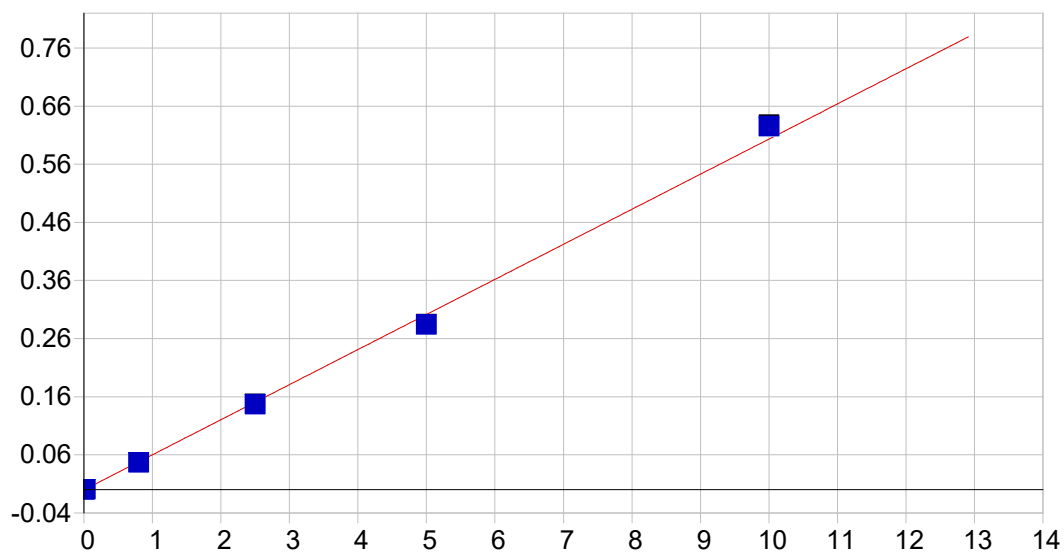


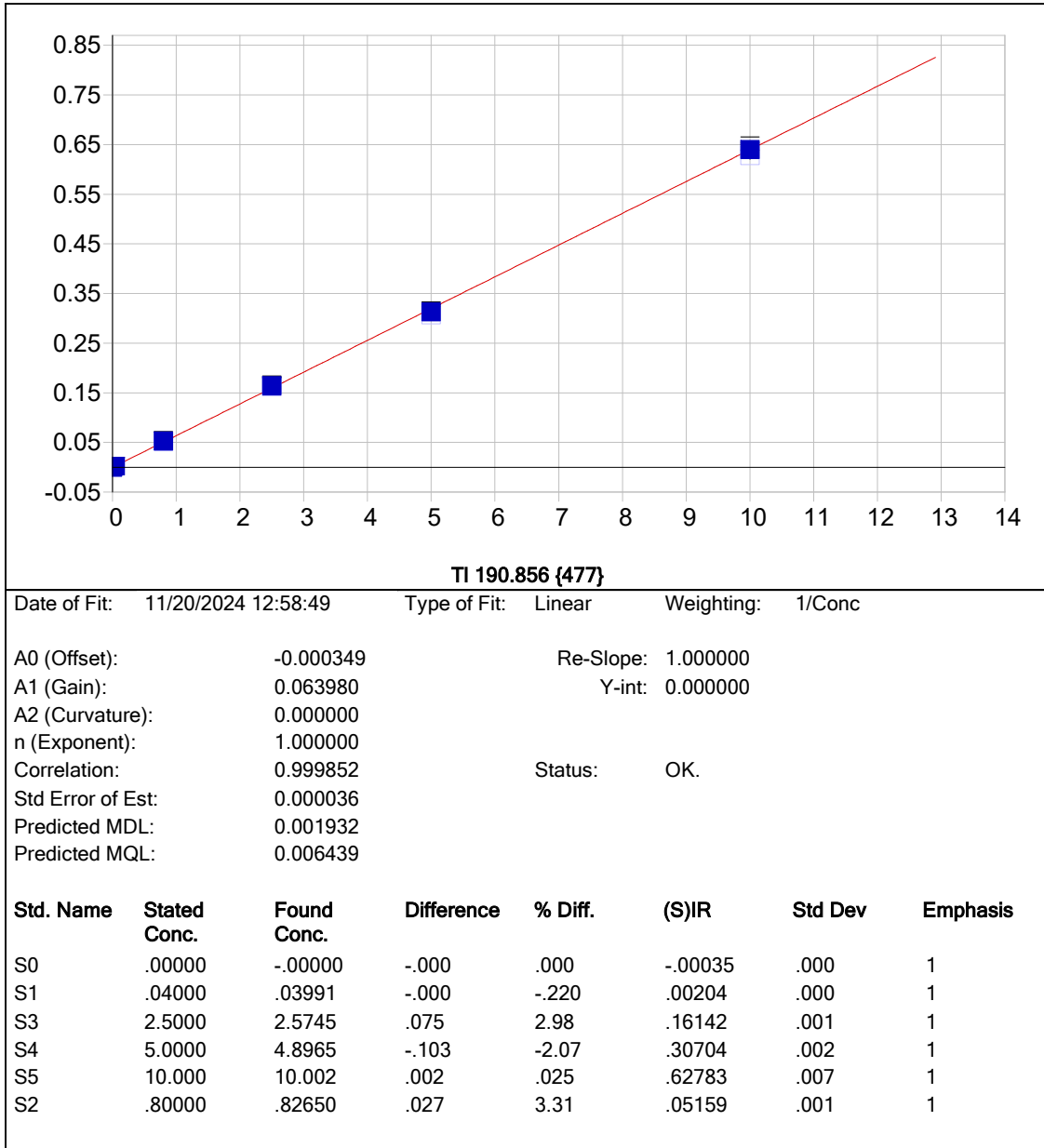


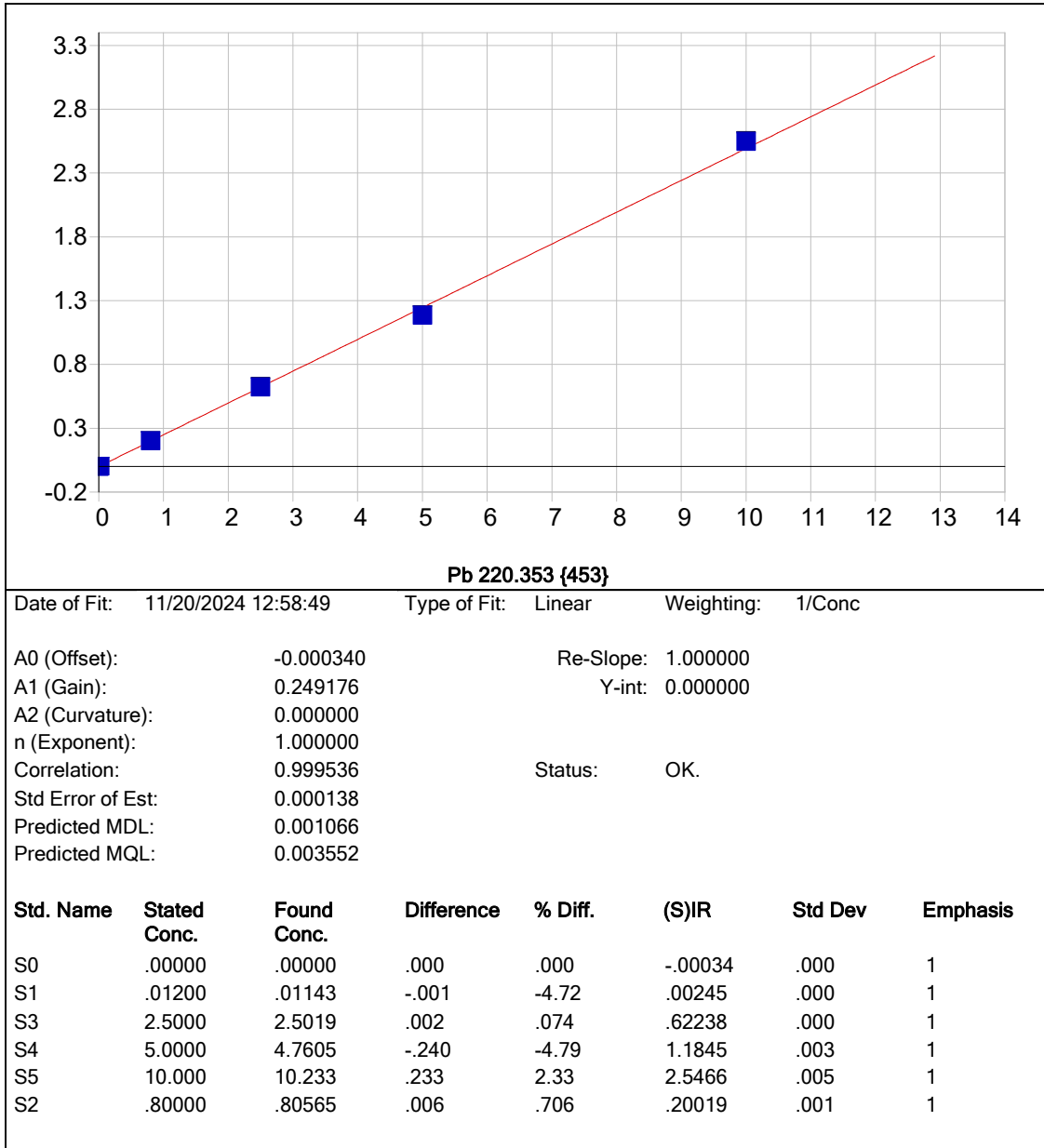
**As 189.042 {479}**

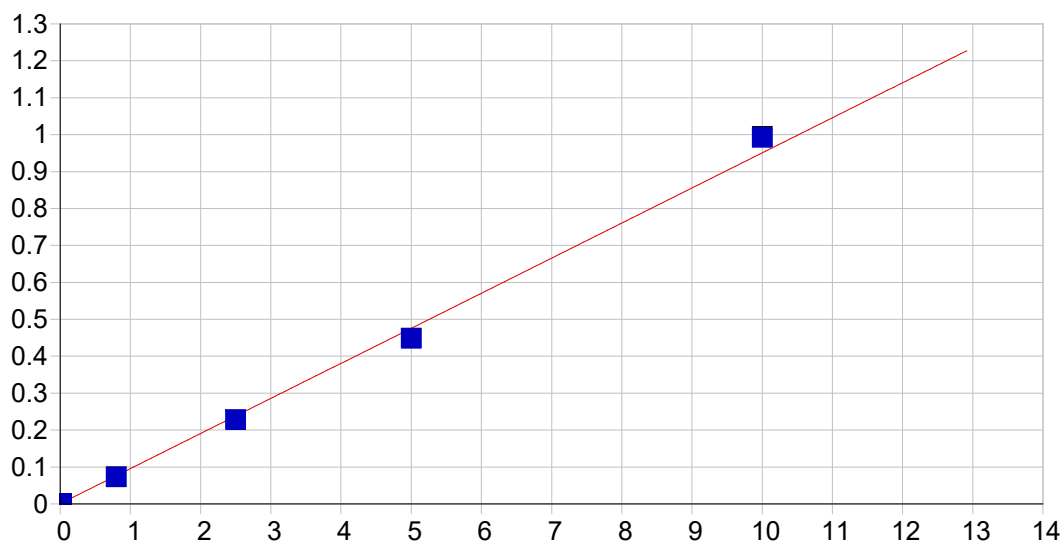
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000212 Re-Slope: 1.000000  
A1 (Gain): 0.060363 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999145 Status: OK.  
Std Error of Est: 0.000058  
Predicted MDL: 0.002459  
Predicted MQL: 0.008196

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00021 | .000    | 1        |
| S1        | .02000       | .01979      | -.000      | -1.03   | .00098  | .000    | 1        |
| S3        | 2.5000       | 2.4388      | -.061      | -2.45   | .14684  | .000    | 1        |
| S4        | 5.0000       | 4.7172      | -.283      | -5.66   | .28421  | .000    | 1        |
| S5        | 10.000       | 10.365      | .365       | 3.65    | .62478  | .002    | 1        |
| S2        | .80000       | .77970      | -.020      | -2.54   | .04680  | .000    | 1        |







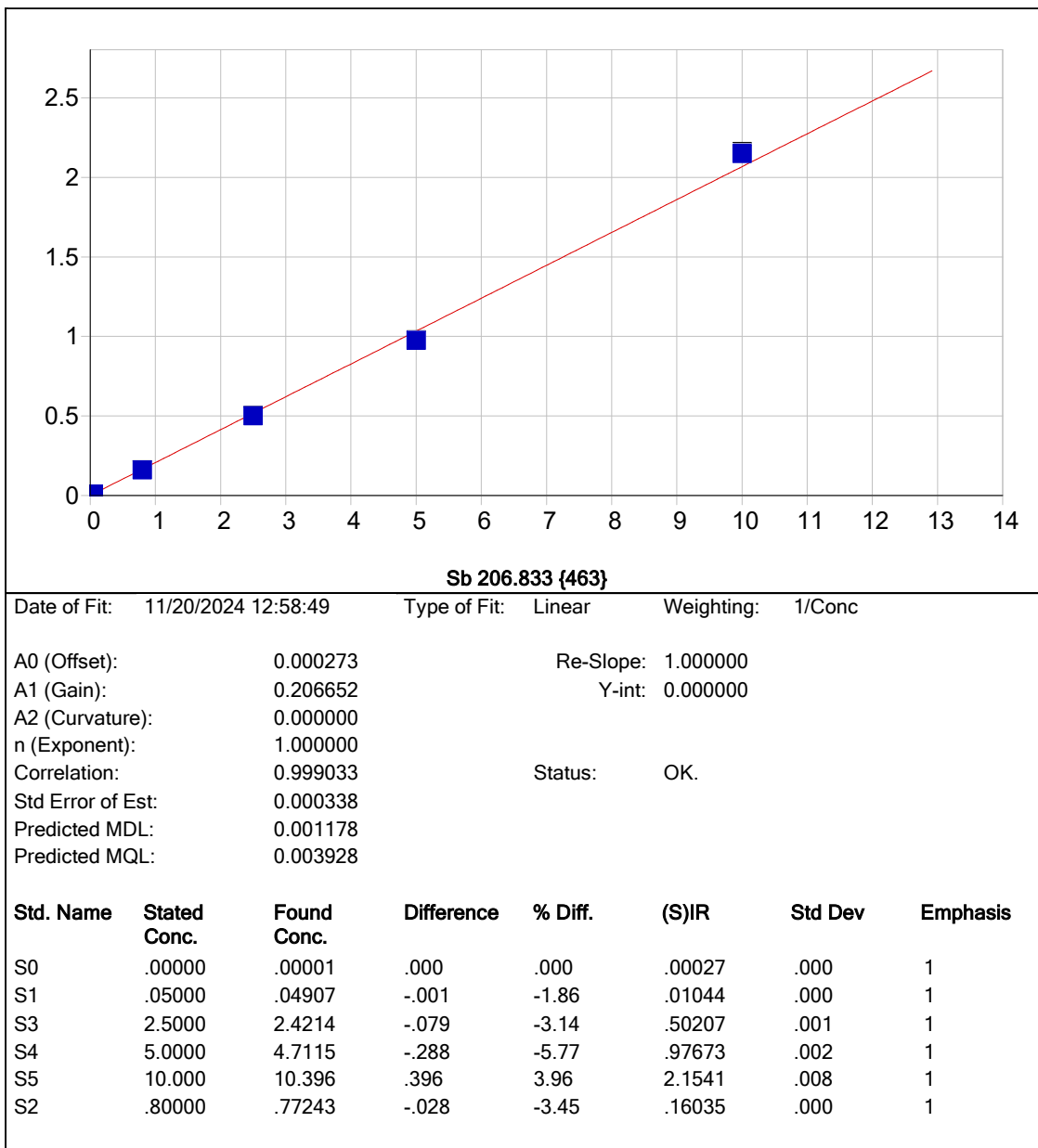
Se 196.090 {472}

Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000465 Re-Slope: 1.000000  
A1 (Gain): 0.095018 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998854 Status: OK.  
Std Error of Est: 0.000107  
Predicted MDL: 0.002097  
Predicted MQL: 0.006990

