .00010 | .00099 | .00034 | .00465 | .00023 | .00017 |
| Stddev | .00007 | .00015 | .00007 | .00001 | .00027 | .01215 | .00011 | .00040 |
| %RSD   | 25.173 | 33.057 | 69.226 | 1.2601 | 79.760 | 261.24 | 48.980 | 235.95 |

|    |        |        |        |        |         |         |        |         |
|----|--------|--------|--------|--------|---------|---------|--------|---------|
| #1 | .00031 | .00036 | .00016 | .00098 | -.00054 | -.00394 | .00015 | .00046  |
| #2 | .00022 | .00058 | .00005 | .00099 | -.00015 | .01324  | .00031 | -.00011 |

|        |        |        |        |         |        |         |        |         |
|--------|--------|--------|--------|---------|--------|---------|--------|---------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_ 2924 | Zn2138 | K_ 7664 | Mo2020 | B_ 2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S   | Cts/S  | Cts/S   |
| Avg    | .00007 | .00005 | .00020 | .00027  | .10938 | .01365  | .00107 | .00004  |
| Stddev | .00008 | .00002 | .00014 | .00002  | .01249 | .00058  | .00028 | .00031  |
| %RSD   | 109.24 | 44.016 | 71.331 | 7.5845  | 11.417 | 4.2638  | 25.668 | 790.50  |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00012 | -.00007 | -.00010 | -.00029 | .11821 | -.01406 | .00127 | .00026  |
| #2 | -.00002 | -.00004 | -.00030 | -.00026 | .10055 | -.01324 | .00088 | -.00018 |

|        |         |        |        |        |        |         |        |  |
|--------|---------|--------|--------|--------|--------|---------|--------|--|
| 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    | .00070  | .02666 | .00037 | .00169 | .00211 | .0033   | .00343 |  |
| Stddev | .00008  | .00000 | .00008 | .00032 | .00050 | .0001   | .00003 |  |
| %RSD   | 11.931  | .00139 | 21.277 | 18.753 | 23.546 | 3.590   | .86207 |  |

|    |        |        |        |        |        |        |         |  |
|----|--------|--------|--------|--------|--------|--------|---------|--|
| #1 | .00076 | .02666 | .00043 | .00146 | .00176 | -.0034 | -.00341 |  |
| #2 | .00064 | .02666 | .00032 | .00191 | .00247 | -.0033 | -.00345 |  |

Sample Name: S0      Acquired: 1/13/2017 13:44:34      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 3845.4  | 58367.  | 3314.6  | 148.90 | 4391.3 |
| Stddev    | 9.5     | 35.     | 25.8    | .48    | 4.1    |
| %RSD      | .24588  | .06035  | .31022  | .31948 | .09375 |
| #1        | 3838.7  | 58392.  | 8332.8  | 149.23 | 4394.2 |
| #2        | 3852.1  | 58342.  | 8296.4  | 148.56 | 4388.4 |

Sample Name: S1      Acquired: 1/13/2017 13:48:42      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .00095 | .00423 | .00252 | .00222 | .00737 | .00077 | .41840 | .00667 | .01809 |
| Stddev | .00006 | .00013 | .00015 | .00008 | .00034 | .00005 | .00151 | .00002 | .00018 |
| %RSD   | 6.3744 | 2.9991 | 5.9431 | 3.5118 | 4.5483 | 6.1989 | .36086 | .25841 | .97540 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00099 | .00432 | .00241 | .00216 | .00761 | .00080 | .41947 | .00665 | .01822 |
| #2 | .00090 | .00414 | .00262 | .00227 | .00713 | .00074 | .41733 | .00668 | .01797 |

|        |        |        |        |        |        |        |        |         |        |
|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|
| 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    | .00195 | .03381 | .01136 | .12396 | .02658 | .02000 | .00199 | .00690  | 3.1010 |
| Stddev | .00002 | .00013 | .00001 | .00607 | .00003 | .00035 | .00009 | .00014  | .0281  |
| %RSD   | 1.1932 | .37623 | .12840 | 4.8988 | .12981 | 1.7519 | 4.5800 | 1.9808  | .90525 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00194 | .03390 | .01135 | .11967 | .02656 | .02024 | .00192 | .00699 | 3.1208 |
| #2 | .00197 | .03372 | .01137 | .12825 | .02661 | .01975 | .00205 | .00680 | 3.0811 |

|        |        |         |         |        |        |        |        |         |        |
|--------|--------|---------|---------|--------|--------|--------|--------|---------|--------|
| 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    | .13679 | .00245  | .00157  | .11887 | .00602 | .01411 | .02662 | .0011   | .19337 |
| Stddev | .00040 | .00032  | .00001  | .00015 | .00009 | .00041 | .00006 | .0002   | .00068 |
| %RSD   | .28894 | 13.065  | .79367  | .12520 | 1.4323 | 2.9236 | .23847 | 18.64   | .35170 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .13707 | .00268 | .00158 | .11876 | .00596 | .01440 | .02666 | -.0013 | .19385 |
| #2 | .13651 | .00222 | .00156 | .11897 | .00608 | .01381 | .02657 | -.0010 | .19289 |

|           |         |         |         |        |        |  |  |  |  |
|-----------|---------|---------|---------|--------|--------|--|--|--|--|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |  |  |  |  |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |  |  |  |  |
| Avg       | 3844.0  | 57977.  | 3263.4  | 148.55 | 1407.5 |  |  |  |  |
| Stddev    | 16.4    | 186.    | 16.9    | 1.89   | 15.4   |  |  |  |  |
| %RSD      | .42735  | .32045  | .20486  | 1.2744 | .34858 |  |  |  |  |

|    |        |        |        |        |        |  |  |  |  |
|----|--------|--------|--------|--------|--------|--|--|--|--|
| #1 | 3832.4 | 57845. | 8251.4 | 147.21 | 4396.7 |  |  |  |  |
| #2 | 3855.6 | 58108. | 8275.4 | 149.89 | 4418.4 |  |  |  |  |

Sample Name: S2      Acquired: 1/13/2017 13:52:51      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |         |
|--------|--------|--------|--------|---------|
| Elem   | Ca3736 | Mg2790 | Na5895 | K_ 7664 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |
| Avg    | .09477 | .02116 | .41110 | .10123  |
| Stddev | .00096 | .00016 | .00205 | .00105  |
| %RSD   | 1.0102 | .74665 | .49865 | 1.0369  |

|    |        |        |        |        |
|----|--------|--------|--------|--------|
| #1 | .09410 | .02128 | .40965 | .10197 |
| #2 | .09545 | .02105 | .41254 | .10049 |

|           |         |
|-----------|---------|
| Int. Std. | Y_ 3710 |
| Units     | Cts/S   |
| Avg       | 3314.5  |
| Stddev    | 3.1     |
| %RSD      | .03709  |

|    |        |
|----|--------|
| #1 | 8316.7 |
| #2 | 8312.3 |

Sample Name: S3      Acquired: 1/13/2017 13:56:50      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .15187 | .30404 | .57393 | .21114 | .37359 | .03646 | .20.174 | .14168 | 3.9195 |
| Stddev | .00012 | .00044 | .00131 | .00045 | .00081 | .00002 | .040    | .00018 | .0045  |
| %RSD   | .08017 | .14554 | .22902 | .21221 | .21732 | .05752 | .19623  | .12800 | .11560 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .15178 | .30373 | .57300 | .21146 | .37416 | .03644 | 20.202 | .14181 | 3.9163 |
| #2 | .15195 | .30435 | .57486 | .21082 | .37301 | .03647 | 20.146 | .14155 | 3.9227 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .59037 | .09520 | 1.3725 | .36450 | 2.9366 | 1.6265 | .13465 | .61679 | .14137 |
| Stddev | .00266 | .00022 | .0017  | .00018 | .0092  | .0001  | .00047 | .00021 | .00031 |
| %RSD   | .44973 | .23520 | .12439 | .04952 | .31466 | .00865 | .34774 | .03374 | .21921 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .59224 | .09536 | 1.3737 | .36437 | 2.9301 | 1.6266 | .13498 | .61664 | .14115 |
| #2 | .58849 | .09504 | 1.3713 | .36463 | 2.9432 | 1.6264 | .13432 | .61694 | .14159 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 2.6130 | .22648  | 94.587 | .70047  | 1.6383 | .06430  | .10627  | .67822 | .34888 |
| Stddev | .0023  | .00006  | .257   | .00225  | .0003  | .00021  | .00009  | .00173 | .00093 |
| %RSD   | .08840 | .02796  | .27215 | .32157  | .01642 | .32512  | .08271  | .25519 | .26552 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.6146 | .22652 | 94.769 | .70206 | 1.6381 | .06415 | .10620 | .67944 | .34823 |
| #2 | 2.6113 | .22643 | 94.405 | .69888 | 1.6385 | .06445 | .10633 | .67700 | .34954 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .75708 | 3.1508 | .2675   | 20.468 |
| Stddev | .00038 | .0024  | .0009   | .014   |
| %RSD   | .04996 | .07519 | .3353   | .07004 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .75735 | 3.1525 | .2669 | 20.458 |
| #2 | .75682 | 3.1492 | .2681 | 20.478 |

Sample Name: S3      Acquired: 1/13/2017 13:56:50      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 3780.8  | 57089.  | 3297.8  | 147.19 | 4262.1 |
| Stddev    | 16.4    | 107.    | 43.6    | .84    | 16.0   |
| %RSD      | .43293  | .18707  | .52555  | .57218 | .37632 |
| #1        | 3769.2  | 57014.  | 8267.0  | 146.60 | 4250.8 |
| #2        | 3792.4  | 57165.  | 8328.6  | 147.79 | 4273.5 |

Sample Name: S4      Acquired: 1/13/2017 14:00:39      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .30048 | .60047 | 1.1309 | .41670 | .71455 | .07171 | 40.201 | .27897 | 7.7256 |
| Stddev | .00068 | .00144 | .0003  | .00007 | .00166 | .00028 | .039   | .00086 | .0023  |
| %RSD   | .22711 | .24064 | .02478 | .01562 | .23175 | .38647 | .09635 | .30814 | .02939 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .30097 | .60150 | 1.1311 | .41675 | .71572 | .07152 | 40.174 | .27958 | 7.7272 |
| #2 | .30000 | .59945 | 1.1307 | .41665 | .71338 | .07191 | 40.229 | .27836 | 7.7240 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.1656 | .18108 | 2.7249 | .71512 | 5.5749 | 3.2107 | .26558 | 1.2134 | .28077 |
| Stddev | .0059  | .00046 | .0003  | .00137 | .0939  | .0010  | .00016 | .0000  | .00024 |
| %RSD   | .50673 | .25137 | .00918 | .19182 | 1.6846 | .03238 | .05949 | .00352 | .08574 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1615 | .18140 | 2.7251 | .71609 | 5.5085 | 3.2115 | .26546 | 1.2133 | .28094 |
| #2 | 1.1698 | .18076 | 2.7247 | .71415 | 5.6413 | 3.2100 | .26569 | 1.2134 | .28060 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 5.1831 | .44819  | 183.36 | 1.4184  | 3.2230 | .12408  | .21130  | 1.1536 | .68958 |
| Stddev | .0179  | .00049  | 1.22   | .0075   | .0027  | .00094  | .00035  | .0042  | .00068 |
| %RSD   | .34577 | .11037  | .66430 | .52956  | .08397 | .75646  | .16403  | .36165 | .09794 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 5.1704 | .44854 | 182.50 | 1.4131 | 3.2249 | .12341 | .21154 | 1.1507 | .69006 |
| #2 | 5.1958 | .44784 | 184.23 | 1.4237 | 3.2211 | .12474 | .21105 | 1.1566 | .68911 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 1.4825 | 5.2925 | .5377   | 39.944 |
| Stddev | .0033  | .0080  | .0002   | .047   |
| %RSD   | .22376 | .12627 | .0328   | .11723 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 1.4802 | 6.2869 | .5375 | 39.977 |
| #2 | 1.4849 | 6.2981 | .5378 | 39.911 |

Sample Name: S4      Acquired: 1/13/2017 14:00:39      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 3716.8  | 56612.  | 3248.5  | 146.96 | 4154.3 |
| Stddev    | 8.1     | 103.    | 11.2    | .96    | 4.2    |
| %RSD      | .21902  | .18117  | .13590  | .65405 | .10179 |
| #1        | 3711.0  | 56540.  | 8256.5  | 147.64 | 4151.3 |
| #2        | 3722.5  | 56685.  | 8240.6  | 146.28 | 4157.3 |

Sample Name: S5      Acquired: 1/13/2017 14:04:35      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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    | .60092 | 1.2009 | 2.2855 | .82729 | 1.4264 | .14402 | 78.880 | .54869 | 15.607 |
| Stddev | .00161 | .0015  | .0002  | .00273 | .0026  | .00050 | .167   | .00043 | .010   |
| %RSD   | .26812 | .12792 | .01065 | .32950 | .18368 | .34375 | .21192 | .07786 | .06370 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .59978 | 1.1998 | 2.2857 | .82536 | 1.4246 | .14367 | 78.998 | .54839 | 15.600 |
| #2 | .60206 | 1.2020 | 2.2854 | .82922 | 1.4283 | .14437 | 78.762 | .54899 | 15.614 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.2909 | .35169 | 5.5353 | 1.4097 | 11.207 | 3.2669 | .52760 | 2.4497 | .56151 |
| Stddev | .0025  | .00102 | .0012  | .0031  | .044   | .0055  | .00031 | .0002  | .00006 |
| %RSD   | .10847 | .29051 | .02089 | .21701 | .39548 | .08825 | .05792 | .00882 | .01140 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.2892 | .35097 | 5.5345 | 1.4075 | 11.176 | 6.2630 | .52781 | 2.4499 | .56155 |
| #2 | 2.2927 | .35241 | 5.5361 | 1.4118 | 11.239 | 6.2708 | .52738 | 2.4496 | .56146 |

|        |        |         |        |         |        |         |         |        |        |
|--------|--------|---------|--------|---------|--------|---------|---------|--------|--------|
| 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    | 10.310 | .88654  | 364.94 | 2.8447  | 3.3764 | .24332  | .43819  | 2.1810 | 1.3959 |
| Stddev | .010   | .00071  | 2.13   | .0018   | .0024  | .00065  | .00052  | .0009  | .0006  |
| %RSD   | .09718 | .08030  | .58402 | .06353  | .03835 | .26753  | .11854  | .04285 | .04689 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.317 | .88604 | 366.45 | 2.8460 | 6.3746 | .24379 | .43782 | 2.1804 | 1.3955 |
| #2 | 10.303 | .88705 | 363.43 | 2.8435 | 6.3781 | .24286 | .43856 | 2.1817 | 1.3964 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_ 1774 | Sr4077 |
| Units  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | 2.9288 | 12.532 | 1.102   | 77.763 |
| Stddev | .0047  | .005   | .002    | 1.094  |
| %RSD   | .15965 | .03867 | .1358   | 1.4063 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.9255 | 12.536 | 1.101 | 76.990 |
| #2 | 2.9321 | 12.529 | 1.103 | 78.536 |