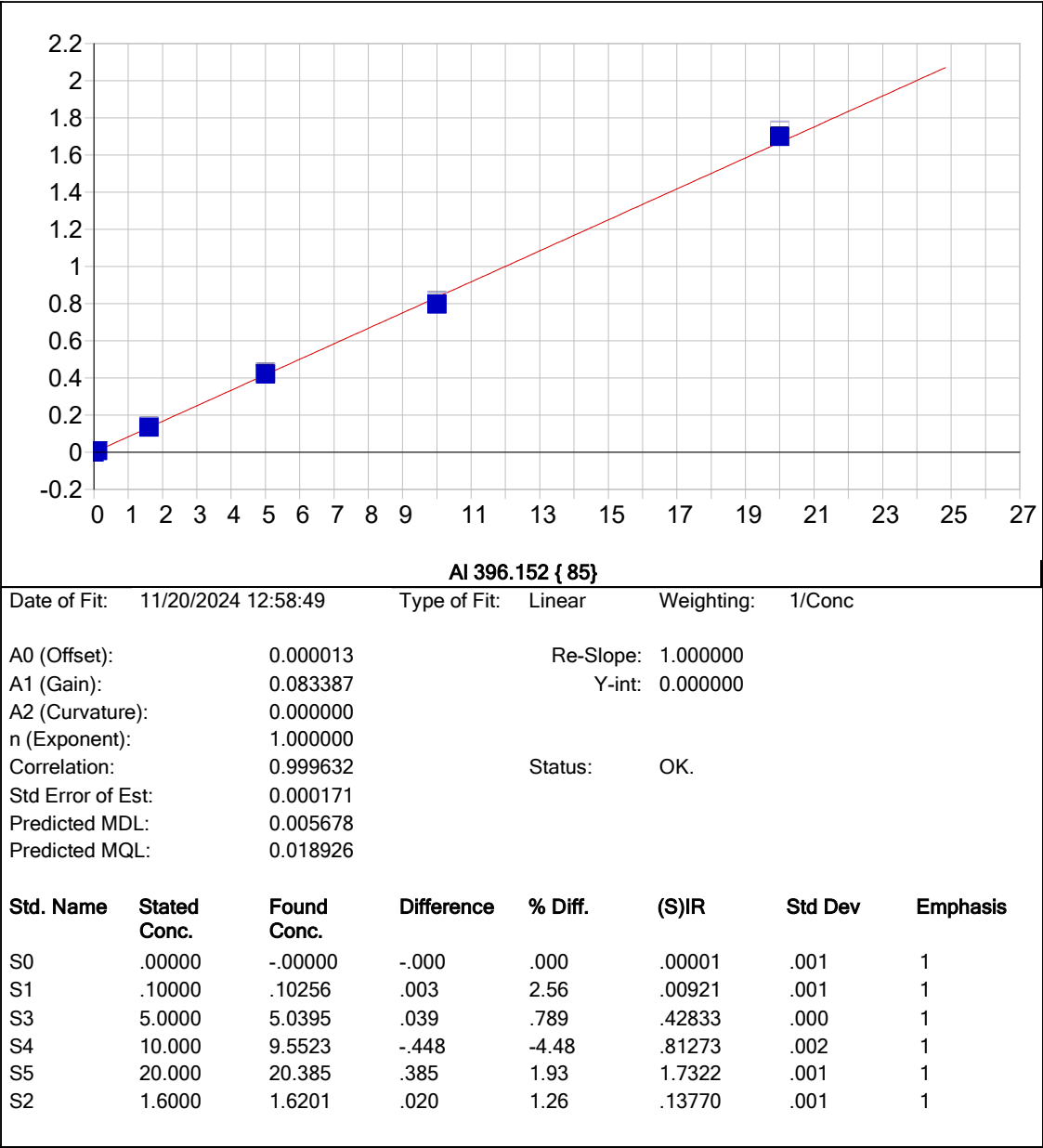
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00047 | .000    | 1        |
| S1        | .02000       | .01946      | -.001      | -2.71   | .00231 | .000    | 1        |
| S3        | 2.5000       | 2.3953      | -.105      | -4.19   | .22800 | .000    | 1        |
| S4        | 5.0000       | 4.7116      | -.288      | -5.77   | .44803 | .000    | 1        |
| S5        | 10.000       | 10.435      | .435       | 4.35    | .99171 | .003    | 1        |
| S2        | .80000       | .75890      | -.041      | -5.14   | .07256 | .000    | 1        |

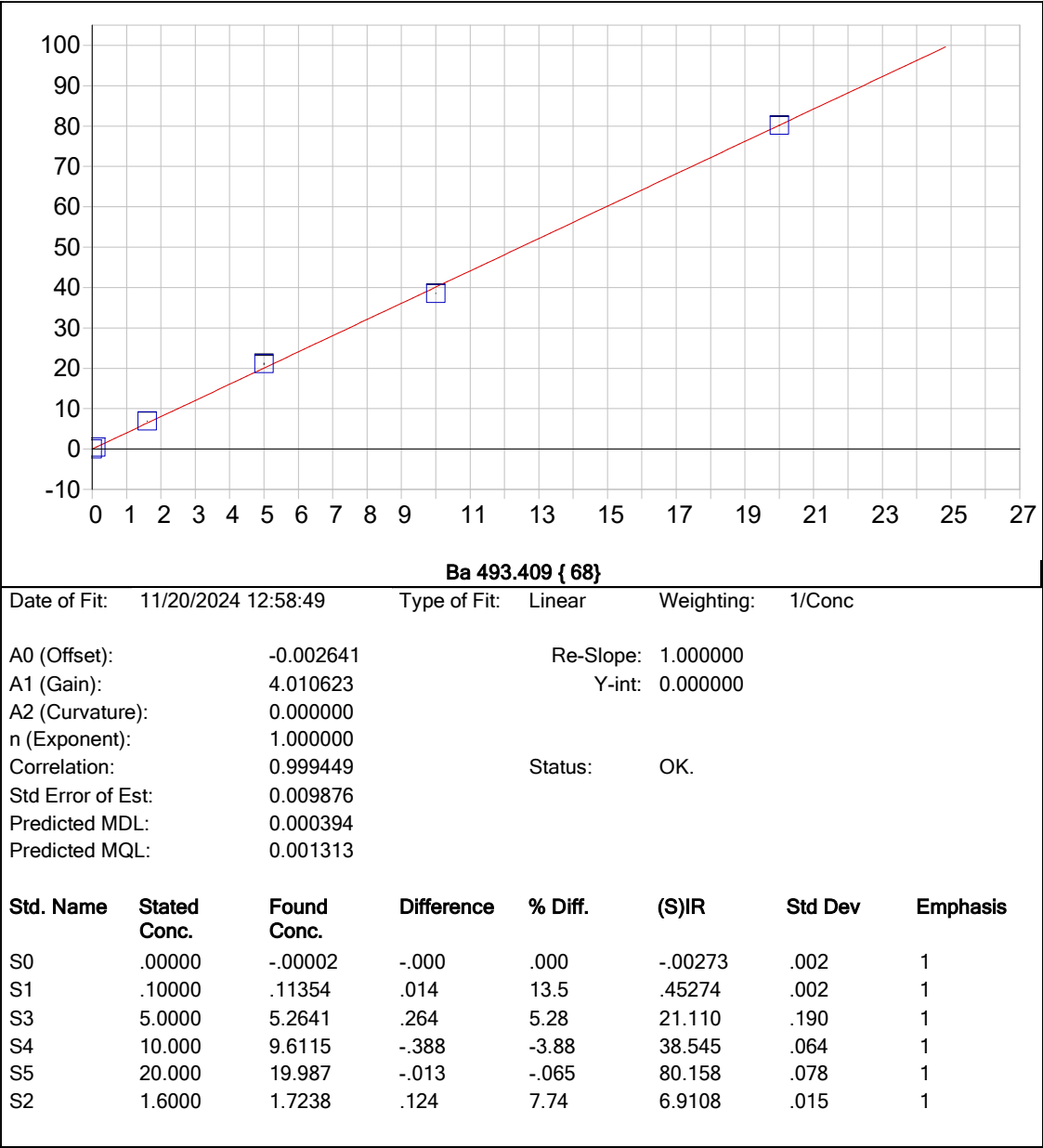


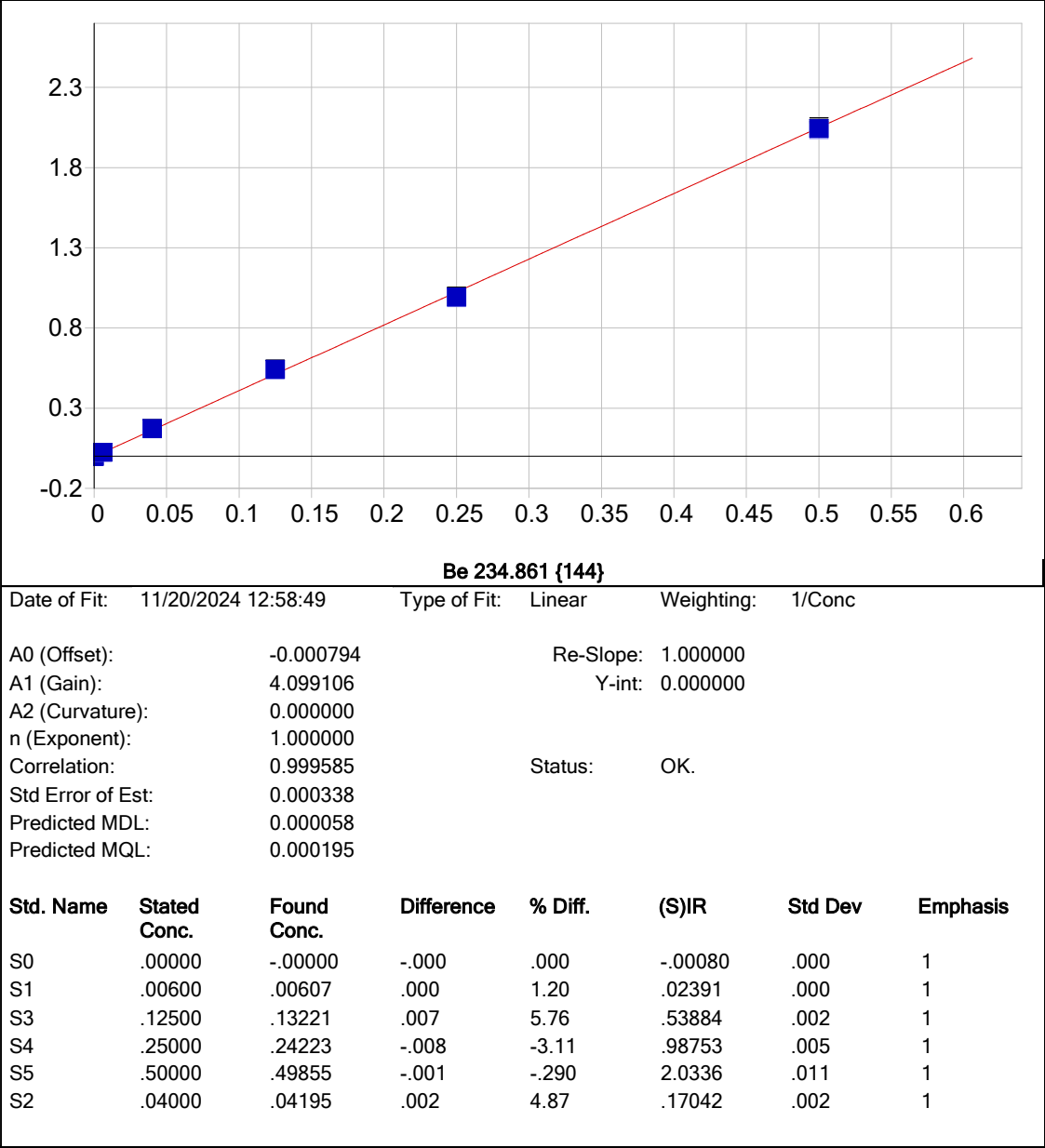


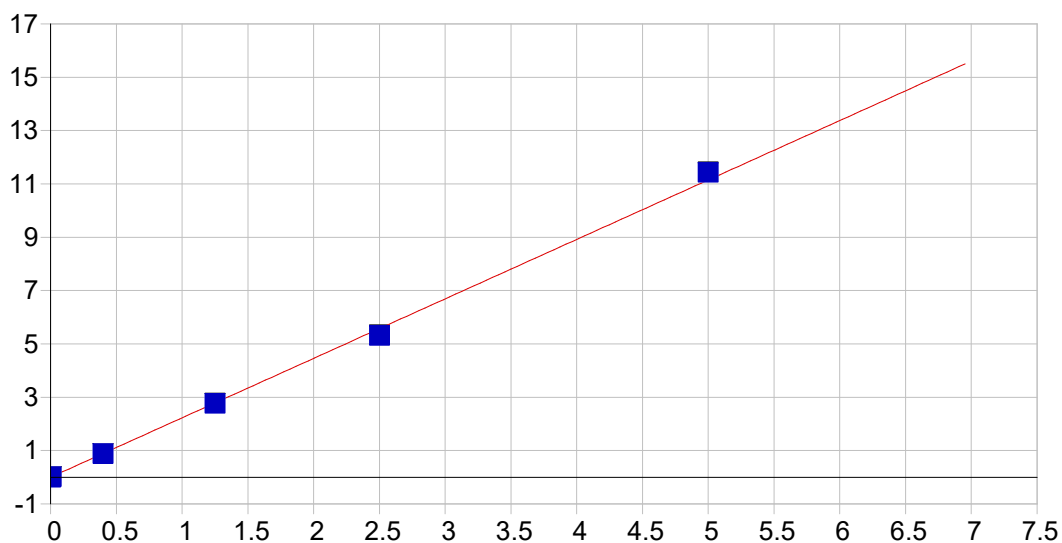
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000273 Re-Slope: 1.000000  
A1 (Gain): 0.206652 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999033 Status: OK.  
Std Error of Est: 0.000338  
Predicted MDL: 0.001178  
Predicted MQL: 0.003928