Sample Name: S5      Acquired: 1/13/2017 14:04:35      Type: Cal  
Method: P4-ICP2(v1845)      Mode: IR      Corr. Factor: 1.000000  
User: JASWAL      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       | 3619.6  | 55707.  | 3242.1  | 141.82 | 3943.5 |
| Stddev    | 1.2     | 58.     | 26.4    | .95    | .9     |
| %RSD      | .03381  | .10328  | .32032  | .66970 | .02231 |
| #1        | 3620.5  | 55666.  | 8223.4  | 141.15 | 3942.9 |
| #2        | 3618.8  | 55747.  | 8260.8  | 142.49 | 3944.1 |

Sample Name: ICV01      Acquired: 1/13/2017 14:08:35      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICV01      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    | 1.0033 | .99936 | .97063 | .98085 | .96473 | 2.4470 | .50864 | .48354 | .48425 |
| Stddev | .0004  | .00238 | .00248 | .00765 | .00424 | .0129  | .00022 | .00131 | .00062 |
| %RSD   | .03720 | .23794 | .25532 | .78036 | .43980 | .52615 | .04369 | .27009 | .12808 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0030 | 1.0010 | .97239 | .98626 | .96773 | 2.4379 | .50848 | .48261 | .48469 |
| #2 | 1.0035 | .99768 | .96888 | .97543 | .96173 | 2.4561 | .50879 | .48446 | .48381 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 10.069 | .49178 | .49162 | .50984 | 4.9069 | .50732 | 3.0583 | .49570 | .49325 |
| Stddev | .037   | .00158 | .00095 | .00123 | .0244  | .00103 | .0028  | .00002 | .00259 |
| %RSD   | .37220 | .32228 | .19382 | .24100 | .49712 | .20241 | .04576 | .00432 | .52481 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 10.043 | .49291 | .49229 | .51071 | 4.8896 | .50659 | 6.0603 | .49568 | .49142 |
| #2 | 10.096 | .49066 | .49095 | .50897 | 4.9241 | .50804 | 6.0564 | .49571 | .49508 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.9266 | .49254 | 1.0129 | 9.9298 | 2.4814 | 2.4838 | 2.4263 | 2.4150 | 2.4138 |
| Stddev | .0027  | .00039 | .0051  | .0119  | .0056  | .0158  | .0013  | .0053  | .0015  |
| %RSD   | .02680 | .07858 | .50749 | .11989 | .22477 | .63681 | .05450 | .22101 | .06341 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.9285 | .49226 | 1.0092 | 9.9213 | 2.4853 | 2.4726 | 2.4272 | 2.4112 | 2.4149 |
| #2 | 9.9248 | .49281 | 1.0165 | 9.9382 | 2.4774 | 2.4950 | 2.4253 | 2.4188 | 2.4127 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.4715 | 2.6218 | 2.404  | 2.4826 |
| Stddev | .0053  | .0034  | .002   | .0038  |
| %RSD   | .21473 | .13153 | .0679  | .15287 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 2.4677 | 2.6193 | 2.403 | 2.4853 |
| #2 | 2.4753 | 2.6242 | 2.405 | 2.4799 |

Sample Name: ICV01      Acquired: 1/13/2017 14:08:35      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3742.0  | 57281.  | 3284.4  | 147.90 | 4312.0 |
| Stddev    | 11.6    | 221.    | 7.9     | .65    | 9.0    |
| %RSD      | .31047  | .38666  | .09583  | .43883 | .20881 |
| #1        | 3733.7  | 57437.  | 8290.0  | 148.36 | 4305.7 |
| #2        | 3750.2  | 57124.  | 8278.8  | 147.44 | 4318.4 |

Sample Name: LLICV01      Acquired: 1/13/2017 14:12:28      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .01935 | .03857 | .01083 | .02019 | .05163 | .11163 | .10269 | .00617 | .00572 |
| Stddev | .00230 | .00052 | .00027 | .00047 | .00106 | .00795 | .00055 | .00005 | .00002 |
| %RSD   | 11.872 | 1.3485 | 2.4643 | 2.3201 | 2.0600 | 7.1214 | .53773 | .84047 | .31520 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01773 | .03894 | .01102 | .02052 | .05238 | .11725 | .10308 | .00620 | .00573 |
| #2 | .02098 | .03821 | .01064 | .01986 | .05087 | .10601 | .10229 | .00613 | .00570 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0387 | .01027 | .02982 | .02097 | .11602 | .02079 | 2.0408 | .04076 | .00994 |
| Stddev | .0007  | .00003 | .00013 | .00010 | .01128 | .00014 | .0286  | .00019 | .00036 |
| %RSD   | .03556 | .27900 | .41978 | .49186 | 9.7199 | .68563 | 1.3995 | .46100 | 3.6345 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0392 | .01029 | .02973 | .02104 | .12399 | .02089 | 2.0610 | .04090 | .00968 |
| #2 | 2.0382 | .01025 | .02990 | .02089 | .10804 | .02069 | 2.0206 | .04063 | .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    | 2.0045 | .04104 | .04041 | 2.0675 | .21239 | .11940 | .01937 | .40113 | .04454 |
| Stddev | .0080  | .00007 | .00029 | .0332  | .00049 | .00429 | .00116 | .00126 | .00076 |
| %RSD   | .40018 | .18062 | .70779 | 1.6051 | .23181 | 3.5925 | 5.9948 | .31345 | 1.6965 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0102 | .04099 | .04062 | 2.0909 | .21274 | .12244 | .01855 | .40024 | .04507 |
| #2 | 1.9989 | .04109 | .04021 | 2.0440 | .21204 | .11637 | .02019 | .40202 | .04400 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04257 | .01950 | .0208  | .02463 |
| Stddev | .00125 | .00047 | .0003  | .00003 |
| %RSD   | 2.9371 | 2.4232 | 1.504  | .13442 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04346 | .01984 | .0210 | .02461 |
| #2 | .04169 | .01917 | .0206 | .02466 |

Sample Name: LLICV01      Acquired: 1/13/2017 14:12:28      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3780.8  | 57816.  | 3301.4  | 147.48 | 4383.2 |
| Stddev    | 1.5     | 283.    | 31.9    | .73    | 9.6    |
| %RSD      | .03998  | .49007  | .38412  | .49689 | .21834 |
| #1        | 3781.9  | 57616.  | 8278.9  | 146.96 | 4390.0 |
| #2        | 3779.7  | 58016.  | 8324.0  | 148.00 | 4376.5 |

Sample Name: ICB01      Acquired: 1/13/2017 14:16:33      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00197 | .00190 | .00020 | .00005 | .00085 | .00358 | .00043 | .00001 |
| Stddev | .00240 | .00013 | .00110 | .00188 | .00021 | .00463 | .00005 | .00002 |
| %RSD   | 121.81 | 7.0429 | 538.34 | 4021.7 | 24.873 | 129.39 | 11.126 | 226.63 |

|    |         |         |         |         |        |         |         |        |
|----|---------|---------|---------|---------|--------|---------|---------|--------|
| #1 | -.00367 | -.00180 | -.00099 | .00138  | .00100 | -.00030 | -.00047 | .00002 |
| #2 | -.00027 | -.00199 | .00058  | -.00128 | .00070 | -.00685 | -.00040 | .00000 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00019 | .00009 | .00002 | .00029 | .00347 | .00004 | .00531 |
| Stddev | .00005 | .01316 | .00053 | .00006 | .00003 | .00050 | .00003 | .01224 |
| %RSD   | 25.376 | 7106.9 | 621.02 | 239.06 | 10.947 | 14.513 | 78.529 | 230.30 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00021 | .00949  | -.00046 | .00006  | -.00032 | .00383 | -.00002 | -.01396 |
| #2 | -.00015 | -.00912 | .00029  | -.00002 | -.00027 | .00312 | -.00006 | .00334  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00015 | .00023 | .00646 | .00025 | .00087 | .05753 | .00100 | .00411 |
| Stddev | .00030 | .00017 | .00313 | .00042 | .00015 | .02331 | .00021 | .00205 |
| %RSD   | 194.99 | 75.528 | 48.525 | 164.84 | 16.774 | 40.515 | 21.446 | 49.923 |

|    |         |         |        |         |         |        |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|--------|
| #1 | .00037  | -.00035 | .00424 | -.00004 | -.00077 | .04105 | -.00085 | .00266 |
| #2 | -.00006 | -.00011 | .00868 | .00055  | -.00098 | .07401 | -.00115 | .00557 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00082 | .00286 | .00154 | .00064 | .00252 | .0004  | .00006 |
| Stddev | .00075 | .00082 | .00036 | .00093 | .00009 | .0005  | .00003 |
| %RSD   | 91.394 | 28.566 | 23.659 | 145.65 | 3.5238 | 137.5  | 56.482 |

|    |         |        |        |         |         |       |         |
|----|---------|--------|--------|---------|---------|-------|---------|
| #1 | -.00136 | .00228 | .00128 | -.00002 | -.00258 | .0000 | -.00004 |
| #2 | -.00029 | .00344 | .00180 | .00129  | -.00245 | .0008 | -.00009 |

Sample Name: ICB01      Acquired: 1/13/2017 14:16:33      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3786.2  | 57645.  | 3230.0  | 148.61 | 4339.9 |
| Stddev    | 9.1     | 165.    | 46.7    | .54    | 11.1   |
| %RSD      | .24096  | .28659  | .56702  | .36551 | .25650 |
| #1        | 3779.7  | 57528.  | 8197.0  | 148.23 | 4332.1 |
| #2        | 3792.6  | 57762.  | 8263.0  | 149.00 | 4347.8 |

Sample Name: CRI01      Acquired: 1/13/2017 14:20:41      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .01978 | .03828 | .01161 | .01822 | .05113 | .11184 | .10206 | .00615 | .00566 |
| Stddev | .00179 | .00011 | .00186 | .00143 | .00123 | .00146 | .00028 | .00002 | .00001 |
| %RSD   | 9.0621 | .28652 | 16.043 | 7.8297 | 2.4077 | 1.3036 | .27662 | .31831 | .14832 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01851 | .03836 | .01293 | .01923 | .05200 | .11081 | .10226 | .00616 | .00567 |
| #2 | .02105 | .03821 | .01029 | .01721 | .05026 | .11287 | .10186 | .00613 | .00566 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0508 | .01064 | .03009 | .02081 | .09748 | .02092 | 2.0550 | .04095 | .00986 |
| Stddev | .0218  | .00029 | .00011 | .00026 | .00798 | .00002 | .0177  | .00013 | .00052 |
| %RSD   | 1.0643 | 2.6943 | .37457 | 1.2542 | 8.1905 | .10664 | .86363 | .30824 | 5.2753 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0662 | .01084 | .03017 | .02100 | .10313 | .02093 | 2.0675 | .04104 | .01023 |
| #2 | 2.0353 | .01044 | .03001 | .02063 | .09184 | .02090 | 2.0424 | .04086 | .00949 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0185 | .04155 | .03955 | 2.0487 | .21256 | .11197 | .01723 | .40528 | .04198 |
| Stddev | .0061  | .00022 | .00029 | .0160  | .00006 | .00386 | .00084 | .00617 | .00061 |
| %RSD   | .30423 | .51970 | .73442 | .78308 | .02784 | 3.4505 | 4.8750 | 1.5225 | 1.4476 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0142 | .04140 | .03976 | 2.0601 | .21252 | .10924 | .01782 | .40092 | .04155 |
| #2 | 2.0229 | .04171 | .03935 | 2.0374 | .21260 | .11470 | .01663 | .40964 | .04241 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04279 | .01847 | .0202  | .02475 |
| Stddev | .00028 | .00094 | .0008  | .00002 |
| %RSD   | .64677 | 5.0638 | 4.075  | .09975 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04298 | .01913 | .0196 | .02473 |
| #2 | .04259 | .01781 | .0207 | .02477 |

Sample Name: CRI01      Acquired: 1/13/2017 14:20:41      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3787.3  | 57410.  | 3251.9  | 150.60 | 4373.6 |
| Stddev    | 6.8     | 452.    | 37.2    | 1.09   | 9.2    |
| %RSD      | .18013  | .78788  | .45112  | .72561 | .21092 |
| #1        | 3782.5  | 57090.  | 8225.6  | 149.83 | 4367.1 |
| #2        | 3792.1  | 57730.  | 8278.2  | 151.38 | 4380.1 |

Sample Name: IC5A01      Acquired: 1/13/2017 14:24:46      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: IC5A01      Custom ID2:      Custom ID3:  
Comment:

|        |         |         |         |         |         |         |         |
|--------|---------|---------|---------|---------|---------|---------|---------|
| Elem   | As1890  | Tl1908  | Pb2203  | Se1960  | Sb2068  | Al3961  | Ba4934  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00549  | .00118  | .00156  | .00321  | .00067  | .270.85 | .00549  |
| Stddev | .00120  | .00025  | .00022  | .00314  | .00071  | 2.12    | .00065  |
| %RSD   | 21.814  | 21.624  | 13.799  | 97.714  | 106.80  | .78402  | 11.824  |
| #1     | .00464  | .00100  | .00172  | .00543  | -.00117 | 269.35  | .00595  |
| #2     | .00633  | .00136  | .00141  | .00099  | -.00016 | 272.36  | .00503  |
| Elem   | Be2348  | Cd2265  | Ca3736  | Cr2677  | Co2286  | Cu2247  | Fe2404  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .00021  | .00326  | .239.54 | .04606  | .00011  | .01323  | .37.365 |
| Stddev | .00008  | .00011  | .12     | .00041  | .00014  | .00018  | 1.573   |
| %RSD   | 40.602  | 3.4162  | .05205  | .89036  | 120.95  | 1.3304  | 1.6156  |
| #1     | -.00015 | .00334  | 239.63  | .04577  | -.00002 | -.01310 | 96.252  |
| #2     | -.00027 | .00318  | 239.45  | .04635  | -.00021 | -.01335 | 98.477  |
| Elem   | Mn2576  | Mg2790  | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .01895  | .258.92 | .00292  | .00468  | .02804  | .00230  | .00056  |
| Stddev | .00014  | .07     | .00035  | .00027  | .00562  | .00024  | .00015  |
| %RSD   | .73004  | .02537  | 11.933  | 5.7669  | 20.057  | 10.342  | 27.430  |
| #1     | .01885  | 258.97  | .00317  | -.00449 | .02407  | .00246  | .00066  |
| #2     | .01905  | 258.87  | .00267  | -.00487 | .03202  | .00213  | .00045  |
| Elem   | K_7664  | Mo2020  | B_2496  | S_1820  | Si2881  | Sn1899  | Ti3361  |
| Units  | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     | ppm     |
| Avg    | .07189  | .00123  | .03350  | .01390  | .00293  | .00197  | .00010  |
| Stddev | .03809  | .00041  | .00490  | .00007  | .00118  | .00153  | .00025  |
| %RSD   | 52.981  | 33.076  | 14.627  | .51999  | 40.272  | 77.558  | 243.08  |
| #1     | .04496  | -.00151 | .03004  | -.01396 | -.00209 | .00089  | .00007  |
| #2     | .09883  | -.00094 | .03697  | -.01385 | -.00376 | .00305  | -.00028 |

Sample Name: ICSA01      Acquired: 1/13/2017 14:24:46      Type: Unk  
 Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
 Comment:

|        |        |        |         |
|--------|--------|--------|---------|
| Elem   | Li6707 | P_1774 | Sr4077  |
| Units  | ppm    | ppm    | ppm     |
| Avg    | .00179 | .0050  | F.08603 |
| Stddev | .00071 | .0002  | .00036  |
| %RSD   | 39.544 | 3.745  | .42168  |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .00229 | .0051 | .08577 |
| #2 | .00129 | .0049 | .08629 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3465.6  | 52883.  | 3162.6  | 138.07 | 3744.1 |
| Stddev    | 3.8     | 56.     | 37.9    | 1.70   | 1.3    |
| %RSD      | .11053  | .10679  | .46453  | 1.2278 | .03404 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3462.9 | 52923. | 8135.8 | 139.27 | 3745.0 |
| #2 | 3468.3 | 52843. | 8189.4 | 136.88 | 3743.2 |

Sample Name: ICSAB01      Acquired: 1/13/2017 14:28:57      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: ICSAB01      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    | .10535 | .09999 | .04913 | .05008 | .60242 | .271.54 | .50705 | .52972 | 1.0039 |
| Stddev | .00042 | .00168 | .00183 | .00171 | .00590 | .34     | .00682 | .00227 | .0041  |
| %RSD   | .40106 | 1.6777 | 3.7203 | 3.4050 | .97876 | .12595  | 1.3447 | .42905 | .40771 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .10505 | .10117 | .05042 | .04887 | .59825 | 271.79 | .50223 | .53133 | 1.0010 |
| #2 | .10565 | .09880 | .04784 | .05128 | .60659 | 271.30 | .51187 | .52811 | 1.0068 |

|        |         |        |        |        |         |        |         |        |        |
|--------|---------|--------|--------|--------|---------|--------|---------|--------|--------|
| Elem   | Ca3736  | Cr2677 | Co2286 | Cu2247 | Fe2404  | Mn2576 | Mg2790  | Ni2316 | Ag3280 |
| Units  | ppm     | ppm    | ppm    | ppm    | ppm     | ppm    | ppm     | ppm    | ppm    |
| Avg    | .239.47 | .54514 | .50398 | .48266 | .39.229 | .53083 | .257.87 | .99466 | .20918 |
| Stddev | 3.63    | .00002 | .00158 | .00050 | 4.009   | .00272 | 5.16    | .00443 | .00046 |
| %RSD   | 1.5167  | .00448 | .31287 | .10335 | 4.0402  | .51249 | 2.0004  | .44584 | .22110 |

|    |         |        |        |        |        |        |        |        |        |
|----|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .236.91 | .54512 | .50287 | .48230 | 96.394 | .53275 | 254.22 | .99152 | .20951 |
| #2 | .242.04 | .54516 | .50510 | .48301 | 102.06 | .52890 | 261.52 | .99779 | .20886 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .02106 | .50458 | 1.0467 | .04767 | 1.0195 | 1.0436 | 1.1502 | .93948 | 1.0496 |
| Stddev | .00333 | .00181 | .0438  | .03007 | .0050  | .0201  | .0034  | .01273 | .0045  |
| %RSD   | 15.795 | .35944 | 4.1816 | 63.093 | .49547 | 1.9281 | .29676 | 1.3554 | .42441 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02341 | .50586 | 1.0157 | .06893 | 1.0159 | 1.0294 | 1.1478 | .93048 | 1.0465 |
| #2 | .01871 | .50330 | 1.0776 | .02640 | 1.0231 | 1.0578 | 1.1526 | .94848 | 1.0528 |

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| Elem   | Ti3361 | Li6707 | P_1774  | Sr4077 |
| Units  | ppm    | ppm    | ppm     | ppm    |
| Avg    | .98010 | 1.1030 | F 1.102 | 1.0625 |
| Stddev | .01525 | .0175  | .005    | .0137  |
| %RSD   | 1.5558 | 1.5860 | .4689   | 1.2897 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .96932 | 1.0906 | 1.099 | 1.0528 |
| #2 | .99089 | 1.1153 | 1.106 | 1.0722 |

Sample Name: ICSAB01      Acquired: 1/13/2017 14:28:57      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3438.4  | 52288.  | 3101.9  | 133.76 | 3672.5 |
| Stddev    | .9      | 78.     | 114.2   | 5.06   | 1.3    |
| %RSD      | .02540  | .14823  | 1.4094  | 3.7826 | .03509 |
| #1        | 3439.0  | 52233.  | 8182.6  | 137.34 | 3673.4 |
| #2        | 3437.8  | 52343.  | 8021.1  | 130.18 | 3671.6 |

Sample Name: CCV01      Acquired: 1/13/2017 14:31:52      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | 4.9922 | 4.9245 | 4.9253 | 4.9699 | 4.9503 | 9.8759 | 10.039 | 25164  | 2.4632 |
| Stddev | .0245  | .0028  | .0119  | .0117  | .0029  | .0326  | .000   | .00044 | .0003  |
| %RSD   | .48969 | .05663 | .24140 | .23485 | .05909 | .33006 | .00163 | .17495 | .01080 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.0095 | 4.9264 | 4.9169 | 4.9782 | 4.9524 | 9.8529 | 10.039 | 25132 | 2.4634 |
| #2 | 4.9749 | 4.9225 | 4.9337 | 4.9617 | 4.9482 | 9.8990 | 10.039 | 25195 | 2.4630 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 24.958 | 1.0007 | 2.4601 | 1.2515 | 5.0071 | 2.5174 | 25.042 | 2.4678 | 1.2400 |
| Stddev | .029   | .0006  | .0002  | .0005  | .0444  | .0008  | .006   | .0009  | .0003  |
| %RSD   | .11818 | .06245 | .00947 | .03678 | .88713 | .03035 | .02431 | .03485 | .02013 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.938 | 1.0011 | 2.4602 | 1.2512 | 4.9757 | 2.5169 | 25.038 | 2.4672 | 1.2401 |
| #2 | 24.979 | 1.0002 | 2.4599 | 1.2518 | 5.0385 | 2.5180 | 25.047 | 2.4684 | 1.2398 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.732 | 2.4986 | 2.5280 | 24.801 | 5.0004 | 4.9574 | 4.9291 | 4.9170 | 4.9288 |
| Stddev | .070   | .0023  | .0250  | .005   | .0005  | .0076  | .0115  | .0085  | .0027  |
| %RSD   | .28451 | .09158 | .98821 | .01940 | .00973 | .15357 | .23269 | .17304 | .05396 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.682 | 2.5002 | 2.5103 | 24.797 | 5.0008 | 4.9628 | 4.9372 | 4.9109 | 4.9307 |
| #2 | 24.781 | 2.4970 | 2.5457 | 24.804 | 5.0001 | 4.9520 | 4.9210 | 4.9230 | 4.9269 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9885 | 4.9894 | 4.904  | 4.9537 |
| Stddev | .0176  | .0052  | .007   | .0106  |
| %RSD   | .35208 | .10354 | .1394  | .21395 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9761 | 4.9930 | 4.909 | 4.9612 |
| #2 | 5.0009 | 4.9857 | 4.899 | 4.9462 |

Sample Name: CCV01      Acquired: 1/13/2017 14:31:52      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3722.0  | 56721.  | 3309.4  | 145.26 | 4178.6 |
| Stddev    | 5.4     | 70.     | 4.8     | 1.38   | 3.5    |
| %RSD      | .14558  | .12404  | .05755  | .94812 | .08457 |
| #1        | 3718.2  | 56671.  | 8312.8  | 146.23 | 4176.1 |
| #2        | 3725.8  | 56771.  | 8306.0  | 144.28 | 4181.1 |

Sample Name: LLCCV01      Acquired: 1/13/2017 14:35:46      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .02176 | .03864 | .01104 | .02174 | .05089 | .10196 | .10150 | .00612 | .00566 |
| Stddev | .00417 | .00203 | .00028 | .00044 | .00115 | .00433 | .00032 | .00004 | .00008 |
| %RSD   | 19.183 | 5.2471 | 2.5770 | 2.0243 | 2.2615 | 4.2490 | .31635 | .63014 | 1.3257 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .02471 | .04007 | .01084 | .02143 | .05170 | .10502 | .10173 | .00615 | .00571 |
| #2 | .01881 | .03721 | .01124 | .02206 | .05008 | .09889 | .10128 | .00610 | .00560 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 2.0548 | .01043 | .02977 | .02052 | .12379 | .02067 | 2.0380 | .04035 | .00956 |
| Stddev | .0210  | .00005 | .00020 | .00022 | .00088 | .00014 | .0077  | .00042 | .00059 |
| %RSD   | 1.0211 | .51674 | .66203 | 1.0777 | .70734 | .68263 | .37792 | 1.0433 | 6.1828 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.0399 | .01047 | .02963 | .02037 | .12441 | .02077 | 2.0435 | .04065 | .00914 |
| #2 | 2.0696 | .01039 | .02991 | .02068 | .12317 | .02057 | 2.0326 | .04006 | .00997 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.0035 | .04057 | .04048 | 2.0463 | .21060 | .11182 | .01860 | .40466 | .04324 |
| Stddev | .0056  | .00004 | .00079 | .0092  | .00079 | .00177 | .00020 | .00035 | .00075 |
| %RSD   | .27681 | .08651 | 1.9436 | .44929 | .37438 | 1.5856 | 1.0754 | .08588 | 1.7258 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9996 | .04060 | .03992 | 2.0398 | .21116 | .11307 | .01846 | .40490 | .04377 |
| #2 | 2.0074 | .04055 | .04103 | 2.0528 | .21004 | .11057 | .01874 | .40441 | .04271 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04228 | .01888 | .0201  | .02454 |
| Stddev | .00029 | .00017 | .0009  | .00014 |
| %RSD   | .68287 | .87818 | 4.484  | .58553 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .04208 | .01876 | .0195 | .02444 |
| #2 | .04249 | .01899 | .0207 | .02464 |

Sample Name: LLCCV01      Acquired: 1/13/2017 14:35:46      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3817.9  | 57907.  | 3259.8  | 147.30 | 4405.3 |
| Stddev    | 4.4     | 162.    | 13.5    | 2.14   | 1.5    |
| %RSD      | .11442  | .28005  | .16293  | 1.4554 | .03300 |
| #1        | 3814.8  | 57792.  | 8269.3  | 148.82 | 4406.4 |
| #2        | 3821.0  | 58021.  | 8250.2  | 145.79 | 4404.3 |

Sample Name: CCB01      Acquired: 1/13/2017 14:39:55      Type: Unk  
 Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      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    | .00064 | .00214 | .00034 | .00004 | .00116 | .00148 | .00028 | .00003 |
| Stddev | .00112 | .00102 | .00151 | .00115 | .00144 | .00342 | .00003 | .00000 |
| %RSD   | 175.49 | 47.466 | 438.09 | 2781.6 | 124.75 | 230.86 | 10.009 | 5.2554 |

|    |         |         |         |         |        |         |         |         |
|----|---------|---------|---------|---------|--------|---------|---------|---------|
| #1 | .00015  | -.00286 | -.00072 | .00077  | .00014 | .00390  | -.00026 | -.00003 |
| #2 | -.00144 | -.00142 | .00141  | -.00085 | .00218 | -.00094 | -.00030 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00017 | .00276 | .00021 | .00007 | .00011 | .00571 | .00001 | .01617 |
| Stddev | .00002 | .00940 | .00009 | .00015 | .00003 | .00215 | .00000 | .00596 |
| %RSD   | 13.283 | 340.82 | 43.615 | 209.33 | 32.740 | 37.586 | 4.0007 | 36.846 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00019 | -.00389 | -.00015 | .00003  | -.00008 | .00723 | -.00001 | -.01196 |
| #2 | -.00016 | .00941  | -.00028 | -.00018 | -.00013 | .00419 | -.00001 | -.02039 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00001 | .00052 | .00383 | .00008 | .00089 | .02408 | .00103 | .00881 |
| Stddev | .00053 | .00027 | .00296 | .00018 | .00011 | .01262 | .00003 | .00712 |
| %RSD   | 7608.2 | 52.049 | 77.230 | 233.89 | 12.747 | 52.417 | 2.5060 | 80.858 |

|    |         |         |        |         |         |        |         |        |
|----|---------|---------|--------|---------|---------|--------|---------|--------|
| #1 | -.00038 | -.00033 | .00174 | -.00005 | -.00081 | .01515 | -.00101 | .01384 |
| #2 | .00037  | -.00071 | .00592 | .00020  | -.00097 | .03300 | -.00105 | .00377 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00071 | .00362 | .00096 | .00046 | .00153 | .0010  | .00010 |
| Stddev | .00083 | .00041 | .00034 | .00112 | .00053 | .0015  | .00002 |
| %RSD   | 116.45 | 11.271 | 35.531 | 244.92 | 34.604 | 151.9  | 20.052 |

|    |        |        |        |         |         |        |         |
|----|--------|--------|--------|---------|---------|--------|---------|
| #1 | .00013 | .00390 | .00120 | -.00034 | -.00115 | .0020  | -.00011 |
| #2 | .00130 | .00333 | .00072 | .00125  | -.00190 | -.0001 | -.00008 |

Sample Name: CCB01      Acquired: 1/13/2017 14:39:55      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3810.7  | 57862.  | 3238.4  | 147.78 | 4379.3 |
| Stddev    | 14.2    | 173.    | 32.0    | .01    | 5.1    |
| %RSD      | .37386  | .29833  | .38827  | .00653 | .11679 |
| #1        | 3800.6  | 57740.  | 8261.0  | 147.77 | 4375.7 |
| #2        | 3820.7  | 57984.  | 8215.7  | 147.78 | 4382.9 |