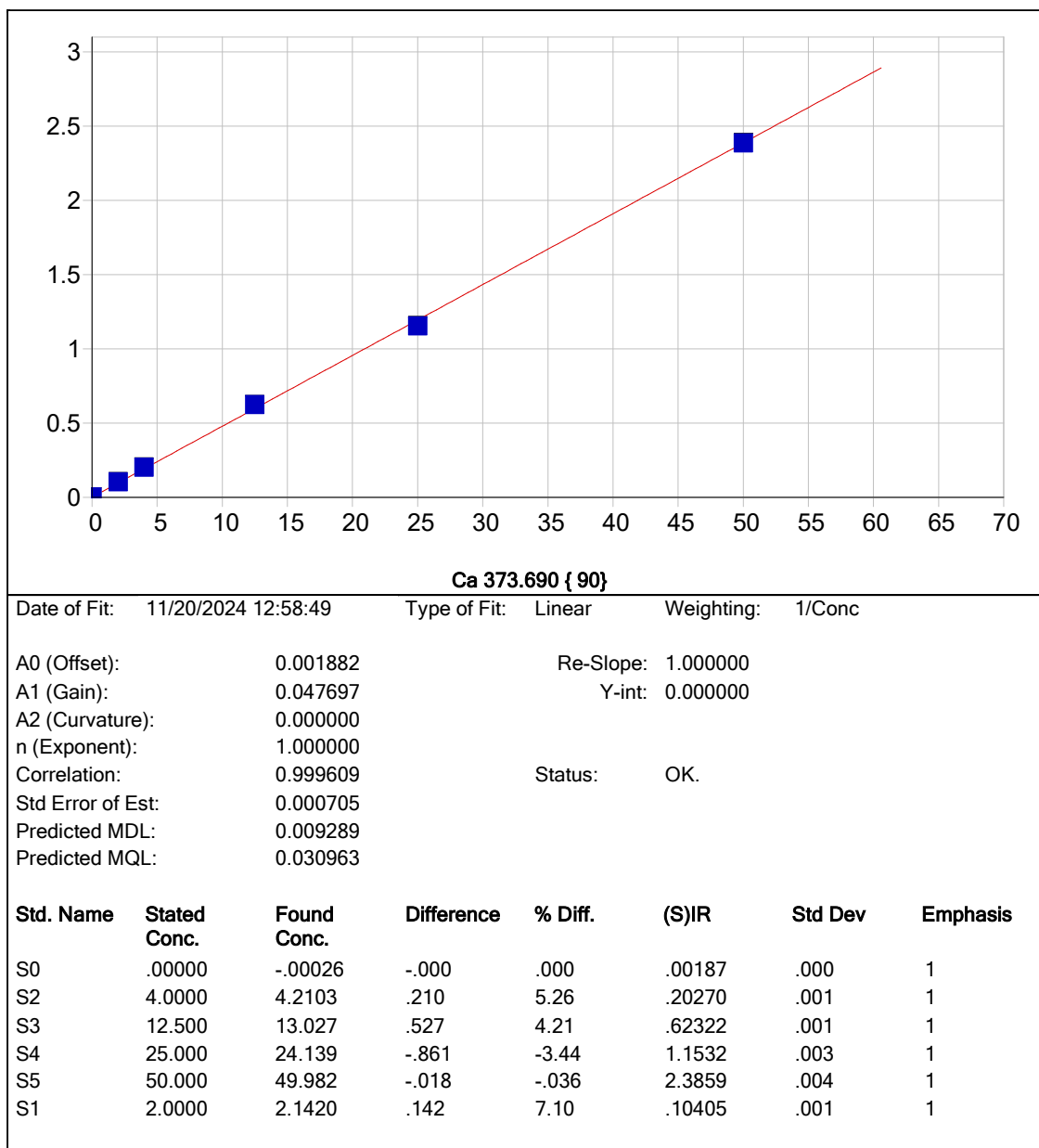


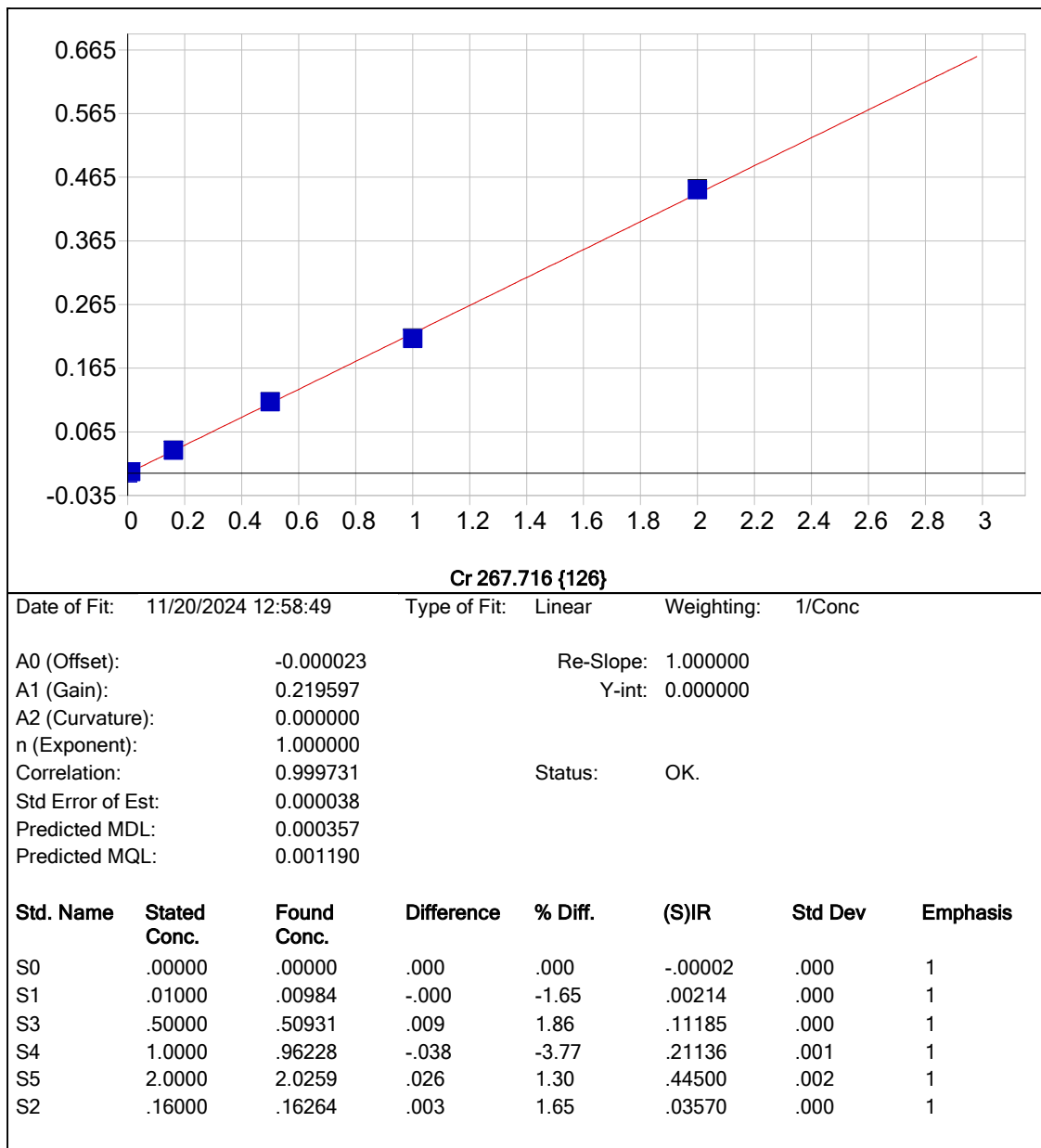
**Cd 226.502 {449}**

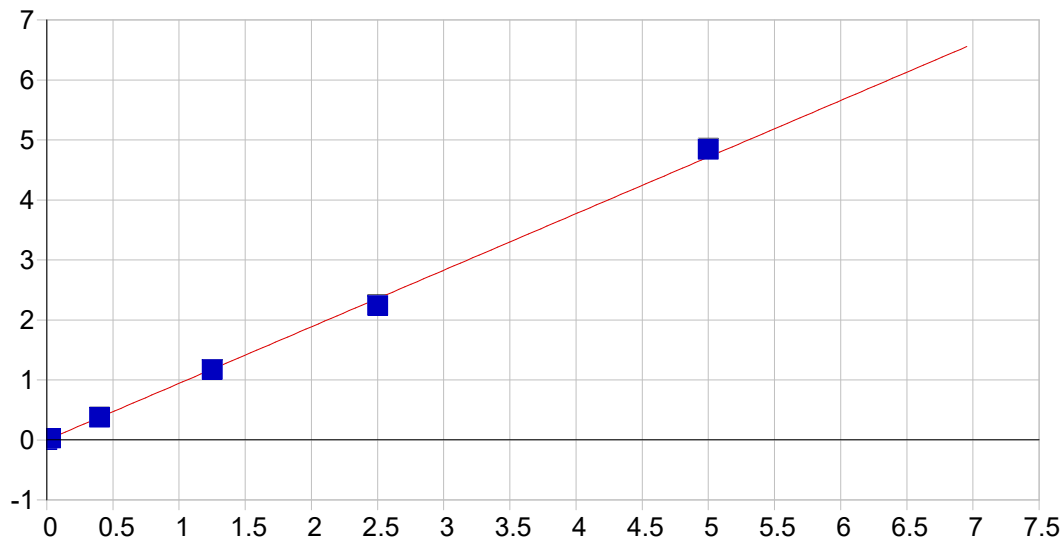
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000087 Re-Slope: 1.000000  
A1 (Gain): 2.229502 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999513 Status: OK.  
Std Error of Est: 0.000632  
Predicted MDL: 0.000092  
Predicted MQL: 0.000306

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00009 | .000    | 1        |
| S1        | .00600       | .00745      | .001       | 24.2    | .01658  | .000    | 1        |
| S3        | 1.2500       | 1.2424      | -.008      | -.610   | 2.7719  | .002    | 1        |
| S4        | 2.5000       | 2.3842      | -.116      | -4.63   | 5.3198  | .018    | 1        |
| S5        | 5.0000       | 5.1254      | .125       | 2.51    | 11.435  | .014    | 1        |
| S2        | .40000       | .39650      | -.004      | -.876   | .88458  | .003    | 1        |