Sample Name: PB95990BL      Acquired: 1/13/2017 14:44:06      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00323 | .00179 | .00086 | .00024 | .00032 | .00178 | .00028 | .00005 |
| Stddev | .00002 | .00008 | .00162 | .00035 | .00057 | .00161 | .00021 | .00002 |
| %RSD   | .55017 | 4.4475 | 188.02 | 142.10 | 180.64 | 90.447 | 75.561 | 37.139 |

|    |         |         |         |         |         |         |         |         |
|----|---------|---------|---------|---------|---------|---------|---------|---------|
| #1 | -.00324 | -.00185 | .00028  | .00000  | .00072  | -.00064 | -.00043 | -.00006 |
| #2 | -.00321 | -.00173 | -.00201 | -.00049 | -.00009 | -.00291 | -.00013 | -.00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00067 | .00026 | .00009 | .00007 | .00976 | .00006 | .00803 |
| Stddev | .00001 | .00262 | .00015 | .00017 | .00045 | .01172 | .00002 | .01952 |
| %RSD   | 5.3570 | 388.18 | 55.505 | 183.45 | 683.05 | 120.17 | 35.798 | 243.07 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00020 | .00252  | -.00016 | -.00021 | .00025  | .01804 | -.00005 | -.02184 |
| #2 | -.00021 | -.00118 | -.00037 | .00003  | -.00039 | .00147 | -.00008 | .00577  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00028 | .00040 | .00465 | .00001 | .00103 | .03804 | .00090 | .00196 |
| Stddev | .00019 | .00046 | .01041 | .00011 | .00014 | .01495 | .00002 | .00308 |
| %RSD   | 69.226 | 115.64 | 224.05 | 918.84 | 13.338 | 39.297 | 2.4411 | 157.49 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00014 | -.00007 | .01201  | .00009  | -.00093 | .02747 | -.00092 | .00414  |
| #2 | -.00042 | -.00072 | -.00272 | -.00007 | -.00113 | .04861 | -.00089 | -.00022 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00032 | .00062 | .00067 | .00060 | .00158 | .0013  | .00011 |  |
| Stddev | .00072 | .00221 | .00113 | .00085 | .00042 | .0004  | .00006 |  |
| %RSD   | 227.48 | 358.71 | 169.22 | 141.76 | 26.862 | 29.25  | 56.318 |  |

|    |         |         |         |        |         |       |         |  |
|----|---------|---------|---------|--------|---------|-------|---------|--|
| #1 | -.00082 | -.00218 | -.00013 | .00000 | -.00128 | .0016 | -.00016 |  |
| #2 | .00019  | .00095  | .00147  | .00120 | -.00187 | .0011 | -.00007 |  |

Sample Name: PB95990BL      Acquired: 1/13/2017 14:44:06      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3817.7  | 57845.  | 3264.4  | 146.46 | 4382.5 |
| Stddev    | 8.2     | 66.     | 54.9    | .04    | 14.6   |
| %RSD      | .21489  | .11434  | .66391  | .02414 | .33265 |
| #1        | 3811.9  | 57891.  | 8303.2  | 146.49 | 4372.2 |
| #2        | 3823.5  | 57798.  | 8225.6  | 146.44 | 4392.8 |

Sample Name: PB95991BL      Acquired: 1/13/2017 14:48:16      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00124 | .00104 | .00105 | .00004 | .00211 | .00407 | .00018 | .00001 |
| Stddev | .00215 | .00004 | .00027 | .00047 | .00058 | .00284 | .00003 | .00004 |
| %RSD   | 173.29 | 3.4186 | 26.035 | 1115.7 | 27.528 | 69.665 | 14.455 | 560.87 |

|    |         |         |         |         |        |        |         |         |
|----|---------|---------|---------|---------|--------|--------|---------|---------|
| #1 | -.00028 | -.00107 | -.00124 | .00038  | .00253 | .00608 | -.00016 | -.00002 |
| #2 | .00276  | -.00102 | -.00085 | -.00029 | .00170 | .00207 | -.00020 | .00003  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00020 | .00338 | .00030 | .00008 | .00070 | .00391 | .00011 | .02090 |
| Stddev | .00001 | .00511 | .00027 | .00008 | .00000 | .00171 | .00000 | .00626 |
| %RSD   | 3.7301 | 151.16 | 90.952 | 100.62 | .37625 | 43.720 | .71301 | 29.963 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00019 | .00023  | -.00049 | .00002 | -.00070 | .00270 | -.00011 | -.02533 |
| #2 | -.00020 | -.00700 | -.00011 | .00013 | -.00070 | .00512 | -.00011 | -.01647 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00022 | .00067 | .00001 | .00021 | .00097 | .05900 | .00119 | .00545 |
| Stddev | .00011 | .00015 | .00336 | .00025 | .00000 | .02682 | .00009 | .00116 |
| %RSD   | 49.766 | 22.332 | 38107. | 118.32 | .12527 | 45.453 | 7.8139 | 21.370 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00014 | -.00078 | .00238  | -.00039 | -.00097 | .07797 | -.00112 | .00627 |
| #2 | -.00030 | -.00057 | -.00237 | -.00004 | -.00097 | .04004 | -.00125 | .00462 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00002 | .00128 | .00039 | .00061 | .00223 | .0015  | .00011 |  |
| Stddev | .00165 | .00379 | .00068 | .00042 | .00100 | .0009  | .00005 |  |
| %RSD   | 7438.7 | 296.14 | 172.48 | 68.104 | 44.857 | 58.19  | 49.999 |  |

|    |         |         |         |         |         |       |         |  |
|----|---------|---------|---------|---------|---------|-------|---------|--|
| #1 | -.00114 | -.00140 | -.00009 | -.00091 | -.00153 | .0021 | -.00007 |  |
| #2 | .00119  | .00396  | .00087  | -.00032 | -.00294 | .0009 | -.00015 |  |

Sample Name: PB95991BL      Acquired: 1/13/2017 14:48:16      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3802.2  | 57712.  | 3235.4  | 146.40 | 4385.8 |
| Stddev    | 20.3    | 173.    | 14.4    | .44    | 2.2    |
| %RSD      | .53416  | .29962  | .17477  | .30298 | .05020 |
| #1        | 3787.8  | 57590.  | 8225.2  | 146.71 | 4384.2 |
| #2        | 3816.5  | 57835.  | 8245.6  | 146.08 | 4387.4 |

Sample Name: PB95992BL      Acquired: 1/13/2017 14:52:26      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00150 | .00103 | .00047 | .00001 | .00017 | .00714 | .00003 | .00009 |
| Stddev | .00029 | .00281 | .00077 | .00053 | .00085 | .00496 | .00002 | .00006 |
| %RSD   | 19.640 | 274.25 | 164.28 | 3814.2 | 490.81 | 69.430 | 54.551 | 70.829 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00171 | .00096  | -.00101 | -.00036 | -.00043 | .00364 | -.00004 | .00013 |
| #2 | -.00129 | -.00302 | .00008  | .00039  | .00077  | .01065 | -.00002 | .00004 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .00423 | .00006 | .00007 | .00044 | .01057 | .00009 | .00640 |
| Stddev | .00006 | .00242 | .00035 | .00006 | .00011 | .00826 | .00006 | .00411 |
| %RSD   | 33.558 | 57.354 | 625.68 | 93.008 | 24.202 | 78.164 | 72.398 | 64.252 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00020 | -.00251 | .00019  | -.00011 | -.00052 | .00473 | -.00013 | .00931 |
| #2 | -.00013 | -.00594 | -.00030 | -.00002 | -.00037 | .01641 | -.00004 | .00349 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00026 | .00034 | .00523 | .00026 | .00100 | .05131 | .00131 | .00589 |
| Stddev | .00004 | .00079 | .00073 | .00012 | .00006 | .00225 | .00001 | .00137 |
| %RSD   | 15.176 | 231.58 | 13.997 | 46.977 | 5.9522 | 4.3826 | 1.1093 | 23.169 |

|    |         |         |        |        |         |        |         |        |
|----|---------|---------|--------|--------|---------|--------|---------|--------|
| #1 | -.00029 | .00022  | .00471 | .00017 | -.00096 | .05290 | -.00130 | .00686 |
| #2 | -.00024 | -.00090 | .00574 | .00035 | -.00104 | .04972 | -.00132 | .00493 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00235 | .00092 | .00027 | .00059 | .00166 | .0008  | .00003 |  |
| Stddev | .00131 | .00010 | .00001 | .00007 | .00047 | .0008  | .00000 |  |
| %RSD   | 55.944 | 10.443 | 4.7265 | 12.107 | 28.624 | 96.69  | 6.6858 |  |

|    |         |        |        |         |         |       |         |  |
|----|---------|--------|--------|---------|---------|-------|---------|--|
| #1 | -.00142 | .00085 | .00028 | -.00054 | -.00132 | .0014 | -.00004 |  |
| #2 | -.00327 | .00099 | .00026 | -.00064 | -.00199 | .0003 | -.00003 |  |

Sample Name: PB95992BL      Acquired: 1/13/2017 14:52:26      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3828.5  | 57909.  | 3274.9  | 150.63 | 4392.8 |
| Stddev    | 1.0     | 302.    | 44.7    | 1.39   | 9.6    |
| %RSD      | .02489  | .52068  | .54076  | .91964 | .21946 |
| #1        | 3829.2  | 57696.  | 8243.2  | 149.65 | 4399.6 |
| #2        | 3827.8  | 58123.  | 8306.5  | 151.61 | 4386.0 |

Sample Name: H6103-05      Acquired: 1/13/2017 14:56:33      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010WATE 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    | .00351 | .00851 | .00314 | .00734 | .01205 | .02652 | .02568 | .00150 | .00128 |
| Stddev | .00227 | .00028 | .00002 | .00250 | .00041 | .00037 | .00051 | .00000 | .00014 |
| %RSD   | 64.575 | 3.3482 | .69808 | 34.122 | 3.3815 | 1.3880 | 1.9741 | .12916 | 10.954 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00512 | .00830 | .00316 | .00911 | .01233 | .02626 | .02532 | .00149 | .00138 |
| #2 | .00191 | .00871 | .00313 | .00557 | .01176 | .02678 | .02604 | .00150 | .00118 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51735 | .00246 | .00777 | .00511 | .02354 | .00522 | .49809 | .01046 | .00227 |
| Stddev | .00865 | .00015 | .00001 | .00014 | .00166 | .00008 | .01092 | .00055 | .00006 |
| %RSD   | 1.6711 | 6.1279 | .14613 | 2.8204 | 7.0460 | 1.4894 | 2.1926 | 5.2880 | 2.6415 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51124 | .00236 | .00778 | .00500 | .02471 | .00528 | .50582 | .01007 | .00231 |
| #2 | .52347 | .00257 | .00776 | .00521 | .02237 | .00517 | .49037 | .01085 | .00222 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .51668 | .01031 | .00933 | .53331 | .05253 | .02758 | .00417 | .10196 | .01037 |
| Stddev | .00313 | .00010 | .00003 | .01007 | .00041 | .00742 | .00068 | .00242 | .00014 |
| %RSD   | .60589 | .96862 | .32247 | 1.8888 | .77637 | 26.903 | 16.336 | 2.3723 | 1.3862 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51446 | .01038 | .00931 | .52618 | .05282 | .02233 | .00465 | .10025 | .01027 |
| #2 | .51889 | .01024 | .00935 | .54043 | .05225 | .03282 | .00369 | .10367 | .01047 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01005 | .00319 | .0068  | .00614 |
| Stddev | .00085 | .00049 | .0007  | .00003 |
| %RSD   | 8.4648 | 15.290 | 9.693  | .43058 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .00945 | .00353 | .0063 | .00612 |
| #2 | .01066 | .00284 | .0072 | .00615 |

Sample Name: H6103-05      Acquired: 1/13/2017 14:56:33      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010WATE 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       | 3782.2  | 57370.  | 3174.9  | 147.64 | 4340.2 |
| Stddev    | 5.9     | 76.     | 21.6    | .85    | 11.5   |
| %RSD      | .15552  | .13175  | .26366  | .57254 | .26398 |
| #1        | 3778.0  | 57317.  | 8159.6  | 148.24 | 4332.1 |
| #2        | 3786.4  | 57424.  | 8190.1  | 147.05 | 4348.3 |

Sample Name: H6103-05RE      Acquired: 1/13/2017 15:00:39      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010WATE 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    | .00567 | .01177 | .00307 | .00590 | .01682 | .04220 | .03426 | .00205 | .00179 |
| Stddev | .00222 | .00020 | .00032 | .00020 | .00051 | .00131 | .00003 | .00001 | .00004 |
| %RSD   | 39.104 | 1.6845 | 10.509 | 3.4014 | 3.0041 | 3.1140 | .09842 | .57225 | 2.0897 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00410 | .01191 | .00330 | .00604 | .01646 | .04313 | .03424 | .00206 | .00176 |
| #2 | .00724 | .01163 | .00285 | .00575 | .01718 | .04127 | .03428 | .00204 | .00181 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .69541 | .00332 | .01017 | .00642 | .03087 | .00691 | .66921 | .01391 | .00314 |
| Stddev | .00615 | .00034 | .00005 | .00025 | .00967 | .00005 | .02381 | .00029 | .00024 |
| %RSD   | .88391 | 10.313 | .53952 | 3.8411 | 31.339 | .76548 | 3.5583 | 2.0597 | 7.6316 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .69107 | .00308 | .01013 | .00624 | .03771 | .00694 | .68605 | .01371 | .00297 |
| #2 | .69976 | .00356 | .01021 | .00659 | .02403 | .00687 | .65237 | .01411 | .00331 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .66837 | .01374 | .02164 | .68016 | .06943 | .04068 | .00614 | .13678 | .01370 |
| Stddev | .00324 | .00047 | .00009 | .00984 | .00011 | .00299 | .00081 | .00195 | .00057 |
| %RSD   | .48530 | 3.4362 | .43452 | 1.4470 | .16331 | 7.3458 | 13.234 | 1.4229 | 4.1903 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .67066 | .01341 | .02171 | .68712 | .06951 | .03857 | .00671 | .13541 | .01411 |
| #2 | .66607 | .01408 | .02158 | .67320 | .06935 | .04280 | .00556 | .13816 | .01330 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01406 | .00557 | .0088  | .00821 |
| Stddev | .00070 | .00083 | .0003  | .00012 |
| %RSD   | 4.9945 | 14.988 | 3.858  | 1.4602 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .01456 | .00498 | .0091 | .00813 |
| #2 | .01357 | .00616 | .0086 | .00830 |

Sample Name: H6103-05RE      Acquired: 1/13/2017 15:00:39      Type: Unk  
 Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LOD 6010WATE 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       | 3824.5  | 57832.  | 3282.0  | 146.63 | 4375.0 |
| Stddev    | 8.4     | 169.    | 18.5    | 2.80   | 3.6    |
| %RSD      | .21867  | .29199  | .22323  | 1.9093 | .08250 |
| #1        | 3818.6  | 57712.  | 8268.9  | 144.65 | 4372.5 |
| #2        | 3830.4  | 57951.  | 8295.1  | 148.60 | 4377.6 |

Sample Name: H6103-05RE2      Acquired: 1/13/2017 15:04:51      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010WATE 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    | .01105 | .01820 | .00455 | .01155 | .02630 | .06481 | .05084 | .00310 | .00282 |
| Stddev | .00142 | .00210 | .00100 | .00024 | .00074 | .00059 | .00036 | .00002 | .00008 |
| %RSD   | 12.827 | 11.515 | 21.958 | 2.1041 | 2.8116 | .91109 | .71617 | .62393 | 2.8890 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01005 | .01968 | .00385 | .01137 | .02578 | .06439 | .05110 | .00312 | .00288 |
| #2 | .01206 | .01672 | .00526 | .01172 | .02683 | .06523 | .05058 | .00309 | .00276 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0280 | .00509 | .01498 | .01091 | .06047 | .01041 | .99181 | .02039 | .00444 |
| Stddev | .0017  | .00025 | .00013 | .00043 | .00690 | .00019 | .00774 | .00040 | .00067 |
| %RSD   | .16260 | 4.8577 | .85627 | 3.9487 | 11.409 | 1.8162 | .78076 | 1.9763 | 15.003 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0269 | .00526 | .01489 | .01121 | .06535 | .01054 | .99729 | .02068 | .00491 |
| #2 | 1.0292 | .00491 | .01507 | .01060 | .05559 | .01027 | .98634 | .02011 | .00397 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.0123 | .02001 | .01955 | 1.0423 | .10426 | .06010 | .00952 | .20550 | .02056 |
| Stddev | .0007  | .00060 | .00020 | .0167  | .00007 | .00786 | .00034 | .00396 | .00016 |
| %RSD   | .07299 | 3.0095 | 1.0223 | 1.6036 | .06267 | 13.079 | 3.5729 | 1.9286 | .79603 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0128 | .02043 | .01969 | 1.0541 | .10430 | .06565 | .00976 | .20270 | .02067 |
| #2 | 1.0117 | .01958 | .01940 | 1.0305 | .10421 | .05454 | .00928 | .20830 | .02044 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02036 | .00767 | .0104  | .01227 |
| Stddev | .00037 | .00053 | .0011  | .00016 |
| %RSD   | 1.8055 | 6.9193 | 10.39  | 1.3165 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .02010 | .00729 | .0112 | .01216 |
| #2 | .02062 | .00804 | .0096 | .01239 |

Sample Name: H6103-05RE2      Acquired: 1/13/2017 15:04:51      Type: Unk  
 Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1: LOD 6010WATE 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       | 3834.6  | 57975.  | 3269.6  | 148.62 | 4394.0 |
| Stddev    | 14.3    | 327.    | 30.3    | 2.00   | 15.7   |
| %RSD      | .37407  | .56408  | .36624  | 1.3473 | .35839 |
| #1        | 3824.4  | 57744.  | 8291.0  | 147.20 | 4382.9 |
| #2        | 3844.7  | 58206.  | 8248.2  | 150.04 | 4405.2 |

Sample Name: H6103-06      Acquired: 1/13/2017 15:08:58      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 6010WATE 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    | .04168 | .07658 | .02204 | .03824 | .10083 | .20311 | .20256 | .01220 | .01133 |
| Stddev | .00078 | .00014 | .00081 | .00197 | .00017 | .00485 | .00005 | .00008 | .00012 |
| %RSD   | 1.8793 | .18359 | 3.6789 | 5.1624 | .17142 | 2.3897 | .02490 | .65032 | 1.0713 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04223 | .07649 | .02146 | .03964 | .10071 | .19968 | .20260 | .01214 | .01125 |
| #2 | .04113 | .07668 | .02261 | .03685 | .10095 | .20654 | .20253 | .01225 | .01142 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.0460 | .02054 | .05829 | .04069 | .20587 | .04105 | 4.0035 | .07939 | .01960 |
| Stddev | .0182  | .00011 | .00019 | .00017 | .00669 | .00014 | .0297  | .00018 | .00007 |
| %RSD   | .45065 | .55994 | .32341 | .41932 | 3.2479 | .34047 | .74262 | .22239 | .37433 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.0589 | .02062 | .05815 | .04082 | .21059 | .04095 | 4.0245 | .07951 | .01965 |
| #2 | 4.0331 | .02046 | .05842 | .04057 | .20114 | .04114 | 3.9824 | .07926 | .01955 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.9632 | .07958 | .07967 | 4.0112 | .41737 | .19657 | .03765 | .79127 | .07915 |
| Stddev | .0015  | .00018 | .00082 | .0080  | .00135 | .01707 | .00243 | .00119 | .00202 |
| %RSD   | .03722 | .22767 | 1.0345 | .19871 | .32435 | 8.6814 | 6.4551 | .15099 | 2.5582 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9642 | .07971 | .08026 | 4.0168 | .41641 | .18451 | .03937 | .79212 | .07771 |
| #2 | 3.9621 | .07945 | .07909 | 4.0056 | .41833 | .20864 | .03593 | .79043 | .08058 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08183 | .03925 | .0393  | .04856 |
| Stddev | .00104 | .00010 | .0009  | .00005 |
| %RSD   | 1.2664 | .24955 | 2.319  | .11141 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .08110 | .03918 | .0400 | .04853 |
| #2 | .08256 | .03932 | .0387 | .04860 |

Sample Name: H6103-06      Acquired: 1/13/2017 15:08:58      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 6010WATE 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       | 3819.1  | 58017.  | 3292.0  | 150.02 | 4430.8 |
| Stddev    | 2.5     | 60.     | 41.8    | 1.38   | 12.0   |
| %RSD      | .06672  | .10373  | .50371  | .91914 | .26972 |
| #1        | 3820.9  | 58060.  | 8262.5  | 149.04 | 4439.2 |
| #2        | 3817.3  | 57975.  | 8321.5  | 150.99 | 4422.3 |

Sample Name: H6103-05      Acquired: 1/13/2017 15:13:00      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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    | .00535 | .00888 | .00191 | .00445 | .01288 | .02931 | .02542 | .00154 | .00129 |
| Stddev | .00122 | .00096 | .00029 | .00149 | .00079 | .01090 | .00013 | .00002 | .00008 |
| %RSD   | 22.783 | 10.791 | 15.397 | 33.418 | 6.1623 | 37.195 | .52674 | 1.5972 | 6.4492 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00622 | .00955 | .00212 | .00550 | .01344 | .03702 | .02532 | .00152 | .00123 |
| #2 | .00449 | .00820 | .00170 | .00340 | .01232 | .02160 | .02551 | .00155 | .00135 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .51584 | .00222 | .00761 | .00498 | .03476 | .00517 | .48524 | .01012 | .00215 |
| Stddev | .00531 | .00043 | .00010 | .00074 | .00264 | .00001 | .00157 | .00001 | .00057 |
| %RSD   | 1.0289 | 19.413 | 1.3129 | 14.754 | 7.5852 | .18055 | .32370 | .13138 | 26.344 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51209 | .00191 | .00754 | .00446 | .03290 | .00517 | .48635 | .01011 | .00256 |
| #2 | .51959 | .00252 | .00769 | .00550 | .03663 | .00516 | .48413 | .01013 | .00175 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .50057 | .01013 | .00935 | .54911 | .05155 | .03011 | .00652 | .10057 | .01009 |
| Stddev | .00339 | .00016 | .00005 | .04081 | .00027 | .00180 | .00026 | .00369 | .00015 |
| %RSD   | .67768 | 1.5847 | .58381 | 7.4316 | .51741 | 5.9712 | 4.0591 | 3.6742 | 1.4386 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .50297 | .01024 | .00931 | .57797 | .05136 | .03138 | .00670 | .09795 | .00998 |
| #2 | .49817 | .01001 | .00938 | .52025 | .05174 | .02884 | .00633 | .10318 | .01019 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01136 | .00287 | .0065  | .00620 |
| Stddev | .00182 | .00010 | .0001  | .00000 |
| %RSD   | 16.044 | 3.3889 | 2.081  | .08032 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .01264 | .00294 | .0066 | .00620 |
| #2 | .01007 | .00280 | .0064 | .00621 |

Sample Name: H6103-05      Acquired: 1/13/2017 15:13:00      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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       | 3829.5  | 57937.  | 3308.6  | 148.06 | 4396.5 |
| Stddev    | 2.1     | 188.    | 3.6     | .76    | .3     |
| %RSD      | .05365  | .32449  | .04290  | .51015 | .00574 |
| #1        | 3828.0  | 57805.  | 8311.1  | 147.52 | 4396.4 |
| #2        | 3830.9  | 58070.  | 8306.0  | 148.59 | 4396.7 |

Sample Name: H6103-01      Acquired: 1/13/2017 15:17:08      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL      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    | .00559 | .00890 | .00193 | .00475 | .01431 | .01827 | .02535 | .00156 | .00133 |
| Stddev | .00218 | .00144 | .00023 | .00107 | .00001 | .00260 | .00072 | .00002 | .00007 |
| %RSD   | 39.016 | 16.202 | 11.816 | 22.585 | .04183 | 14.232 | 2.8382 | 1.2324 | 5.4514 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00404 | .00788 | .00209 | .00399 | .01432 | .02010 | .02484 | .00157 | .00128 |
| #2 | .00713 | .00992 | .00177 | .00551 | .01431 | .01643 | .02586 | .00154 | .00138 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .52084 | .00250 | .00756 | .00482 | .03675 | .00521 | .49479 | .00997 | .00235 |
| Stddev | .00534 | .00002 | .00013 | .00051 | .00782 | .00004 | .00575 | .00046 | .00017 |
| %RSD   | 1.0258 | .91500 | 1.7320 | 10.641 | 21.269 | .74104 | 1.1616 | 4.5851 | 7.0467 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .51706 | .00248 | .00747 | .00519 | .03122 | .00524 | .49886 | .01030 | .00247 |
| #2 | .52462 | .00252 | .00765 | .00446 | .04227 | .00518 | .49073 | .00965 | .00223 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .50168 | .00995 | .00946 | .54919 | .05193 | .02844 | .00611 | .09982 | .01018 |
| Stddev | .00455 | .00011 | .00042 | .01199 | .00005 | .00660 | .00257 | .00287 | .00094 |
| %RSD   | .90605 | 1.0896 | 4.3943 | 2.1834 | .10413 | 23.208 | 42.119 | 2.8727 | 9.1867 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .49847 | .00987 | .00917 | .54071 | .05196 | .02378 | .00429 | .10185 | .01085 |
| #2 | .50489 | .01003 | .00975 | .55767 | .05189 | .03311 | .00793 | .09779 | .00952 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01113 | .00295 | .0068  | .00614 |
| Stddev | .00001 | .00104 | .0008  | .00003 |
| %RSD   | .05106 | 35.302 | 11.94  | .46437 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .01113 | .00369 | .0063 | .00612 |
| #2 | .01112 | .00221 | .0074 | .00616 |

Sample Name: H6103-01      Acquired: 1/13/2017 15:17:08      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL 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       | 3817.2  | 57712.  | 3281.7  | 146.90 | 4376.7 |
| Stddev    | 15.4    | 159.    | 36.2    | 4.24   | 15.0   |
| %RSD      | .40299  | .27564  | .43653  | 2.8880 | .34186 |
| #1        | 3806.3  | 57600.  | 8307.3  | 149.90 | 4366.1 |
| #2        | 3828.1  | 57825.  | 8256.2  | 143.90 | 4387.3 |

Sample Name: H6103-05RE      Acquired: 1/13/2017 15:21:15      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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    | .00837 | .01265 | .00338 | .00602 | .01673 | .04198 | .03442 | .00205 | .00178 |
| Stddev | .00119 | .00147 | .00113 | .00107 | .00102 | .00433 | .00041 | .00010 | .00006 |
| %RSD   | 14.168 | 11.639 | 33.334 | 17.751 | 6.1082 | 10.309 | 1.1829 | 4.7730 | 3.4794 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00753 | .01161 | .00418 | .00678 | .01601 | .04504 | .03414 | .00212 | .00182 |
| #2 | .00921 | .01370 | .00259 | .00526 | .01746 | .03892 | .03471 | .00198 | .00173 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .68011 | .00311 | .01013 | .00647 | .03807 | .00695 | .64766 | .01353 | .00364 |
| Stddev | .00344 | .00025 | .00018 | .00004 | .00760 | .00004 | .03362 | .00002 | .00029 |
| %RSD   | .50621 | 8.0271 | 1.7691 | .56361 | 19.971 | .50860 | 5.1909 | .16968 | 7.9725 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .67767 | .00293 | .01000 | .00644 | .04345 | .00698 | .67143 | .01352 | .00343 |
| #2 | .68254 | .00329 | .01026 | .00649 | .03270 | .00693 | .62389 | .01355 | .00384 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .67324 | .01356 | .01292 | .72908 | .06944 | .03636 | .00572 | .13537 | .01320 |
| Stddev | .00116 | .00059 | .00003 | .01536 | .00009 | .01372 | .00245 | .00239 | .00080 |
| %RSD   | .17291 | 4.3617 | .21879 | 2.1067 | .12987 | 37.736 | 42.795 | 1.7648 | 6.0319 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .67406 | .01397 | .01294 | .73994 | .06951 | .02666 | .00399 | .13368 | .01376 |
| #2 | .67242 | .01314 | .01290 | .71822 | .06938 | .04606 | .00746 | .13706 | .01264 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01297 | .00555 | .0071  | .00819 |
| Stddev | .00105 | .00001 | .0010  | .00002 |
| %RSD   | 8.0644 | .10472 | 13.93  | .21034 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .01223 | .00555 | .0078 | .00818 |
| #2 | .01371 | .00554 | .0064 | .00820 |

Sample Name: H6103-05RE      Acquired: 1/13/2017 15:21:15      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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       | 3828.2  | 57770.  | 3244.4  | 146.93 | 4389.5 |
| Stddev    | 18.1    | 35.     | 2.9     | .44    | 16.0   |
| %RSD      | .47296  | .06092  | .03509  | .29751 | .36554 |
| #1        | 3815.4  | 57745.  | 8246.5  | 146.62 | 4378.2 |
| #2        | 3841.0  | 57794.  | 8242.4  | 147.24 | 4400.9 |