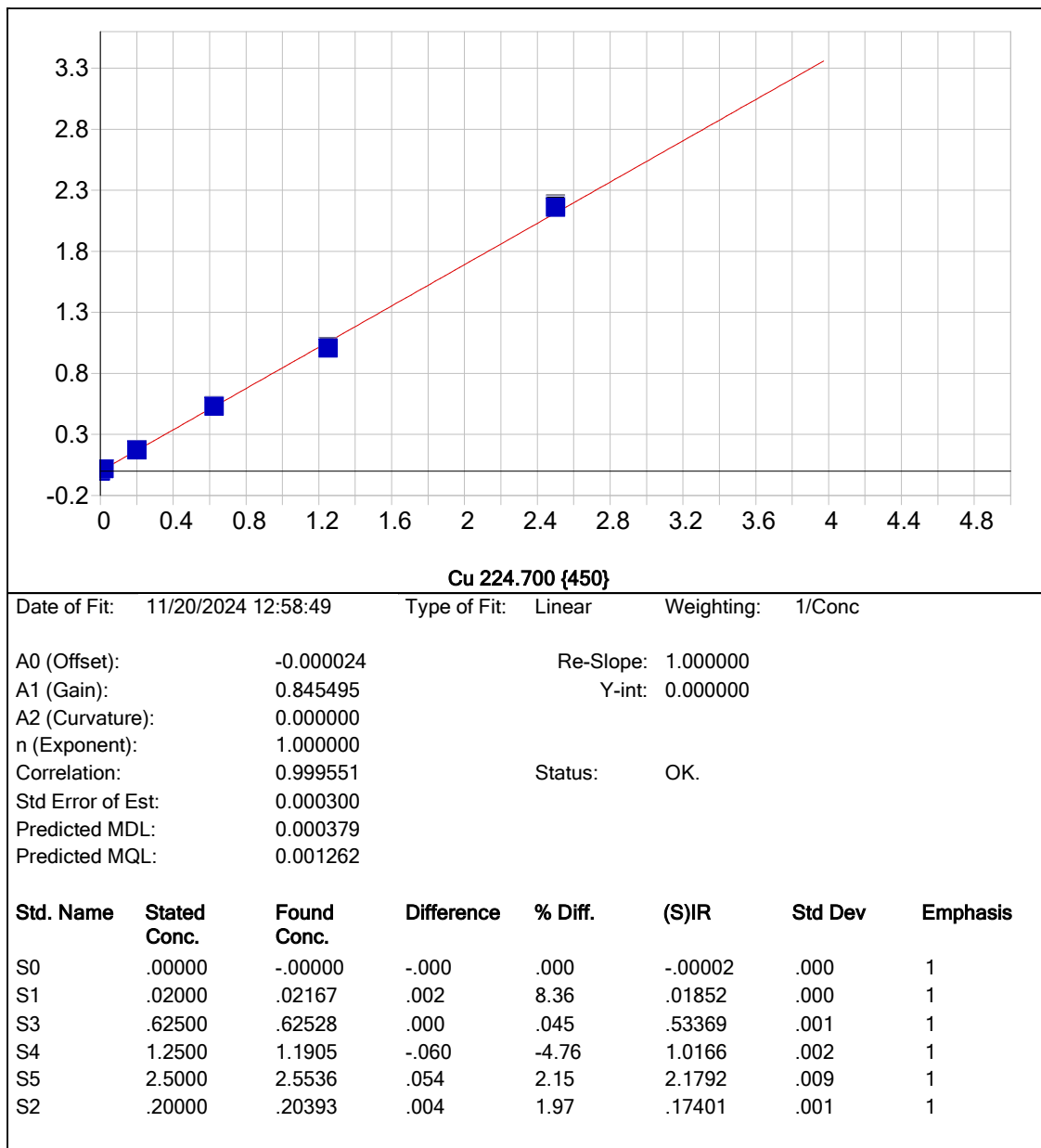
Co 228.616 {448}

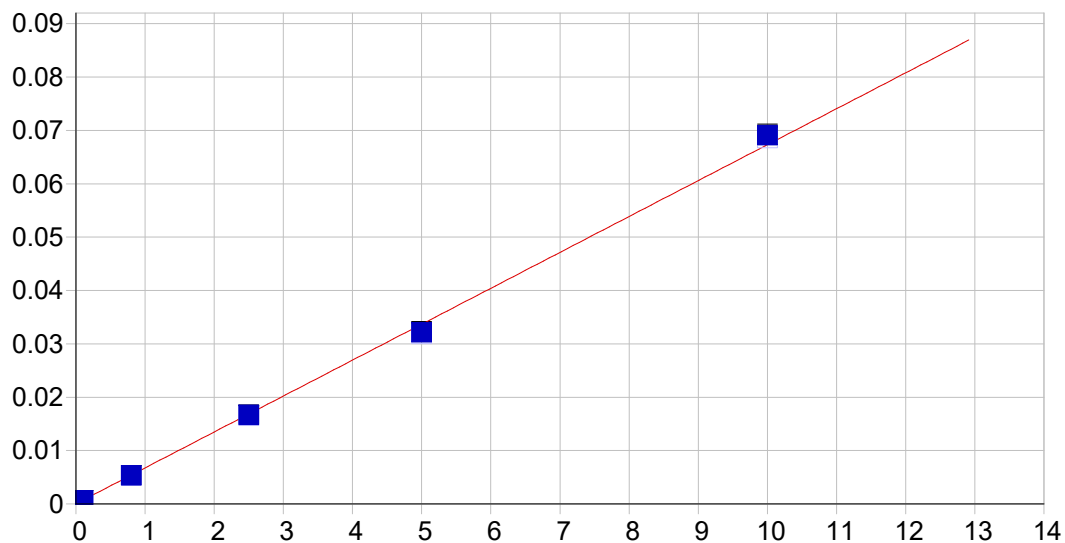
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000069 Re-Slope: 1.000000  
A1 (Gain): 0.942715 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999454 Status: OK.  
Std Error of Est: 0.000634  
Predicted MDL: 0.000195  
Predicted MQL: 0.000651

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00007 | .000    | 1        |
| S1        | .03000       | .03043      | .000       | 1.44    | .02850  | .000    | 1        |
| S3        | 1.2500       | 1.2404      | -.010      | -.770   | 1.1712  | .001    | 1        |
| S4        | 2.5000       | 2.3745      | -.125      | -5.02   | 2.2424  | .007    | 1        |
| S5        | 5.0000       | 5.1357      | .136       | 2.71    | 4.8494  | .011    | 1        |
| S2        | .40000       | .39897      | -.001      | -.258   | .37668  | .001    | 1        |





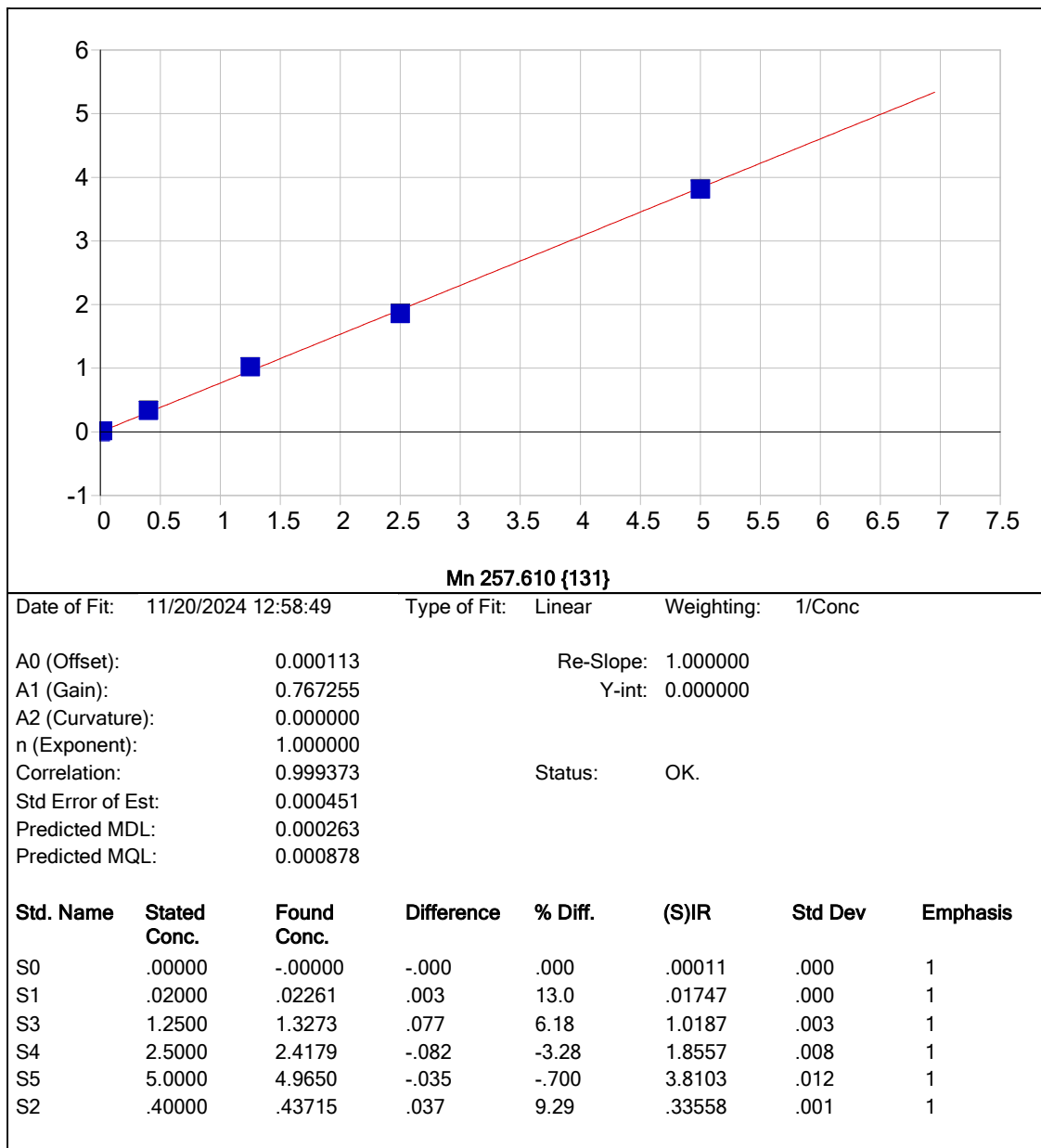


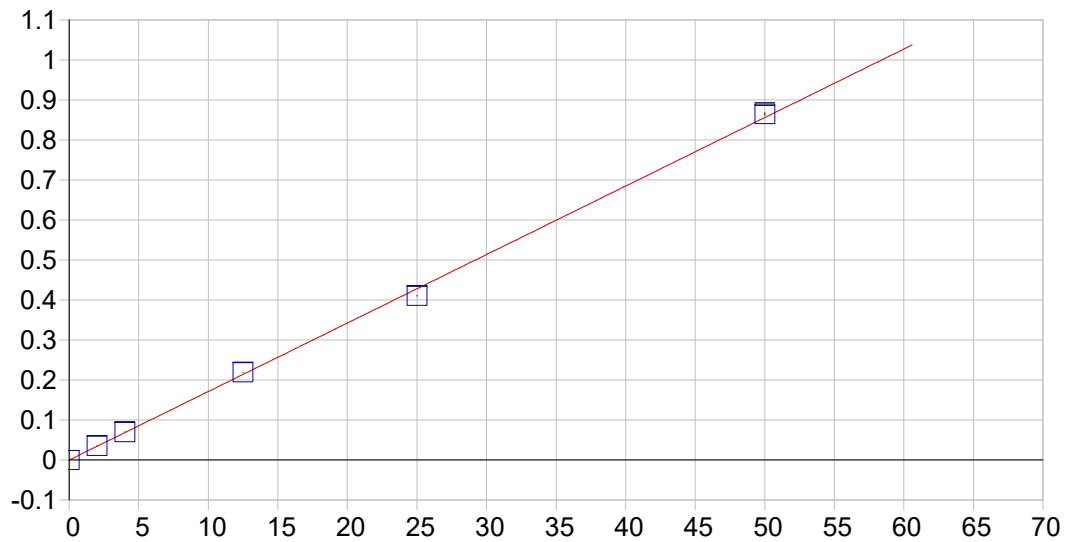
**Fe 240.488 {140}**

Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000024 Re-Slope: 1.000000  
A1 (Gain): 0.006730 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999508 Status: OK.  
Std Error of Est: 0.000011  
Predicted MDL: 0.003913  
Predicted MQL: 0.013042

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .10000       | .09750      | -.002      | -2.50   | .00067 | .000    | 1        |
| S3        | 2.5000       | 2.4723      | -.028      | -1.11   | .01652 | .000    | 1        |
| S4        | 5.0000       | 4.7732      | -.227      | -4.54   | .03186 | .000    | 1        |
| S5        | 10.000       | 10.266      | .266       | 2.66    | .06854 | .000    | 1        |
| S2        | .80000       | .79132      | -.009      | -1.09   | .00530 | .000    | 1        |



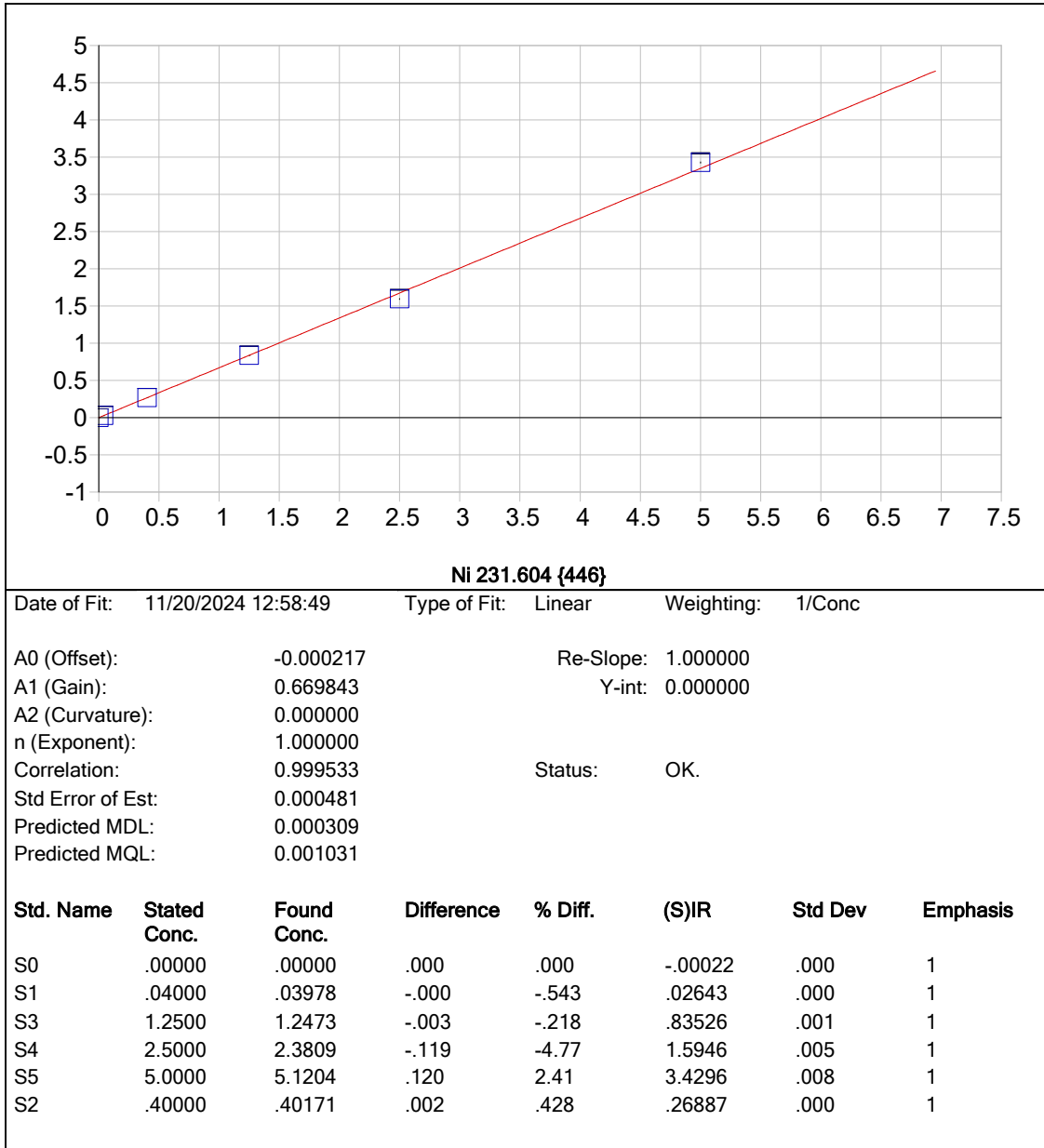


**Mg 279.079 {121}**

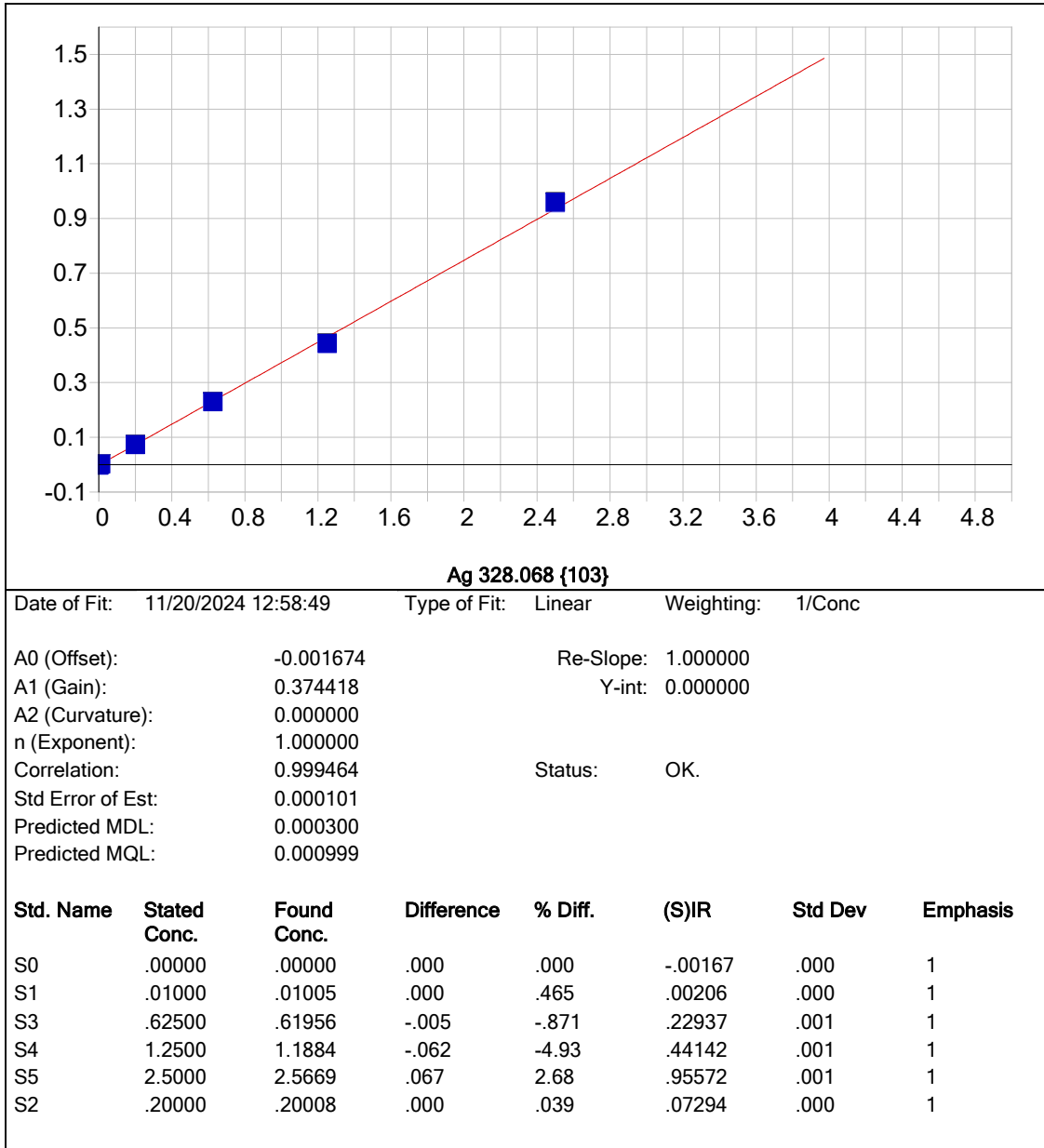
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000205 Re-Slope: 1.000000  
A1 (Gain): 0.017122 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999673 Status: OK.  
Std Error of Est: 0.000232  
Predicted MDL: 0.012023  
Predicted MQL: 0.040076

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00013     | -.000      | .000    | -.00021 | .000    | 1        |
| S2        | 4.0000       | 4.0945      | .095       | 2.36    | .06990  | .000    | 1        |
| S3        | 12.500       | 12.799      | .299       | 2.39    | .21894  | .001    | 1        |
| S4        | 25.000       | 23.977      | -1.02      | -4.09   | .41033  | .001    | 1        |
| S5        | 50.000       | 50.538      | .538       | 1.08    | .86509  | .003    | 1        |
| S1        | 2.0000       | 2.0908      | .091       | 4.54    | .03559  | .000    | 1        |

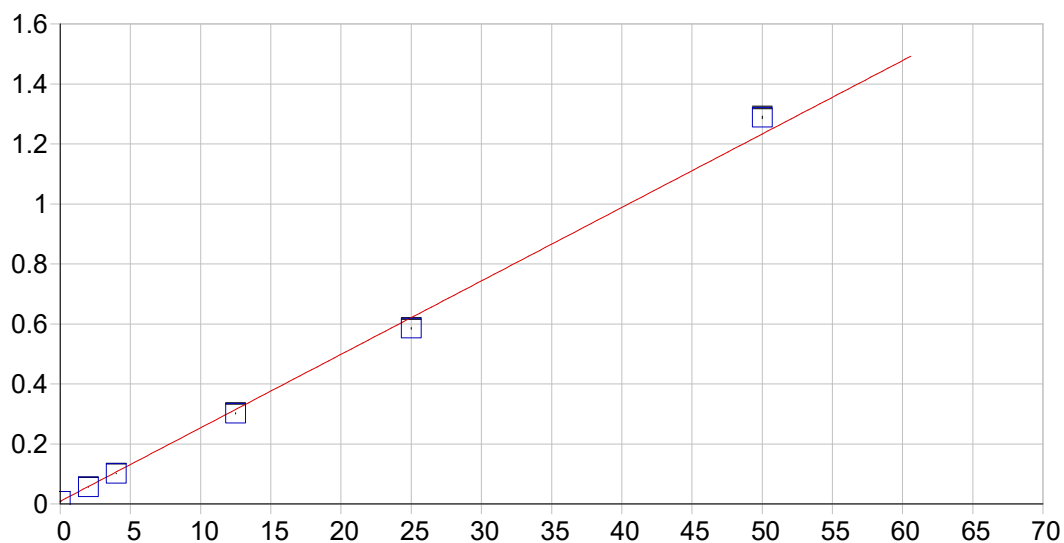


|                   |                     |              |          |            |        |
|-------------------|---------------------|--------------|----------|------------|--------|
| Date of Fit:      | 11/20/2024 12:58:49 | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | -0.000217           | Re-Slope:    | 1.000000 |            |        |
| A1 (Gain):        | 0.669843            | Y-int:       | 0.000000 |            |        |
| A2 (Curvature):   | 0.000000            |              |          |            |        |
| n (Exponent):     | 1.000000            |              |          |            |        |
| Correlation:      | 0.999533            | Status:      | OK.      |            |        |
| Std Error of Est: | 0.000481            |              |          |            |        |
| Predicted MDL:    | 0.000309            |              |          |            |        |
| Predicted MQL:    | 0.001031            |              |          |            |        |



Date of Fit: 11/20/2024 12:58:49      Type of Fit: Linear      Weighting: 1/Conc

A0 (Offset): -0.001674      Re-Slope: 1.000000  
A1 (Gain): 0.374418      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999464      Status: OK.  
Std Error of Est: 0.000101  
Predicted MDL: 0.000300  
Predicted MQL: 0.000999

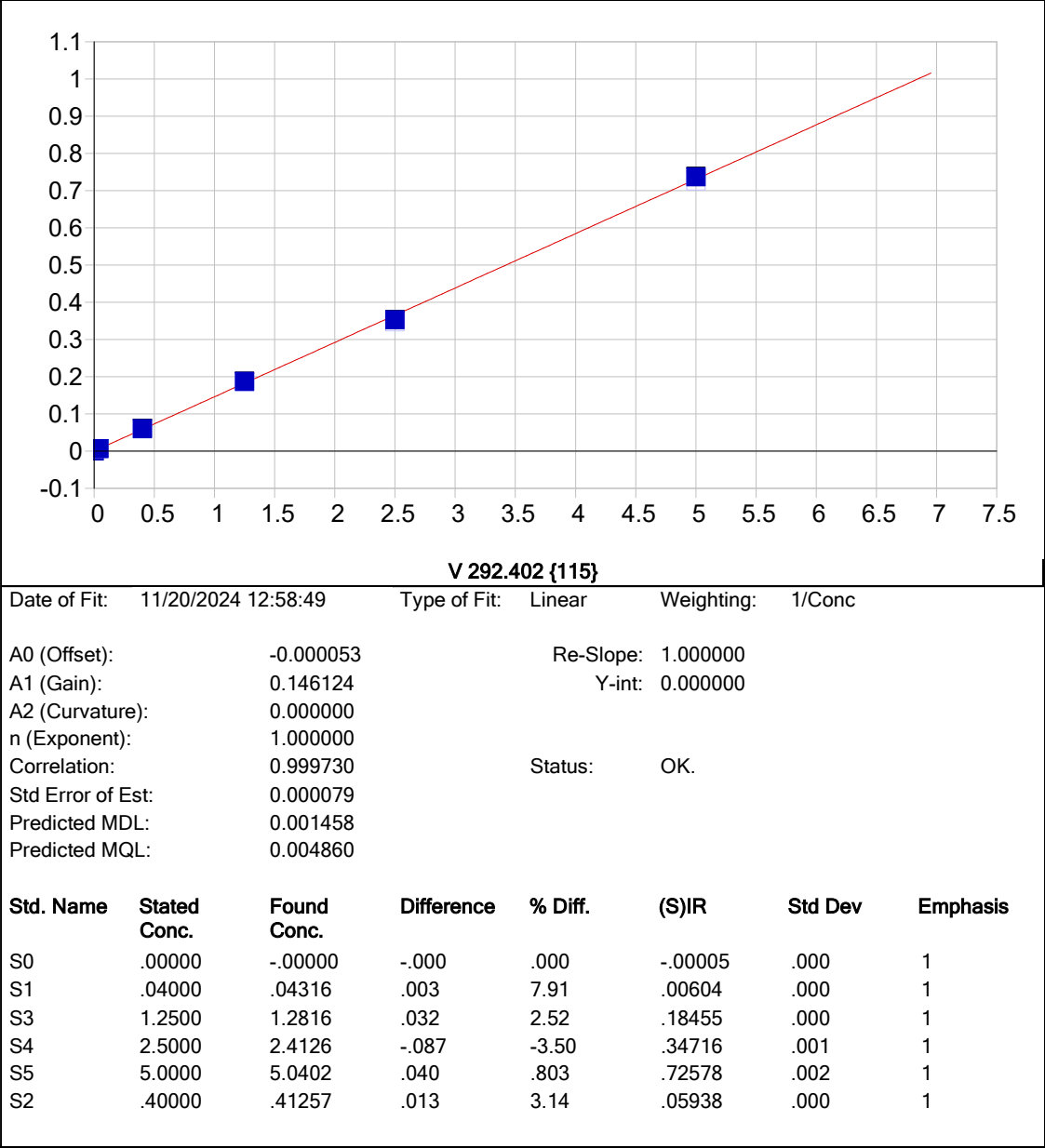


**Na 589.592 { 57}**

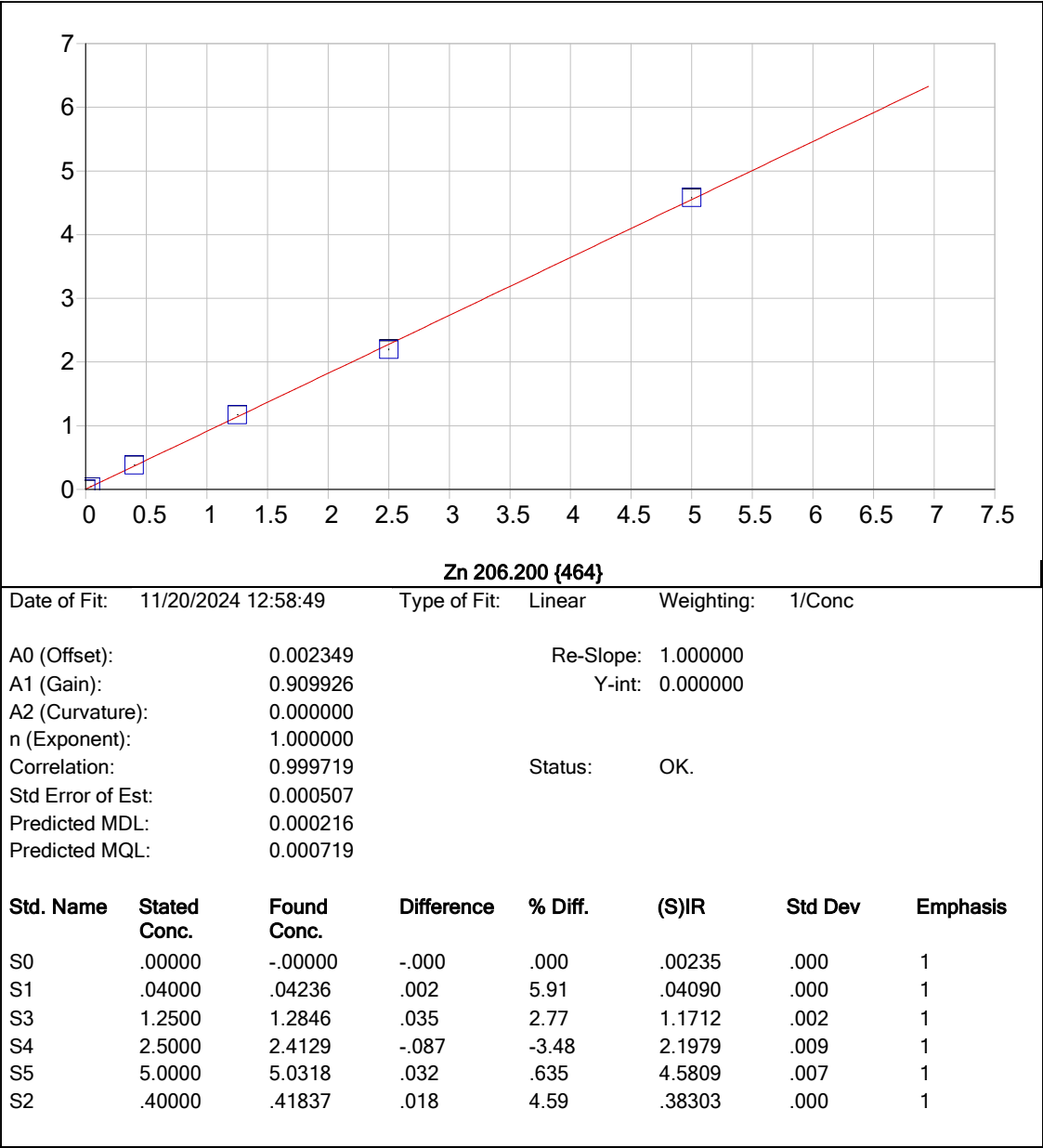
Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