Sample Name: CCV02      Acquired: 1/13/2017 15:25:22      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      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    | 5.0392 | 4.9901 | 4.9914 | 5.0592 | 5.0117 | 9.9150 | 10.166 | 25666  | 2.5023 |
| Stddev | .0127  | .0052  | .0141  | .0056  | .0052  | .0324  | .008   | .00088 | .0019  |
| %RSD   | .25130 | .10334 | .28326 | .11154 | .10414 | .32687 | .07968 | .34278 | .07525 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 5.0482 | 4.9938 | 5.0014 | 5.0631 | 5.0154 | 9.8921 | 10.172 | 25728 | 2.5037 |
| #2 | 5.0303 | 4.9865 | 4.9814 | 5.0552 | 5.0080 | 9.9379 | 10.161 | 25603 | 2.5010 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.441 | 1.0172 | 2.4971 | 1.2643 | 5.0309 | 2.5660 | 25.335 | 2.5097 | 1.2578 |
| Stddev | .001   | .0001  | .0056  | .0009  | .0327  | .0053  | .011   | .0097  | .0004  |
| %RSD   | .00417 | .01129 | .22629 | .07135 | .65036 | .20610 | .04170 | .38475 | .03287 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.442 | 1.0173 | 2.5011 | 1.2637 | 5.0077 | 2.5697 | 25.328 | 2.5165 | 1.2575 |
| #2 | 25.440 | 1.0171 | 2.4931 | 1.2649 | 5.0540 | 2.5623 | 25.343 | 2.5029 | 1.2581 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 25.141 | 2.5388 | 2.5510 | 25.247 | 5.0603 | 5.0320 | 4.9970 | 4.9939 | 4.9916 |
| Stddev | .018   | .0008  | .0044  | .028   | .0055  | .0241  | .0132  | .0072  | .0059  |
| %RSD   | .07263 | .03309 | .17156 | .11257 | .10895 | .47942 | .26404 | .14316 | .11761 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.128 | 2.5382 | 2.5479 | 25.267 | 5.0642 | 5.0149 | 5.0064 | 4.9990 | 4.9958 |
| #2 | 25.154 | 2.5394 | 2.5541 | 25.227 | 5.0564 | 5.0491 | 4.9877 | 4.9889 | 4.9875 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 5.0394 | 5.0479 | 5.013  | 4.9938 |
| Stddev | .0021  | .0114  | .010   | .0267  |
| %RSD   | .04131 | .22491 | .1992  | .53417 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 5.0409 | 5.0559 | 5.006 | 5.0126 |
| #2 | 5.0379 | 5.0399 | 5.020 | 4.9749 |

Sample Name: CCV02      Acquired: 1/13/2017 15:25:22      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV02      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       | 3690.3  | 55972.  | 3170.5  | 144.38 | 4131.7 |
| Stddev    | 2.9     | 44.     | 31.4    | .27    | 6.1    |
| %RSD      | .07992  | .07798  | .38402  | .18470 | .14730 |
| #1        | 3688.2  | 55941.  | 8148.3  | 144.56 | 4127.4 |
| #2        | 3692.4  | 56003.  | 8192.7  | 144.19 | 4136.0 |

Sample Name: CCB02      Acquired: 1/13/2017 15:29:15      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00054 | .00162 | .00042 | .00153 | .00041 | .00894 | .00029 | .00001 |
| Stddev | .00058 | .00114 | .00099 | .00120 | .00139 | .00434 | .00001 | .00001 |
| %RSD   | 106.95 | 69.980 | 236.19 | 78.648 | 339.04 | 48.566 | 3.8774 | 169.64 |

|    |        |         |         |         |         |        |        |         |
|----|--------|---------|---------|---------|---------|--------|--------|---------|
| #1 | .00013 | -.00243 | -.00028 | -.00238 | .00140  | .00587 | .00029 | -.00001 |
| #2 | .00095 | -.00082 | .00112  | -.00068 | -.00057 | .01201 | .00030 | .00000  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00009 | .01028 | .00017 | .00004 | .00031 | .00172 | .00009 | .01541 |
| Stddev | .00007 | .00395 | .00043 | .00014 | .00003 | .01116 | .00005 | .00303 |
| %RSD   | 84.340 | 38.392 | 250.96 | 363.00 | 10.019 | 647.46 | 58.377 | 19.684 |

|    |         |        |         |         |         |         |         |         |
|----|---------|--------|---------|---------|---------|---------|---------|---------|
| #1 | -.00014 | .01307 | -.00048 | .00014  | -.00033 | -.00961 | -.00012 | -.01327 |
| #2 | -.00004 | .00749 | .00013  | -.00006 | -.00029 | .00617  | -.00005 | -.01756 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00023 | .00006 | .00390 | .00029 | .00095 | .06226 | .00054 | .00603 |
| Stddev | .00046 | .00026 | .00692 | .00021 | .00002 | .04955 | .00017 | .01410 |
| %RSD   | 203.97 | 462.24 | 177.20 | 72.718 | 2.0013 | 79.584 | 31.230 | 233.77 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00010 | .00013  | .00879  | .00014 | -.00094 | .02722 | -.00042 | .01600  |
| #2 | .00056  | -.00024 | -.00099 | .00043 | -.00096 | .09729 | -.00065 | -.00394 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00187 | .00191 | .00160 | .00019 | .00189 | .0003  | .00006 |
| Stddev | .00025 | .00040 | .00023 | .00073 | .00047 | .0017  | .00015 |
| %RSD   | 13.175 | 20.705 | 14.222 | 382.36 | 24.934 | 588.0  | 245.73 |

|    |         |        |        |         |         |        |         |
|----|---------|--------|--------|---------|---------|--------|---------|
| #1 | -.00170 | .00219 | .00177 | -.00070 | -.00223 | .0015  | .00004  |
| #2 | -.00204 | .00163 | .00144 | .00032  | -.00156 | -.0009 | -.00016 |

Sample Name: CCB02      Acquired: 1/13/2017 15:29:15      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB02      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       | 3836.8  | 58169.  | 3287.0  | 152.09 | 4431.3 |
| Stddev    | 2.0     | 102.    | 22.9    | .82    | 4.7    |
| %RSD      | .05241  | .17609  | .27615  | .54102 | .10673 |
| #1        | 3835.4  | 58097.  | 8303.2  | 151.50 | 4428.0 |
| #2        | 3838.3  | 58242.  | 8270.9  | 152.67 | 4434.7 |

Sample Name: H6103-05RE2      Acquired: 1/13/2017 15:33:22      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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    | .01054 | .01780 | .00504 | .00837 | .02520 | .03705 | .05070 | .00308 | .00276 |
| Stddev | .00097 | .00081 | .00115 | .00236 | .00023 | .01678 | .00021 | .00008 | .00005 |
| %RSD   | 9.2010 | 4.5306 | 22.811 | 28.157 | .91821 | 45.301 | .41943 | 2.7429 | 1.8332 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01123 | .01723 | .00423 | .00670 | .02536 | .02518 | .05085 | .00302 | .00272 |
| #2 | .00985 | .01837 | .00586 | .01003 | .02503 | .04892 | .05055 | .00314 | .00279 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0177 | .00488 | .01484 | .01011 | .05636 | .01047 | 1.0153 | .02081 | .00497 |
| Stddev | .0039  | .00010 | .00010 | .00017 | .00721 | .00004 | .0073  | .00019 | .00003 |
| %RSD   | .38348 | 2.1480 | .65297 | 1.7028 | 12.800 | .35675 | .71596 | .92192 | .52570 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0205 | .00496 | .01491 | .00999 | .05126 | .01044 | 1.0101 | .02067 | .00499 |
| #2 | 1.0150 | .00481 | .01477 | .01024 | .06146 | .01050 | 1.0204 | .02094 | .00495 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .99487 | .01987 | .01998 | 1.0281 | .10455 | .05552 | .01090 | .19977 | .02076 |
| Stddev | .00711 | .00039 | .00023 | .0154  | .00001 | .00224 | .00129 | .00149 | .00061 |
| %RSD   | .71477 | 1.9690 | 1.1483 | 1.4935 | .01082 | 4.0388 | 11.856 | .74667 | 2.9261 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .99990 | .01959 | .01982 | 1.0389 | .10456 | .05710 | .00998 | .19871 | .02119 |
| #2 | .98984 | .02014 | .02014 | 1.0172 | .10454 | .05393 | .01181 | .20082 | .02033 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02013 | .00817 | .0110  | .01208 |
| Stddev | .00018 | .00072 | .0002  | .00001 |
| %RSD   | .89455 | 8.7527 | 1.641  | .06417 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .02025 | .00767 | .0111 | .01208 |
| #2 | .02000 | .00868 | .0109 | .01209 |

Sample Name: H6103-05RE2      Acquired: 1/13/2017 15:33:22      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 200.7      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       | 3829.1  | 57931.  | 3303.3  | 146.60 | 4417.0 |
| Stddev    | 14.3    | 112.    | 32.7    | 1.23   | 9.1    |
| %RSD      | .37367  | .19290  | .39359  | .84190 | .20585 |
| #1        | 3819.0  | 57852.  | 8326.5  | 147.47 | 4410.6 |
| #2        | 3839.2  | 58010.  | 8280.2  | 145.73 | 4423.5 |

Sample Name: H6103-06      Acquired: 1/13/2017 15:37:29      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 200.7      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    | .04042 | .07601 | .02069 | .03871 | .09995 | .19595 | .19956 | .01214 | .01121 |
| Stddev | .00183 | .00022 | .00030 | .00120 | .00108 | .01152 | .00017 | .00002 | .00009 |
| %RSD   | 4.5396 | .29224 | 1.4733 | 3.0925 | 1.0775 | 5.8782 | .08327 | .19088 | .83446 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04172 | .07586 | .02048 | .03955 | .10071 | .20409 | .19968 | .01216 | .01128 |
| #2 | .03912 | .07617 | .02091 | .03786 | .09918 | .18780 | .19944 | .01212 | .01115 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.0088 | .02011 | .05825 | .04045 | .19692 | .04080 | 3.9778 | .07869 | .01933 |
| Stddev | .0137  | .00001 | .00043 | .00027 | .00389 | .00006 | .0562  | .00036 | .00057 |
| %RSD   | .34191 | .06225 | .73089 | .66625 | 1.9735 | .13810 | 1.4139 | .45509 | 2.9242 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9991 | .02010 | .05795 | .04026 | .19417 | .04084 | 3.9381 | .07895 | .01893 |
| #2 | 4.0185 | .02012 | .05856 | .04064 | .19966 | .04076 | 4.0176 | .07844 | .01973 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.9359 | .07939 | .07990 | 3.9714 | .41374 | .20425 | .03735 | .79194 | .07904 |
| Stddev | .0190  | .00009 | .00093 | .0405  | .00155 | .00344 | .00152 | .00495 | .00055 |
| %RSD   | .48346 | .10911 | 1.1583 | 1.0193 | .37574 | 1.6845 | 4.0707 | .62565 | .69363 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9224 | .07945 | .08055 | 3.9427 | .41264 | .20668 | .03628 | .78844 | .07943 |
| #2 | 3.9493 | .07933 | .07924 | 4.0000 | .41484 | .20182 | .03843 | .79545 | .07865 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .08071 | .03766 | .0388  | .04798 |
| Stddev | .00091 | .00075 | .0010  | .00006 |
| %RSD   | 1.1253 | 1.9797 | 2.697  | .13133 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .08006 | .03713 | .0396 | .04794 |
| #2 | .08135 | .03819 | .0381 | .04803 |

Sample Name: H6103-06      Acquired: 1/13/2017 15:37:29      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 200.7      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       | 3839.2  | 57992.  | 3301.1  | 149.39 | 4441.1 |
| Stddev    | 3.1     | 244.    | 16.0    | 2.08   | 2.1    |
| %RSD      | .08173  | .42147  | .19243  | 1.3920 | .04680 |
| #1        | 3837.0  | 57819.  | 8312.4  | 147.92 | 4442.5 |
| #2        | 3841.4  | 58165.  | 8289.8  | 150.86 | 4439.6 |

Sample Name: H6103-01RE      Acquired: 1/13/2017 15:41:34      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL      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    | .00579 | .01126 | .00263 | .00748 | .01704 | .04020 | .03310 | .00209 | .00174 |
| Stddev | .00234 | .00023 | .00064 | .00035 | .00031 | .01060 | .00014 | .00002 | .00001 |
| %RSD   | 40.387 | 2.0540 | 24.406 | 4.6501 | 1.8044 | 26.368 | .43306 | 1.1092 | .34872 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00744 | .01142 | .00218 | .00772 | .01726 | .03270 | .03300 | .00207 | .00175 |
| #2 | .00414 | .01109 | .00309 | .00723 | .01683 | .04769 | .03320 | .00211 | .00174 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .67905 | .00395 | .00980 | .00684 | .03753 | .00687 | .65766 | .01389 | .00288 |
| Stddev | .00122 | .00013 | .00026 | .00072 | .00527 | .00004 | .00614 | .00000 | .00024 |
| %RSD   | .18001 | 3.4160 | 2.6740 | 10.463 | 14.050 | .59247 | .93319 | .00640 | 8.1724 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .67818 | .00385 | .00962 | .00734 | .04126 | .00684 | .65332 | .01389 | .00271 |
| #2 | .67991 | .00404 | .00999 | .00633 | .03380 | .00690 | .66200 | .01389 | .00305 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .66436 | .01400 | .01351 | .67450 | .06910 | .03880 | .00481 | .13395 | .01431 |
| Stddev | .00794 | .00099 | .00015 | .02750 | .00040 | .01384 | .00416 | .00177 | .00064 |
| %RSD   | 1.1954 | 7.0968 | 1.1211 | 4.0776 | .58042 | 35.672 | 86.431 | 1.3246 | 4.4406 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .65874 | .01330 | .01340 | .69395 | .06938 | .04859 | .00187 | .13270 | .01386 |
| #2 | .66998 | .01471 | .01361 | .65506 | .06882 | .02901 | .00775 | .13521 | .01476 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .01367 | .00506 | .0069  | .00807 |
| Stddev | .00107 | .00087 | .0003  | .00003 |
| %RSD   | 7.8323 | 17.100 | 4.456  | .35783 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .01292 | .00567 | .0071 | .00810 |
| #2 | .01443 | .00445 | .0067 | .00805 |

Sample Name: H6103-01RE      Acquired: 1/13/2017 15:41:34      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL 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       | 3838.6  | 58130.  | 3294.0  | 148.02 | 4413.1 |
| Stddev    | 2.9     | 169.    | 34.7    | 1.02   | 7.5    |
| %RSD      | .07430  | .29009  | .41794  | .69052 | .16936 |
| #1        | 3836.5  | 58250.  | 8318.5  | 148.74 | 4418.4 |
| #2        | 3840.6  | 58011.  | 8269.5  | 147.30 | 4407.9 |