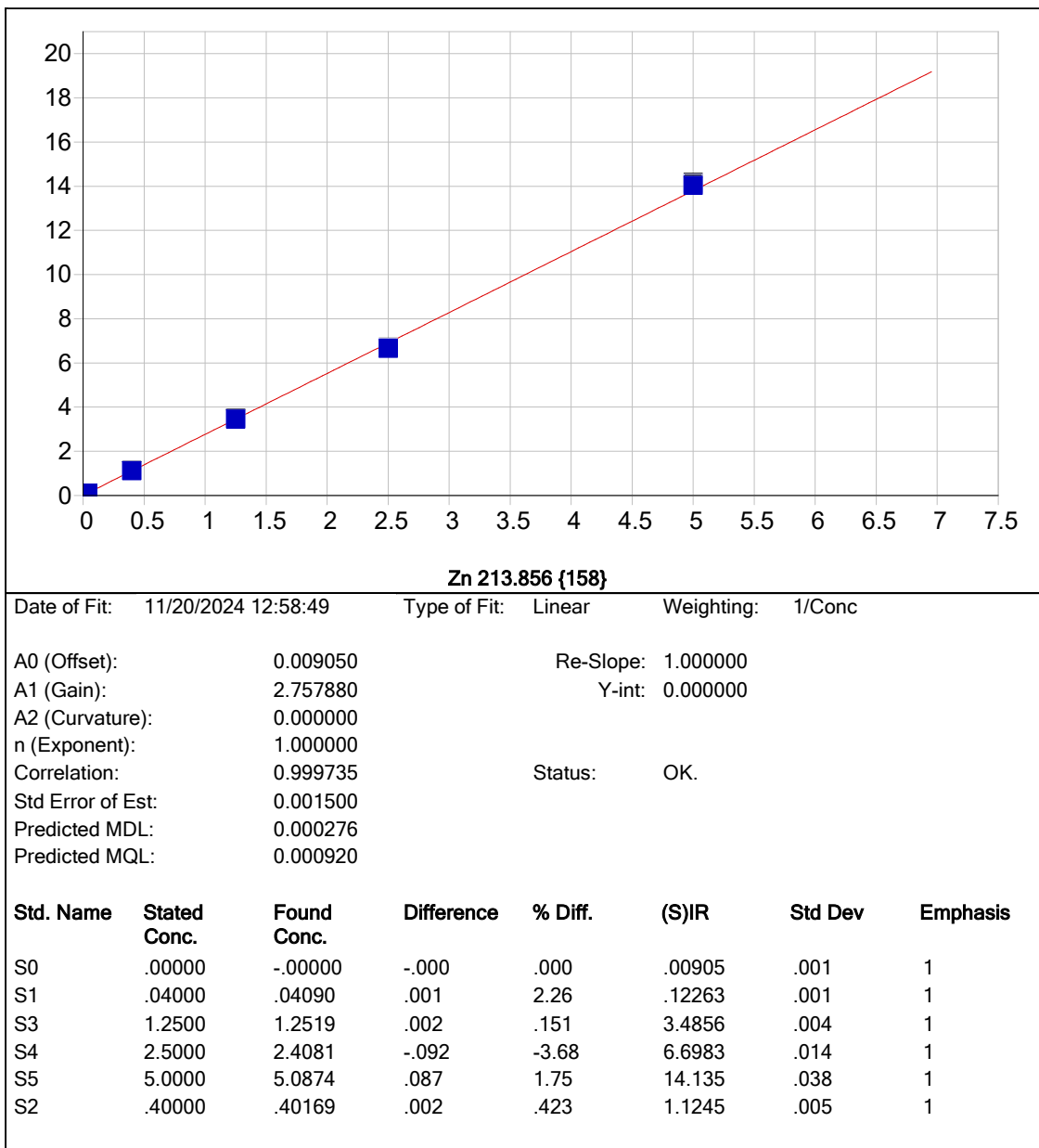
A0 (Offset): 0.009058 Re-Slope: 1.000000  
A1 (Gain): 0.024477 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998782 Status: OK.  
Std Error of Est: 0.000640  
Predicted MDL: 0.007352  
Predicted MQL: 0.024507

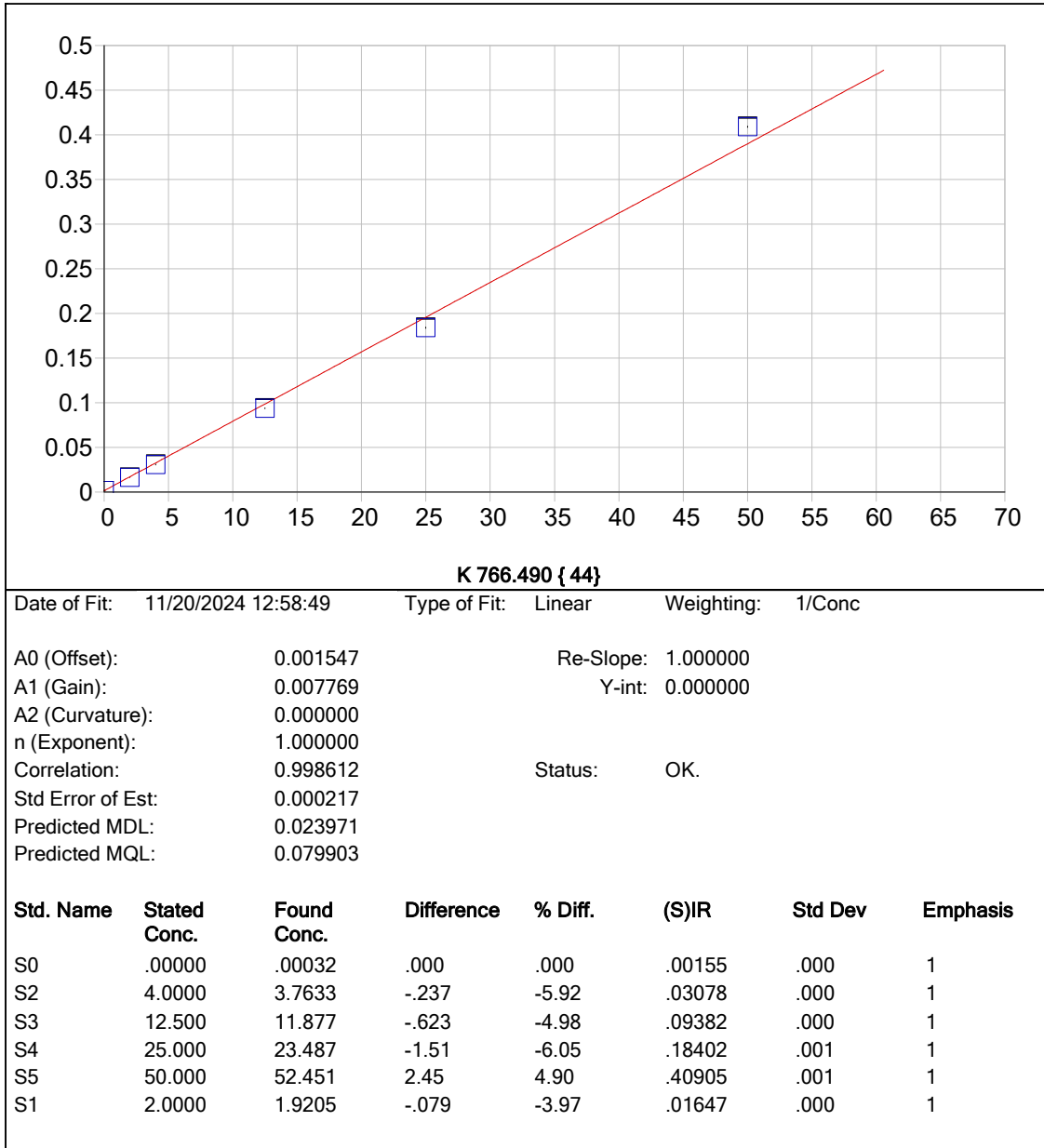
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00030      | .000       | .000    | .00906 | .000    | 1        |
| S2        | 4.0000       | 3.7674      | -.233      | -5.82   | .10127 | .001    | 1        |
| S3        | 12.500       | 11.964      | -.536      | -4.29   | .30190 | .002    | 1        |
| S4        | 25.000       | 23.548      | -1.45      | -5.81   | .58544 | .003    | 1        |
| S5        | 50.000       | 52.289      | 2.29       | 4.58    | 1.2889 | .004    | 1        |
| S1        | 2.0000       | 1.9312      | -.069      | -3.44   | .05633 | .000    | 1        |





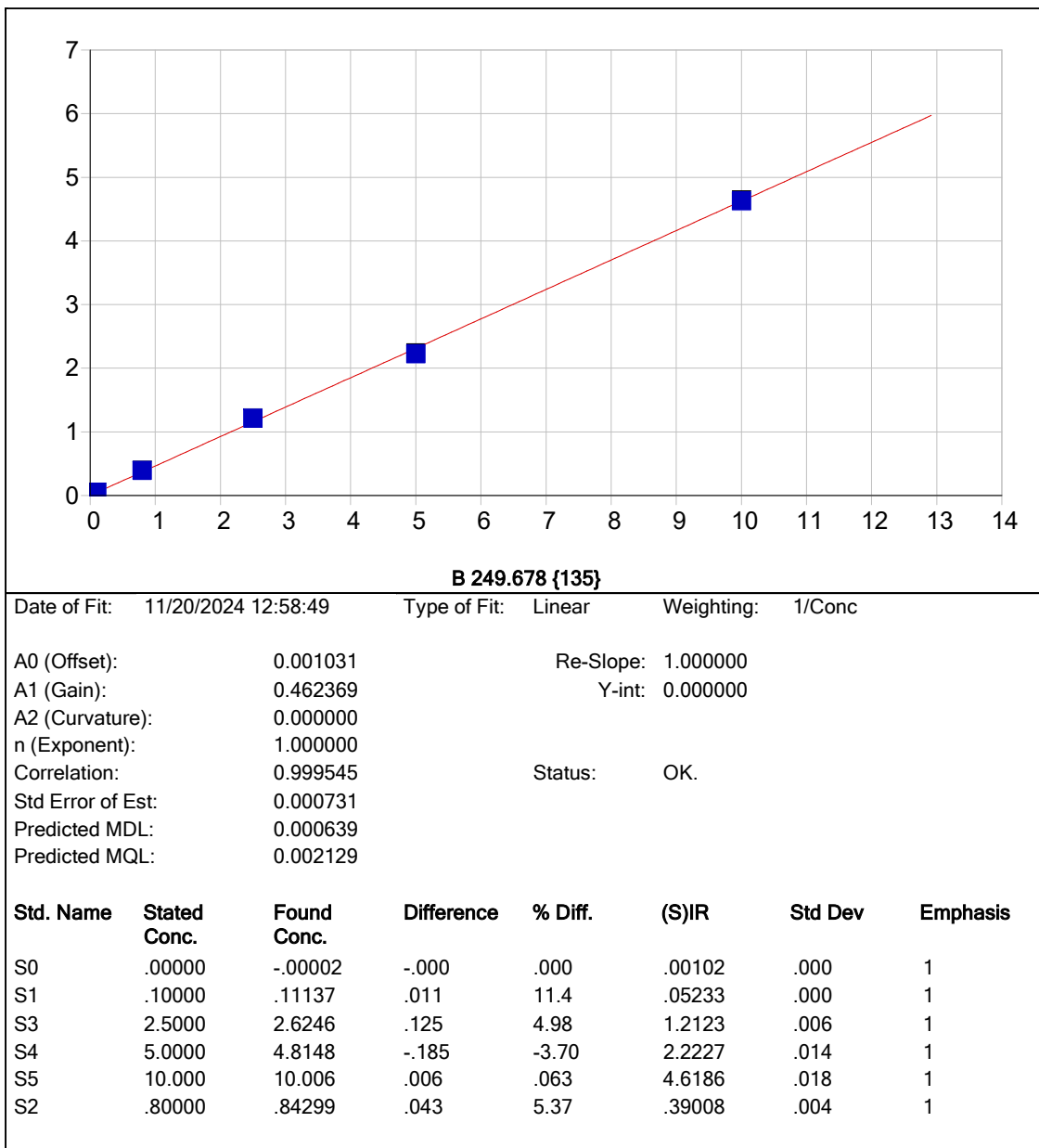






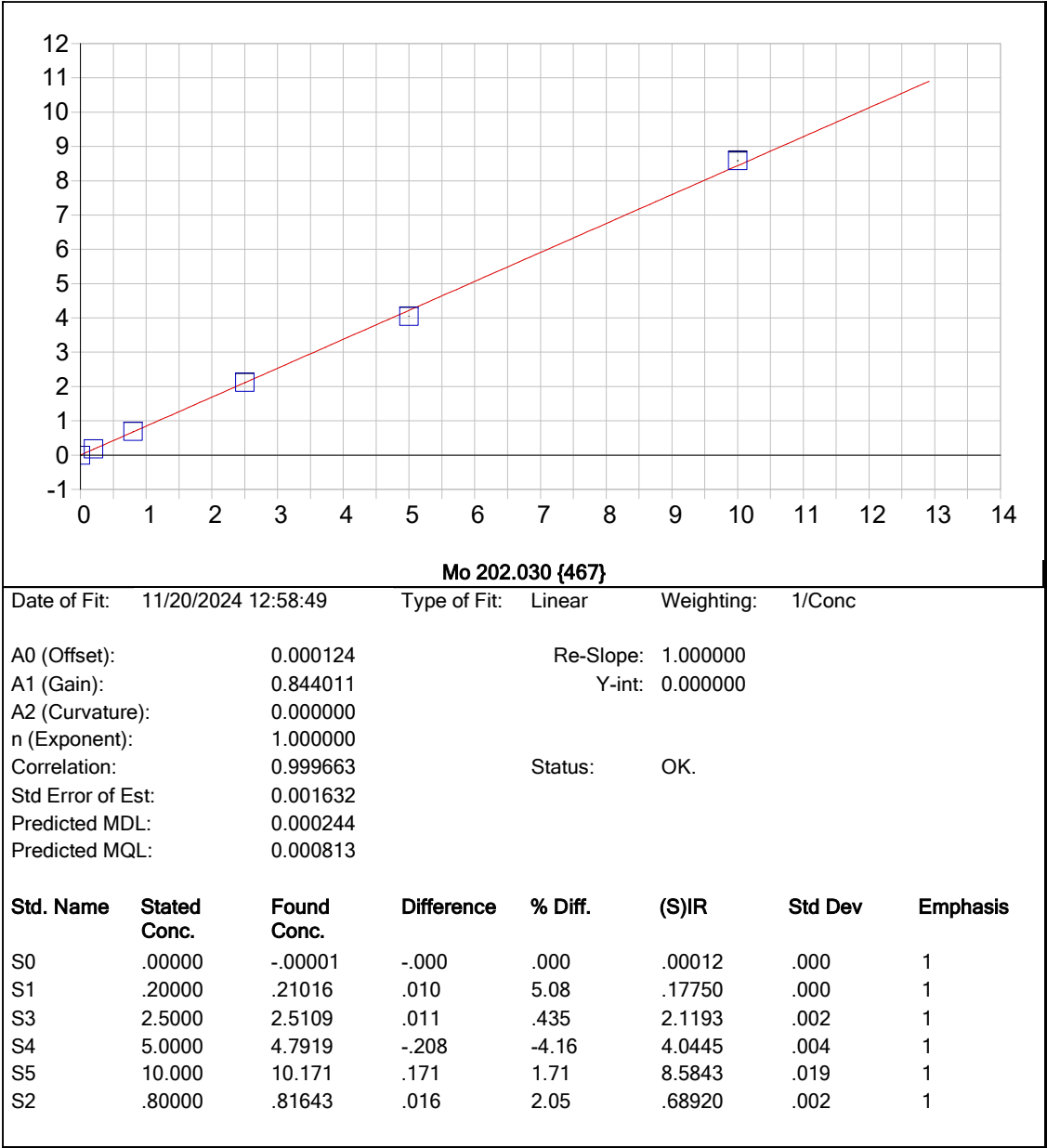
Date of Fit: 11/20/2024 12:58:49      Type of Fit: Linear      Weighting: 1/Conc

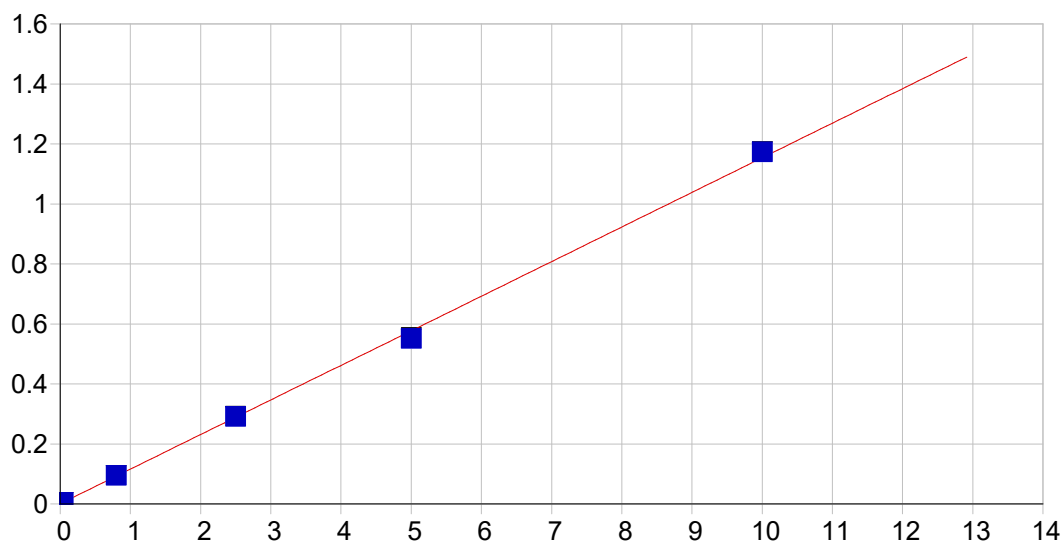
A0 (Offset): 0.001547      Re-Slope: 1.000000  
A1 (Gain): 0.007769      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998612      Status: OK.  
Std Error of Est: 0.000217  
Predicted MDL: 0.023971  
Predicted MQL: 0.079903



Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001031 Re-Slope: 1.000000  
A1 (Gain): 0.462369 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999545 Status: OK.  
Std Error of Est: 0.000731  
Predicted MDL: 0.000639  
Predicted MQL: 0.002129



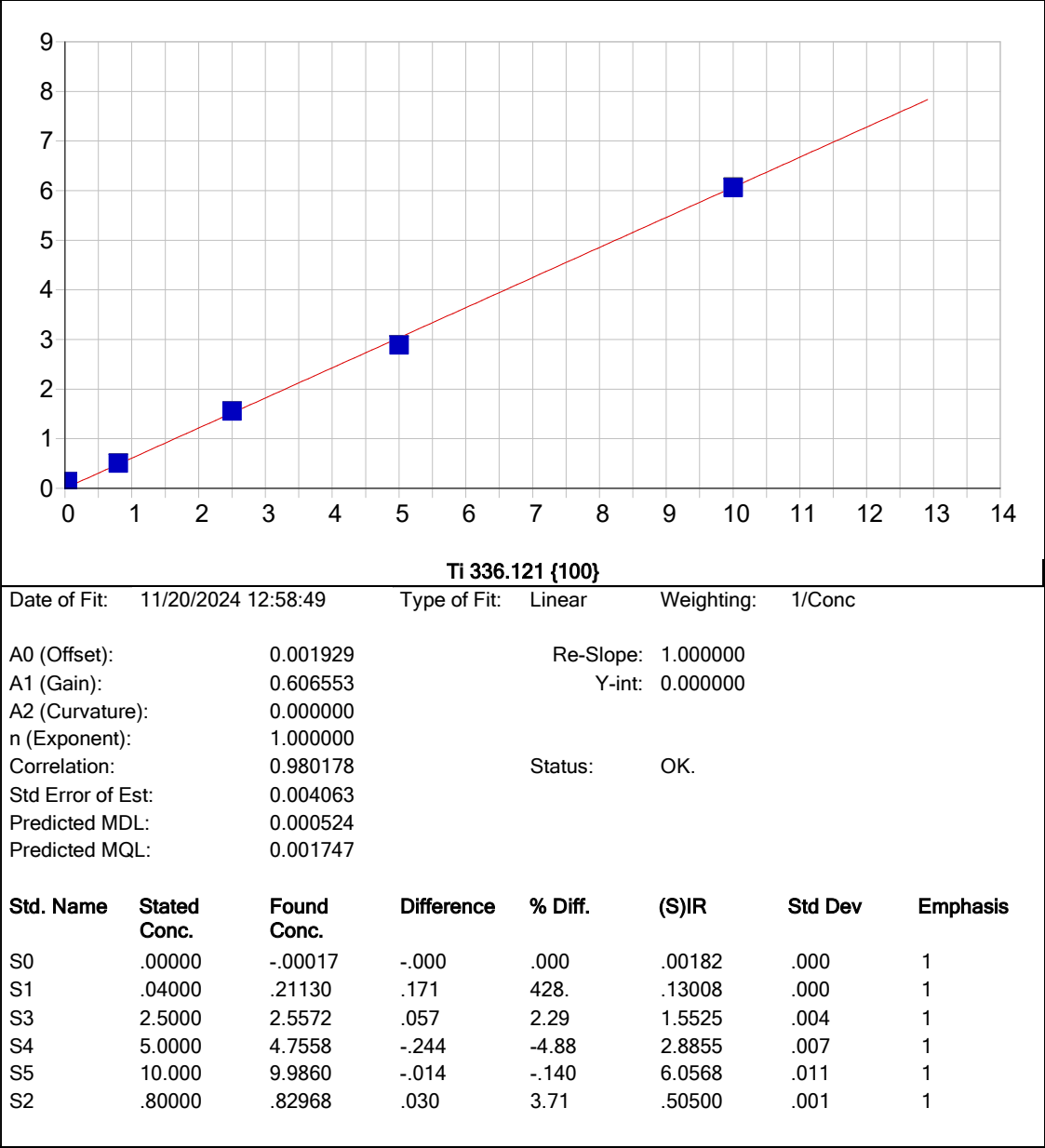


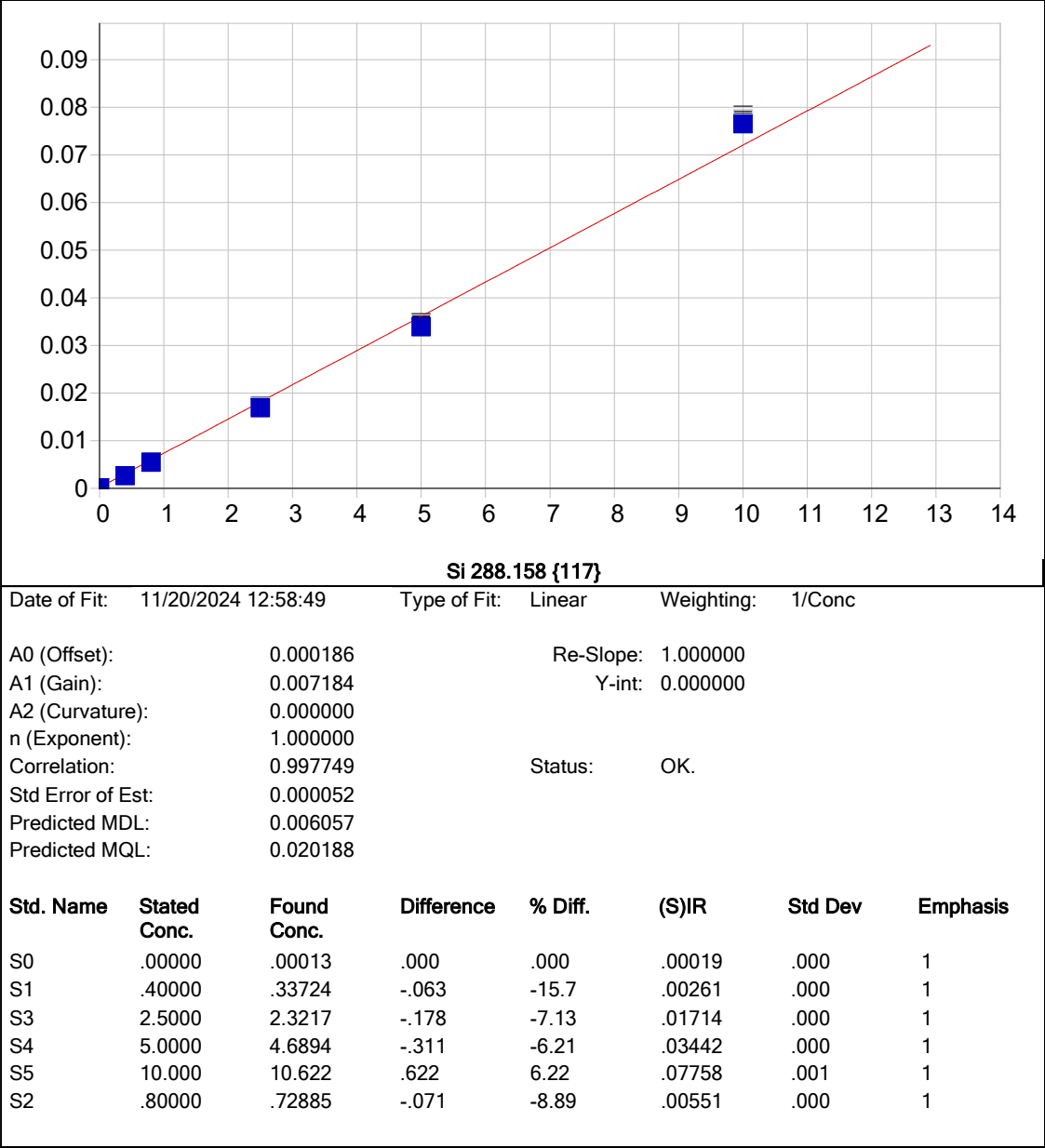
**Sn 189.989 {478}**

Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

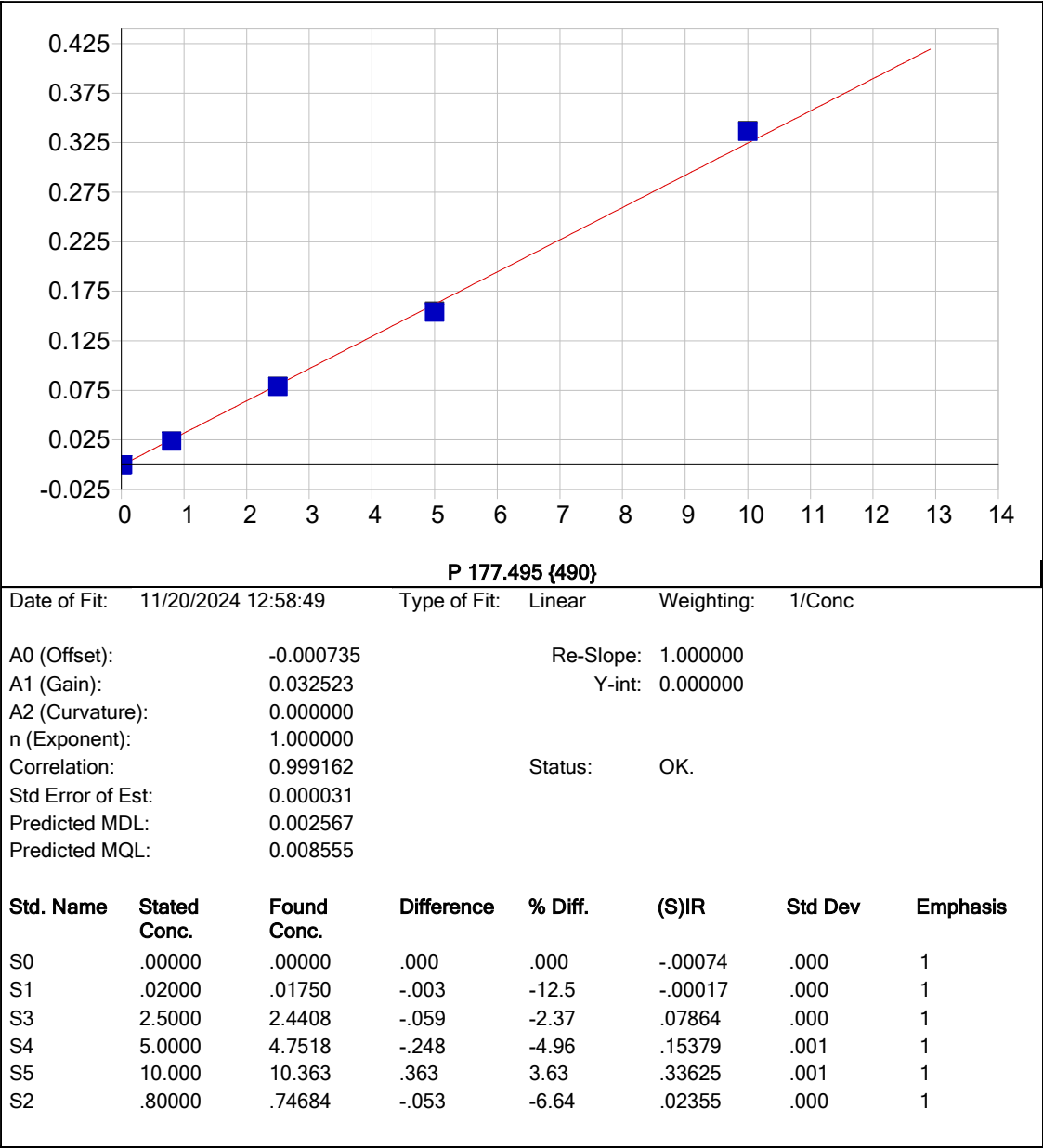
A0 (Offset): 0.000571 Re-Slope: 1.000000  
A1 (Gain): 0.115306 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999555 Status: OK.  
Std Error of Est: 0.000114  
Predicted MDL: 0.000806  
Predicted MQL: 0.002686