Sample Name: H6103-01RE2      Acquired: 1/13/2017 15:45:41      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL      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    | .00890 | .02003 | .00618 | .00936 | .02625 | .04154 | .05066 | .00308 | .00274 |
| Stddev | .00230 | .00039 | .00073 | .00084 | .00081 | .00643 | .00013 | .00004 | .00004 |
| %RSD   | 25.840 | 1.9534 | 11.876 | 8.9168 | 3.0821 | 15.481 | .26090 | 1.1562 | 1.5828 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .00728 | .01975 | .00669 | .00995 | .02682 | .03700 | .05076 | .00311 | .00277 |
| #2 | .01053 | .02030 | .00566 | .00877 | .02567 | .04609 | .05057 | .00306 | .00271 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0237 | .00544 | .01497 | .00969 | .05885 | .01033 | 1.0235 | .02049 | .00459 |
| Stddev | .0076  | .00034 | .00016 | .00005 | .00636 | .00001 | .0061  | .00041 | .00069 |
| %RSD   | .74759 | 6.2173 | 1.0531 | .56693 | 10.807 | .10429 | .59368 | 1.9892 | 14.998 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0291 | .00520 | .01486 | .00973 | .06335 | .01033 | 1.0192 | .02020 | .00507 |
| #2 | 1.0183 | .00568 | .01508 | .00965 | .05435 | .01034 | 1.0278 | .02077 | .00410 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .99193 | .01984 | .02012 | 1.0124 | .10414 | .04790 | .00681 | .20607 | .02046 |
| Stddev | .00348 | .00010 | .00009 | .0189  | .00016 | .00985 | .00171 | .00147 | .00015 |
| %RSD   | .35088 | .48623 | .45337 | 1.8703 | .15746 | 20.564 | 25.098 | .71368 | .72084 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .98947 | .01977 | .02019 | 1.0258 | .10402 | .05486 | .00801 | .20503 | .02056 |
| #2 | .99439 | .01991 | .02006 | .99900 | .10425 | .04093 | .00560 | .20711 | .02035 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .02217 | .00809 | .0099  | .01215 |
| Stddev | .00079 | .00136 | .0015  | .00009 |
| %RSD   | 3.5702 | 16.828 | 14.97  | .71166 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .02272 | .00905 | .0109 | .01221 |
| #2 | .02161 | .00712 | .0088 | .01209 |

Sample Name: H6103-01RE2      Acquired: 1/13/2017 15:45:41      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOD 6010SOIL 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       | 3847.2  | 58384.  | 3297.9  | 147.92 | 4430.4 |
| Stddev    | 2.7     | 143.    | 30.7    | .76    | 6.0    |
| %RSD      | .06921  | .24545  | .37030  | .51497 | .13609 |
| #1        | 3845.3  | 58282.  | 8319.7  | 147.38 | 4426.2 |
| #2        | 3849.1  | 58485.  | 8276.2  | 148.46 | 4434.7 |

Sample Name: H6103-02      Acquired: 1/13/2017 15:49:47      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 6010SOIL      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    | .03980 | .07465 | .02121 | .03799 | .09904 | .20275 | .19688 | .01202 | .01107 |
| Stddev | .00133 | .00085 | .00067 | .00074 | .00079 | .00008 | .00006 | .00002 | .00004 |
| %RSD   | 3.3396 | 1.1351 | 3.1441 | 1.9429 | .79357 | .03853 | .03102 | .17358 | .38912 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03886 | .07405 | .02168 | .03851 | .09849 | .20280 | .19692 | .01201 | .01110 |
| #2 | .04074 | .07525 | .02074 | .03747 | .09960 | .20269 | .19683 | .01204 | .01104 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 3.9416 | .02054 | .05695 | .04031 | .19757 | .04038 | 3.9196 | .07804 | .01923 |
| Stddev | .0080  | .00039 | .00018 | .00010 | .00573 | .00003 | .0014  | .00026 | .00051 |
| %RSD   | .20325 | 1.8753 | .32139 | .24366 | 2.9021 | .08202 | .03584 | .33530 | 2.6551 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.9473 | .02027 | .05708 | .04037 | .20163 | .04036 | 3.9206 | .07822 | .01887 |
| #2 | 3.9359 | .02082 | .05682 | .04024 | .19352 | .04041 | 3.9186 | .07785 | .01959 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.8881 | .07827 | .07792 | 3.8959 | .41147 | .19878 | .03584 | .76976 | .07791 |
| Stddev | .0075  | .00101 | .00145 | .0072  | .00048 | .00607 | .00225 | .00111 | .00023 |
| %RSD   | .19390 | 1.2869 | 1.8644 | .18585 | .11721 | 3.0520 | 6.2799 | .14358 | .29360 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.8828 | .07756 | .07895 | 3.8908 | .41182 | .19449 | .03743 | .77054 | .07774 |
| #2 | 3.8935 | .07898 | .07689 | 3.9010 | .41113 | .20307 | .03425 | .76898 | .07807 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .07999 | .03718 | .0381  | .04726 |
| Stddev | .00054 | .00037 | .0008  | .00005 |
| %RSD   | .67618 | .99817 | 2.000  | .11155 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .08038 | .03745 | .0386 | .04730 |
| #2 | .07961 | .03692 | .0375 | .04722 |

Sample Name: H6103-02      Acquired: 1/13/2017 15:49:47      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LOQ 6010SOIL      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       | 3833.5  | 58135.  | 3346.3  | 150.88 | 4454.4 |
| Stddev    | 8.6     | 77.     | 6.8     | 2.40   | 3.4    |
| %RSD      | .22483  | .13188  | .08179  | 1.5891 | .07536 |
| #1        | 3827.4  | 58081.  | 8341.5  | 149.19 | 4452.0 |
| #2        | 3839.6  | 58189.  | 8351.2  | 152.58 | 4456.7 |

Sample Name: PB95976BL      Acquired: 1/13/2017 15:55:42      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00019 | .00250 | .00017 | .00145 | .00085 | .00085 | .00005 | .00000 |
| Stddev | .00041 | .00046 | .00049 | .00117 | .00004 | .00552 | .00001 | .00002 |
| %RSD   | 217.24 | 18.426 | 295.55 | 80.793 | 4.2690 | 648.63 | 16.653 | 1053.9 |

|    |         |         |         |         |        |         |        |         |
|----|---------|---------|---------|---------|--------|---------|--------|---------|
| #1 | -.00010 | -.00282 | .00018  | -.00228 | .00088 | -.00476 | .00006 | .00002  |
| #2 | .00048  | -.00217 | -.00051 | -.00062 | .00083 | .00305  | .00005 | -.00002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00018 | .00120 | .00036 | .00031 | .00002 | .00242 | .00009 | .02515 |
| Stddev | .00001 | .00476 | .00017 | .00005 | .00007 | .00192 | .00002 | .00912 |
| %RSD   | 6.0995 | 397.37 | 47.685 | 15.000 | 373.75 | 79.394 | 26.544 | 36.254 |

|    |         |         |         |        |         |        |         |         |
|----|---------|---------|---------|--------|---------|--------|---------|---------|
| #1 | -.00017 | -.00457 | -.00048 | .00035 | -.00003 | .00106 | -.00007 | -.03159 |
| #2 | -.00019 | .00217  | -.00024 | .00028 | .00007  | .00377 | -.00011 | -.01870 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00016 | .00063 | .00269 | .00009 | .00105 | .01505 | .00099 | .00269 |
| Stddev | .00079 | .00008 | .00181 | .00016 | .00006 | .01966 | .00018 | .00513 |
| %RSD   | 501.76 | 13.356 | 67.303 | 179.62 | 5.9304 | 130.67 | 18.541 | 190.75 |

|    |         |         |         |         |         |        |         |         |
|----|---------|---------|---------|---------|---------|--------|---------|---------|
| #1 | -.00071 | -.00057 | -.00141 | .00002  | -.00100 | .00114 | -.00112 | -.00094 |
| #2 | .00040  | -.00069 | -.00397 | -.00020 | -.00109 | .02895 | -.00086 | .00632  |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00309 | .00001 | .00025 | .00033 | .00210 | .0007  | .00009 |
| Stddev | .00158 | .00014 | .00045 | .00130 | .00263 | .0006  | .00006 |
| %RSD   | 51.198 | 2129.0 | 177.42 | 394.03 | 124.90 | 76.66  | 67.277 |

|    |         |         |         |         |         |       |        |
|----|---------|---------|---------|---------|---------|-------|--------|
| #1 | -.00421 | -.00009 | -.00057 | -.00059 | -.00025 | .0011 | .00005 |
| #2 | -.00197 | .00011  | .00006  | .00125  | -.00396 | .0003 | .00014 |

Sample Name: PB95976BL      Acquired: 1/13/2017 15:55:42      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3814.8  | 57795.  | 3246.6  | 146.89 | 4403.5 |
| Stddev    | 7.4     | 271.    | 35.5    | .33    | 5.8    |
| %RSD      | .19493  | .46922  | .43068  | .22319 | .13216 |
| #1        | 3809.5  | 57603.  | 8221.4  | 146.65 | 4399.4 |
| #2        | 3820.0  | 57987.  | 8271.7  | 147.12 | 4407.6 |

Sample Name: PB95976BS      Acquired: 1/13/2017 15:59:48      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |          |        |        |        |
|--------|--------|--------|--------|----------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960   | Sb2068 | Al3961 | Ba4934 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .76008 | 1.8443 | .93941 | 1.7857   | .77827 | 1.9168 | .20324 |
| Stddev | .00147 | .0013  | .00135 | .0035    | .00067 | .0043  | .00121 |
| %RSD   | .19315 | .07086 | .14356 | .19704   | .08590 | .22296 | .59668 |
| #1     | .76112 | 1.8434 | .94036 | 1.7882   | .77780 | 1.9138 | .20238 |
| #2     | .75905 | 1.8452 | .93845 | 1.7832   | .77874 | 1.9198 | .20410 |
| Elem   | Be2348 | Cd2265 | Ca3736 | Cr2677   | Co2286 | Cu2247 | Fe2404 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .19324 | .18961 | 1.0287 | .40138   | .19392 | .30586 | 2.9918 |
| Stddev | .00068 | .00021 | .0197  | .00169   | .00019 | .00054 | .0414  |
| %RSD   | .35381 | .10877 | 1.9100 | .42001   | .09961 | .17599 | 1.3848 |
| #1     | .19372 | .18946 | 1.0148 | .40019   | .19378 | .30624 | 2.9625 |
| #2     | .19275 | .18976 | 1.0426 | .40257   | .19405 | .30548 | 3.0211 |
| Elem   | Mn2576 | Mg2790 | Ni2316 | Ag3280   | Na5895 | V_2924 | Zn2138 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | .20587 | 1.9806 | .48970 | .06711   | 2.9788 | .29961 | .20027 |
| Stddev | .00039 | .0269  | .00009 | .00134   | .0117  | .00004 | .00234 |
| %RSD   | .18708 | 1.3598 | .01939 | 2.0016   | .39202 | .01478 | 1.1690 |
| #1     | .20560 | 1.9615 | .48963 | .06806   | 2.9705 | .29964 | .19861 |
| #2     | .20615 | 1.9996 | .48977 | .06616   | 2.9870 | .29957 | .20192 |
| Elem   | K_7664 | Mo2020 | B_2496 | S_1820   | Si2881 | Sn1899 | Ti3361 |
| Units  | ppm    | ppm    | ppm    | ppm      | ppm    | ppm    | ppm    |
| Avg    | 9.9150 | .41810 | .30217 | F .00377 | .88858 | .68349 | .19969 |
| Stddev | .0031  | .00026 | .00973 | .00451   | .00258 | .00164 | .00174 |
| %RSD   | .03155 | .06183 | 3.2190 | 119.53   | .28986 | .24027 | .87125 |
| #1     | 9.9128 | .41791 | .29529 | -.00696  | .88676 | .68465 | .20092 |
| #2     | 9.9172 | .41828 | .30905 | -.00058  | .89040 | .68233 | .19846 |

Sample Name: PB95976BS      Acquired: 1/13/2017 15:59:48      Type: Unk  
 Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
 User: JASWAL      Custom ID1:      Custom ID2:      Custom ID3:  
 Comment:

|        |        |         |        |
|--------|--------|---------|--------|
| Elem   | Li6707 | P_1774  | Sr4077 |
| Units  | ppm    | ppm     | ppm    |
| Avg    | .19990 | F 5.315 | .20193 |
| Stddev | .00281 | .006    | .00026 |
| %RSD   | 1.4057 | .1228   | .12891 |

|    |        |       |        |
|----|--------|-------|--------|
| #1 | .19792 | 5.310 | .20212 |
| #2 | .20189 | 5.320 | .20175 |

|           |         |         |         |        |        |
|-----------|---------|---------|---------|--------|--------|
| Int. Std. | Y_ 2243 | Y_ 3600 | Y_ 3710 | In2306 | In2306 |
| Units     | Cts/S   | Cts/S   | Cts/S   | Cts/S  | Cts/S  |
| Avg       | 3791.1  | 57903.  | 3276.9  | 149.77 | 4434.9 |
| Stddev    | 11.3    | 115.    | 8.3     | 1.30   | 13.8   |
| %RSD      | .29823  | .19921  | .10047  | .87040 | .31096 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 3783.1 | 57821. | 8271.0 | 150.69 | 4425.1 |
| #2 | 3799.1 | 57984. | 8282.8 | 148.84 | 4444.6 |

Sample Name: PB95993BL      Acquired: 1/13/2017 16:03:39      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .00127 | .00081 | .00046 | .00051 | .00006 | .00404 | .00031 | .00005 |
| Stddev | .00059 | .00076 | .00011 | .00127 | .00044 | .00973 | .00007 | .00004 |
| %RSD   | 46.299 | 93.868 | 24.252 | 249.40 | 795.89 | 241.10 | 20.949 | 94.620 |

|    |        |         |         |         |         |         |        |        |
|----|--------|---------|---------|---------|---------|---------|--------|--------|
| #1 | .00086 | -.00135 | -.00038 | -.00140 | -.00026 | -.00285 | .00036 | .00002 |
| #2 | .00169 | -.00027 | -.00054 | .00039  | .00037  | .01092  | .00027 | .00008 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00012 | .00727 | .00023 | .00004 | .00080 | .00750 | .00003 | .00809 |
| Stddev | .00005 | .00270 | .00058 | .00020 | .00010 | .00528 | .00002 | .01733 |
| %RSD   | 39.534 | 37.145 | 253.09 | 447.03 | 12.909 | 70.386 | 67.143 | 214.18 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00016 | .00536 | -.00064 | .00010  | -.00072 | .01123 | -.00004 | -.02035 |
| #2 | -.00009 | .00918 | .00018  | -.00018 | -.00087 | .00377 | -.00001 | .00416  |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00007 | .00045 | .00070 | .00023 | .00108 | .04175 | .00112 | .01280 |
| Stddev | .00011 | .00062 | .00371 | .00054 | .00005 | .00242 | .00019 | .00507 |
| %RSD   | 154.37 | 136.86 | 531.84 | 235.80 | 4.9901 | 5.7925 | 16.579 | 39.616 |

|    |         |         |         |         |         |        |         |        |
|----|---------|---------|---------|---------|---------|--------|---------|--------|
| #1 | -.00001 | -.00001 | .00193  | .00061  | -.00104 | .04346 | -.00125 | .00922 |
| #2 | .00015  | -.00089 | -.00332 | -.00015 | -.00112 | .04004 | -.00099 | .01639 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00140 | .00205 | .00086 | .00092 | .00170 | .0004  | .00004 |  |
| Stddev | .00017 | .00174 | .00013 | .00052 | .00016 | .0005  | .00004 |  |
| %RSD   | 12.370 | 84.884 | 15.247 | 56.510 | 9.4138 | 138.7  | 103.82 |  |

|    |         |        |         |        |         |        |         |  |
|----|---------|--------|---------|--------|---------|--------|---------|--|
| #1 | -.00152 | .00328 | -.00076 | .00055 | -.00158 | -.0007 | -.00007 |  |
| #2 | -.00128 | .00082 | -.00095 | .00128 | -.00181 | .0000  | -.00001 |  |

Sample Name: PB95993BL      Acquired: 1/13/2017 16:03:39      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3850.4  | 58170.  | 3278.5  | 149.48 | 4433.4 |
| Stddev    | 19.3    | 39.     | 18.5    | 1.06   | 10.3   |
| %RSD      | .50250  | .06744  | .22340  | .71174 | .23255 |
| #1        | 3836.7  | 58142.  | 8291.6  | 148.72 | 4426.2 |
| #2        | 3864.1  | 58198.  | 8265.5  | 150.23 | 4440.7 |

Sample Name: PB95993BS      Acquired: 1/13/2017 16:07:47      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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    | .75866 | 1.7991 | .91032 | 1.8667 | .75952 | 1.8550 | .19497 | .19318 | .18362 |
| Stddev | .00264 | .0009  | .00550 | .0022  | .00283 | .0015  | .00088 | .00011 | .00084 |
| %RSD   | .34768 | .05010 | .60364 | .11713 | .37319 | .07936 | .45300 | .05530 | .45562 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .75679 | 1.7985 | .90643 | 1.8652 | .75751 | 1.8560 | .19434 | .19325 | .18302 |
| #2 | .76052 | 1.7998 | .91420 | 1.8683 | .76152 | 1.8539 | .19559 | .19310 | .18421 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.0025 | .38921 | .18599 | .30148 | 2.8257 | .19979 | 1.9454 | .47125 | .06649 |
| Stddev | .0036  | .00022 | .00077 | .00056 | .0158  | .00022 | .0462  | .00092 | .00028 |
| %RSD   | .35490 | .05747 | .41546 | .18652 | .55813 | .10768 | 2.3775 | .19525 | .42542 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.0050 | .38937 | .18545 | .30108 | 2.8146 | .19994 | 1.9781 | .47060 | .06629 |
| #2 | .99994 | .38905 | .18654 | .30188 | 2.8369 | .19964 | 1.9126 | .47190 | .06669 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.8955 | .28983 | .19923 | 9.6483 | .39453 | .29878 | 3.6325 | .87922 | .65458 |
| Stddev | .0091  | .00027 | .00105 | .0422  | .00137 | .00674 | .0137  | .00206 | .00231 |
| %RSD   | .31325 | .09225 | .52589 | .43754 | .34787 | 2.2563 | .15834 | .23460 | .35293 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.8891 | .29001 | .19849 | 9.6185 | .39356 | .29401 | 8.6228 | .87776 | .65295 |
| #2 | 2.9019 | .28964 | .19997 | 9.6782 | .39550 | .30354 | 8.6421 | .88068 | .65621 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .19305 | .19214 | 5.259  | .19411 |
| Stddev | .00062 | .00190 | .012   | .00095 |
| %RSD   | .32274 | .98733 | .2202  | .48800 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .19261 | .19080 | 5.251 | .19344 |
| #2 | .19349 | .19348 | 5.268 | .19478 |

Sample Name: PB95993BS      Acquired: 1/13/2017 16:07:47      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      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       | 3785.4  | 57304.  | 3160.2  | 149.71 | 4463.8 |
| Stddev    | 2.3     | 4.      | 8.8     | .22    | .7     |
| %RSD      | .06134  | .00668  | .10767  | .14717 | .01486 |
| #1        | 3787.1  | 57306.  | 8154.0  | 149.87 | 4463.3 |
| #2        | 3783.8  | 57301.  | 8166.4  | 149.56 | 4464.3 |

Sample Name: CCV03      Acquired: 1/13/2017 16:11:38      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      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    | 4.9847 | 4.9232 | 4.9317 | 4.9847 | 4.9444 | 9.8011 | 10.042 | 25397  | 2.4699 |
| Stddev | .0042  | .0110  | .0022  | .0074  | .0053  | .0501  | .031   | .00033 | .0027  |
| %RSD   | .08325 | .22362 | .04389 | .14885 | .10763 | .51139 | .30544 | .13116 | .11133 |

|    |        |        |        |        |        |        |        |       |        |
|----|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| #1 | 4.9818 | 4.9310 | 4.9332 | 4.9900 | 4.9406 | 9.7656 | 10.064 | 25373 | 2.4719 |
| #2 | 4.9876 | 4.9154 | 4.9301 | 4.9795 | 4.9481 | 9.8365 | 10.020 | 25420 | 2.4680 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 25.127 | 99998  | 2.4638 | 1.2491 | 4.9732 | 2.5328 | 25.192 | 2.4747 | 1.2374 |
| Stddev | .042   | .00279 | .0010  | .0001  | .0164  | .0024  | .077   | .0010  | .0031  |
| %RSD   | .16556 | .27911 | .04233 | .00915 | .33082 | .09300 | .30653 | .04111 | .25394 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 25.156 | 1.0020 | 2.4646 | 1.2491 | 4.9616 | 2.5311 | 25.247 | 2.4754 | 1.2396 |
| #2 | 25.098 | .99800 | 2.4631 | 1.2492 | 4.9849 | 2.5345 | 25.137 | 2.4740 | 1.2352 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 24.748 | 2.5020 | 2.5431 | 24.940 | 4.9967 | 4.9449 | 4.9654 | 4.9406 | 4.9368 |
| Stddev | .041   | .0027  | .0059  | .032   | .0030  | .0094  | .0014  | .0343  | .0053  |
| %RSD   | .16589 | .10978 | .23352 | .12893 | .06006 | .18985 | .02743 | .69332 | .10843 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 24.777 | 2.5039 | 2.5389 | 24.963 | 4.9946 | 4.9383 | 4.9664 | 4.9648 | 4.9406 |
| #2 | 24.719 | 2.5001 | 2.5473 | 24.918 | 4.9988 | 4.9516 | 4.9644 | 4.9164 | 4.9330 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | 4.9789 | 4.9794 | 4.961  | 4.9451 |
| Stddev | .0141  | .0106  | .002   | .0664  |
| %RSD   | .28298 | .21281 | .0459  | 1.3424 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | 4.9889 | 4.9869 | 4.959 | 4.9921 |
| #2 | 4.9690 | 4.9719 | 4.962 | 4.8982 |

Sample Name: CCV03      Acquired: 1/13/2017 16:11:38      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCV03      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       | 3711.3  | 56305.  | 3188.9  | 144.39 | 4157.9 |
| Stddev    | 8.3     | 19.     | 44.3    | .08    | 14.2   |
| %RSD      | .22297  | .03394  | .54119  | .05595 | .34078 |
| #1        | 3705.4  | 56292.  | 8157.6  | 144.33 | 4147.9 |
| #2        | 3717.1  | 56319.  | 8220.3  | 144.44 | 4167.9 |

Sample Name: LLCCV02      Acquired: 1/13/2017 16:20:45      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      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    | .01993 | .03736 | .01000 | .02131 | .05085 | .10040 | .09949 | .00612 | .00555 |
| Stddev | .00010 | .00090 | .00004 | .00160 | .00141 | .00234 | .00018 | .00008 | .00002 |
| %RSD   | .51370 | 2.4081 | .42615 | 7.5013 | 2.7770 | 2.3281 | .18161 | 1.2646 | .33257 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .01986 | .03673 | .01003 | .02244 | .05184 | .10206 | .09962 | .00617 | .00554 |
| #2 | .02000 | .03800 | .00997 | .02018 | .04985 | .09875 | .09937 | .00606 | .00556 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 | Ni2316 | Ag3280 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | 1.9925 | .01136 | .02906 | .01996 | .09606 | .02052 | 1.9719 | .04062 | .00927 |
| Stddev | .0105  | .00029 | .00008 | .00028 | .00634 | .00004 | .0411  | .00019 | .00026 |
| %RSD   | .52916 | 2.5867 | .27220 | 1.4176 | 6.5972 | .17623 | 2.0864 | .46988 | 2.8113 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9850 | .01156 | .02911 | .01976 | .10054 | .02049 | 1.9428 | .04075 | .00945 |
| #2 | 1.9999 | .01115 | .02900 | .02016 | .09158 | .02054 | 2.0010 | .04048 | .00909 |

|        |        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.9452 | .03926 | .03898 | 1.9954 | .20598 | .09986 | .01948 | .39473 | .04041 |
| Stddev | .0108  | .00006 | .00029 | .0101  | .00023 | .00583 | .00472 | .00647 | .00061 |
| %RSD   | .55426 | .14580 | .74195 | .50722 | .11286 | 5.8341 | 24.249 | 1.6380 | 1.4980 |

|    |        |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.9376 | .03922 | .03919 | 1.9882 | .20614 | .10398 | .01614 | .39016 | .04084 |
| #2 | 1.9528 | .03930 | .03878 | 2.0026 | .20581 | .09575 | .02282 | .39930 | .03998 |

|        |        |        |        |        |
|--------|--------|--------|--------|--------|
| Elem   | Ti3361 | Li6707 | P_1774 | Sr4077 |
| Units  | ppm    | ppm    | ppm    | ppm    |
| Avg    | .04032 | .01733 | .0196  | .02375 |
| Stddev | .00141 | .00130 | .0013  | .00000 |
| %RSD   | 3.5038 | 7.4824 | 6.388  | .00904 |

|    |        |        |       |        |
|----|--------|--------|-------|--------|
| #1 | .03932 | .01641 | .0187 | .02375 |
| #2 | .04132 | .01824 | .0205 | .02374 |

Sample Name: LLCCV02      Acquired: 1/13/2017 16:20:45      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: LLCCV02      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       | 3838.6  | 57898.  | 3262.9  | 151.02 | 4432.1 |
| Stddev    | 17.3    | 186.    | 15.2    | 1.68   | 5.3    |
| %RSD      | .45190  | .32082  | .18438  | 1.1131 | .11927 |
| #1        | 3826.4  | 57767.  | 8273.6  | 149.83 | 4435.9 |
| #2        | 3850.9  | 58029.  | 8252.1  | 152.20 | 4428.4 |

Sample Name: CCB03      Acquired: 1/13/2017 16:24:50      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | As1890 | Tl1908 | Pb2203 | Se1960 | Sb2068 | Al3961 | Ba4934 | Be2348 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00140 | .00083 | .00012 | .00085 | .00185 | .00492 | .00003 | .00003 |
| Stddev | .00028 | .00133 | .00038 | .00128 | .00038 | .00867 | .00048 | .00003 |
| %RSD   | 20.234 | 161.50 | 319.02 | 150.12 | 20.361 | 176.41 | 1393.4 | 114.98 |

|    |        |         |         |         |        |         |         |        |
|----|--------|---------|---------|---------|--------|---------|---------|--------|
| #1 | .00160 | -.00177 | .00015  | -.00176 | .00212 | -.00122 | -.00031 | .00001 |
| #2 | .00120 | .00012  | -.00038 | .00005  | .00158 | .01105  | .00038  | .00005 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00019 | .00453 | .00006 | .00001 | .00049 | .00355 | .00008 | .01251 |
| Stddev | .00002 | .00122 | .00031 | .00004 | .00019 | .00163 | .00004 | .00346 |
| %RSD   | 9.1819 | 26.833 | 486.67 | 380.86 | 38.204 | 45.815 | 54.150 | 27.615 |

|    |         |        |         |         |         |        |         |         |
|----|---------|--------|---------|---------|---------|--------|---------|---------|
| #1 | -.00021 | .00367 | -.00028 | -.00003 | -.00063 | .00471 | -.00005 | -.01007 |
| #2 | -.00018 | .00539 | .00015  | .00002  | -.00036 | .00240 | -.00010 | -.01496 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | Mo2020 | B_2496 |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |
| Avg    | .00032 | .00060 | .00047 | .00019 | .00098 | .02551 | .00103 | .00258 |
| Stddev | .00023 | .00030 | .00532 | .00026 | .00007 | .02532 | .00000 | .01540 |
| %RSD   | 72.033 | 50.931 | 1141.5 | 134.19 | 7.0757 | 99.250 | .36803 | 597.79 |

|    |        |         |         |        |         |        |         |         |
|----|--------|---------|---------|--------|---------|--------|---------|---------|
| #1 | .00048 | -.00038 | .00330  | .00038 | -.00093 | .00761 | -.00104 | -.00831 |
| #2 | .00015 | -.00081 | -.00423 | .00001 | -.00102 | .04341 | -.00103 | .01347  |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | S_1820 | Si2881 | Sn1899 | Ti3361 | Li6707 | P_1774 | Sr4077 |  |
| Units  | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    | ppm    |  |
| Avg    | .00272 | .00111 | .00078 | .00022 | .00200 | .0006  | .00007 |  |
| Stddev | .00255 | .00234 | .00031 | .00049 | .00007 | .0004  | .00010 |  |
| %RSD   | 93.746 | 210.37 | 39.639 | 224.13 | 3.3595 | 73.33  | 158.02 |  |

|    |         |         |         |         |         |        |         |  |
|----|---------|---------|---------|---------|---------|--------|---------|--|
| #1 | -.00092 | .00277  | -.00100 | -.00057 | -.00205 | -.0003 | .00001  |  |
| #2 | -.00453 | -.00054 | -.00056 | .00013  | -.00195 | -.0009 | -.00014 |  |

Sample Name: CCB03      Acquired: 1/13/2017 16:24:50      Type: Unk  
Method: P4-ICP2(v1845)      Mode: CONC      Corr. Factor: 1.000000  
User: JASWAL      Custom ID1: CCB03      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       | 3813.1  | 57550.  | 3207.0  | 148.92 | 4372.9 |
| Stddev    | 8.6     | 122.    | 34.4    | 1.04   | 6.8    |
| %RSD      | .22478  | .21202  | .41916  | .69929 | .15550 |
| #1        | 3807.0  | 57637.  | 8231.3  | 148.18 | 4368.1 |
| #2        | 3819.2  | 57464.  | 8182.7  | 149.65 | 4377.7 |