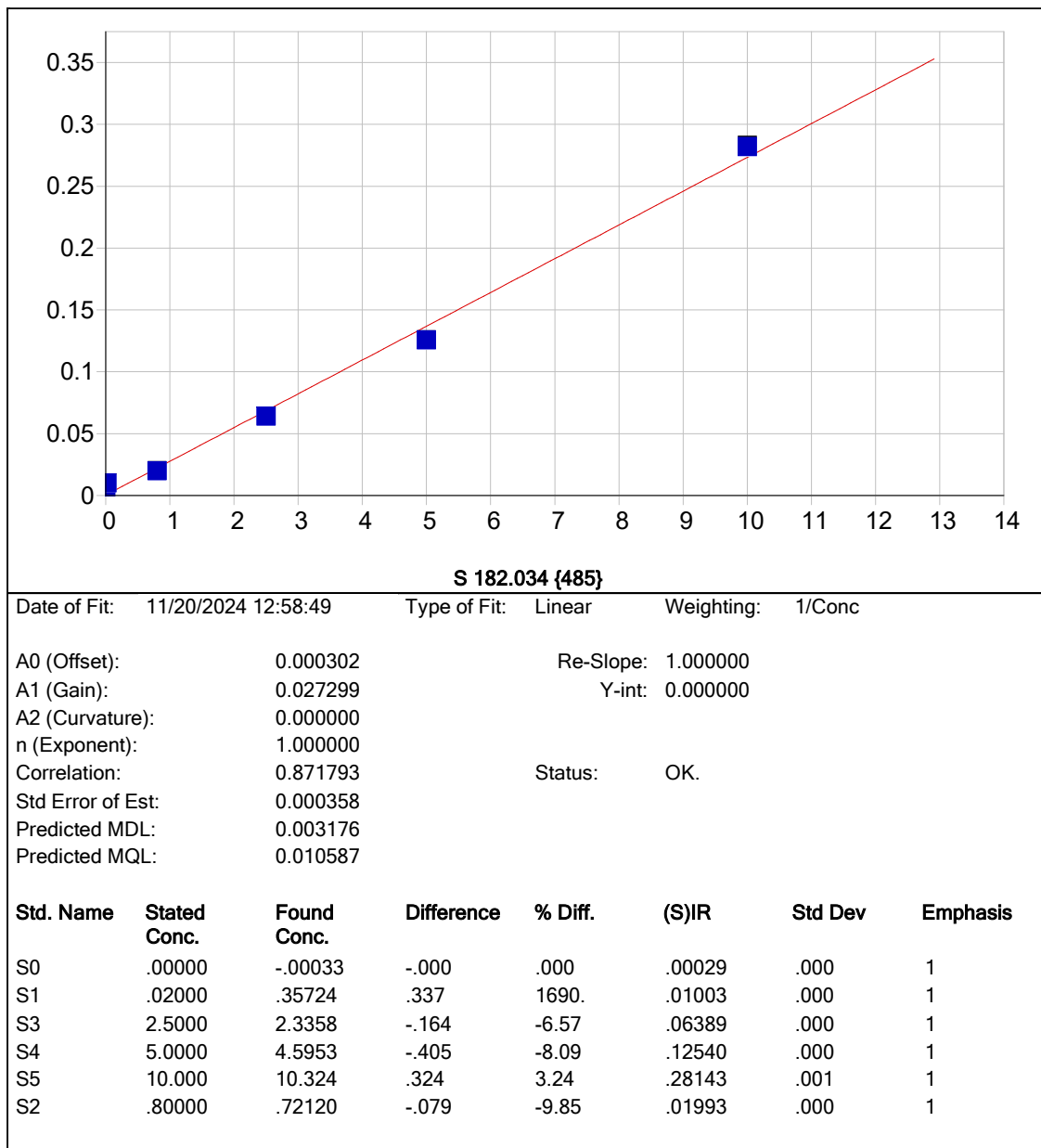
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00057 | .000    | 1        |
| S1        | .04000       | .05083      | .011       | 27.1    | .00643 | .000    | 1        |
| S3        | 2.5000       | 2.5242      | .024       | .967    | .29133 | .000    | 1        |
| S4        | 5.0000       | 4.7777      | -.222      | -4.45   | .55087 | .002    | 1        |
| S5        | 10.000       | 10.172      | .172       | 1.72    | 1.1723 | .001    | 1        |
| S2        | .80000       | .81527      | .015       | 1.91    | .09448 | .000    | 1        |

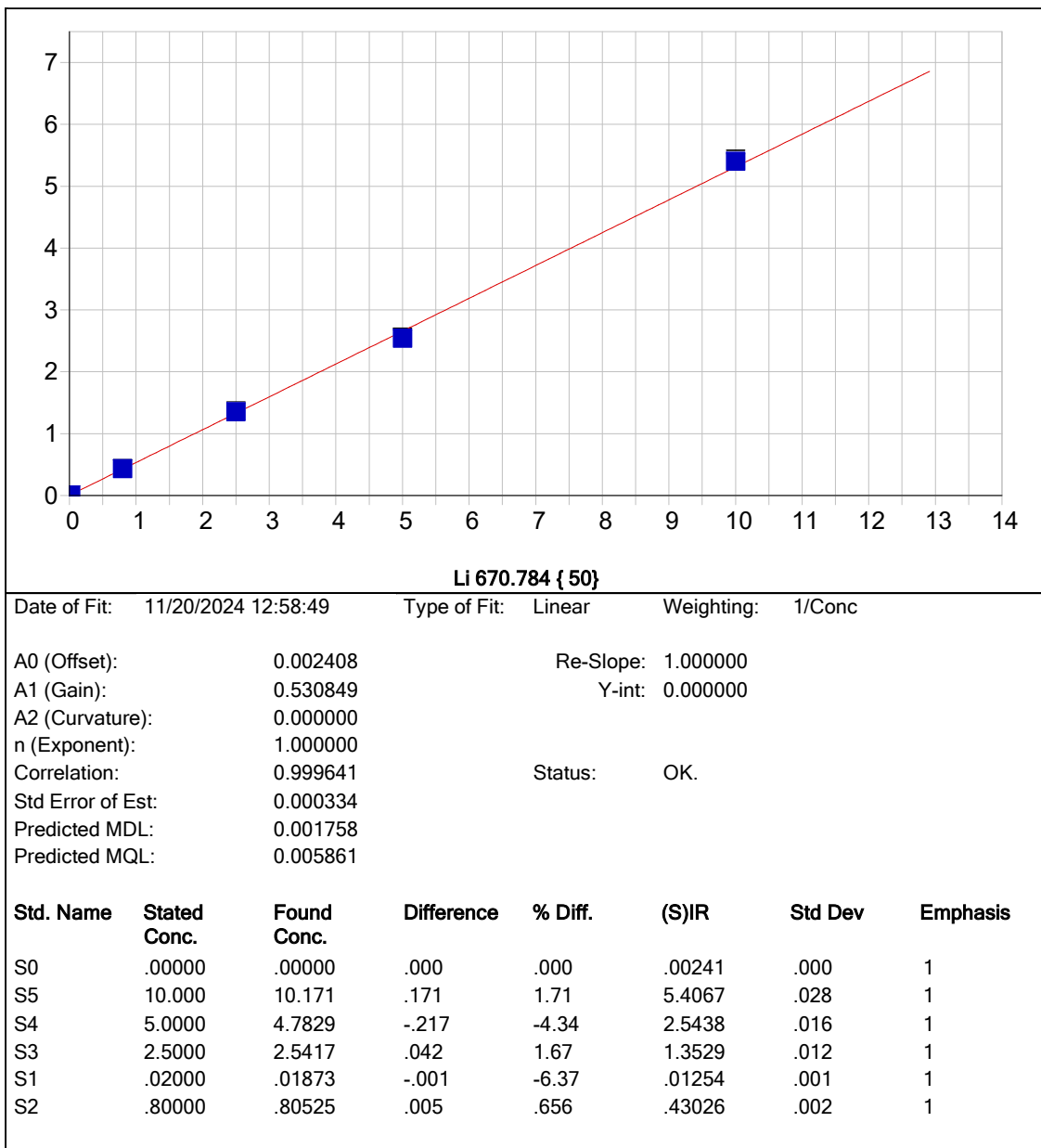


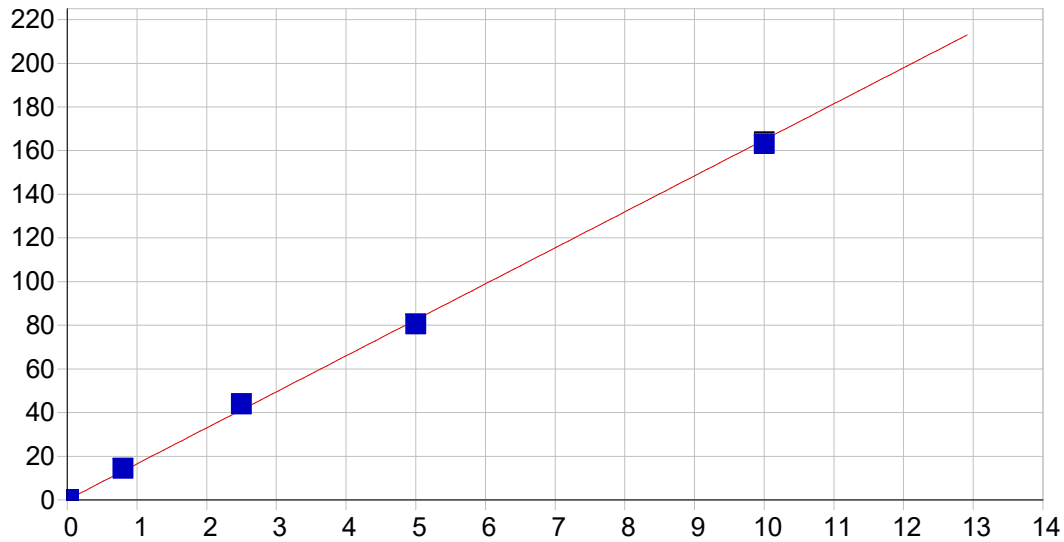










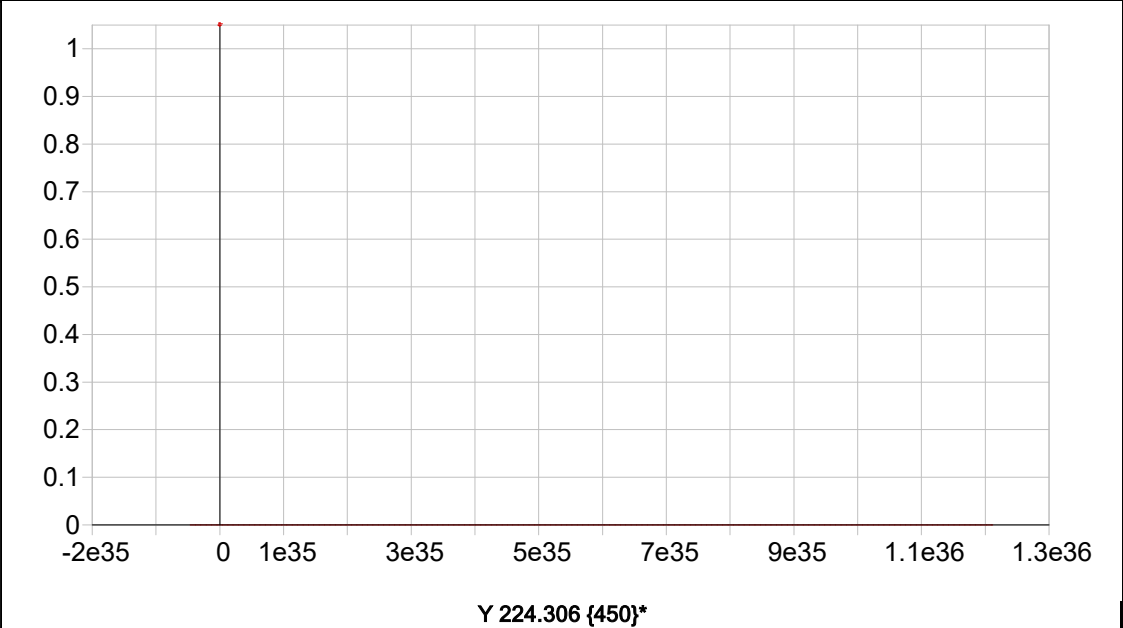


**Sr 407.771 { 83}**

Date of Fit: 11/20/2024 12:58:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001885 Re-Slope: 1.000000  
A1 (Gain): 16.493481 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999438 Status: OK.  
Std Error of Est: 0.012978  
Predicted MDL: 0.000033  
Predicted MQL: 0.000109

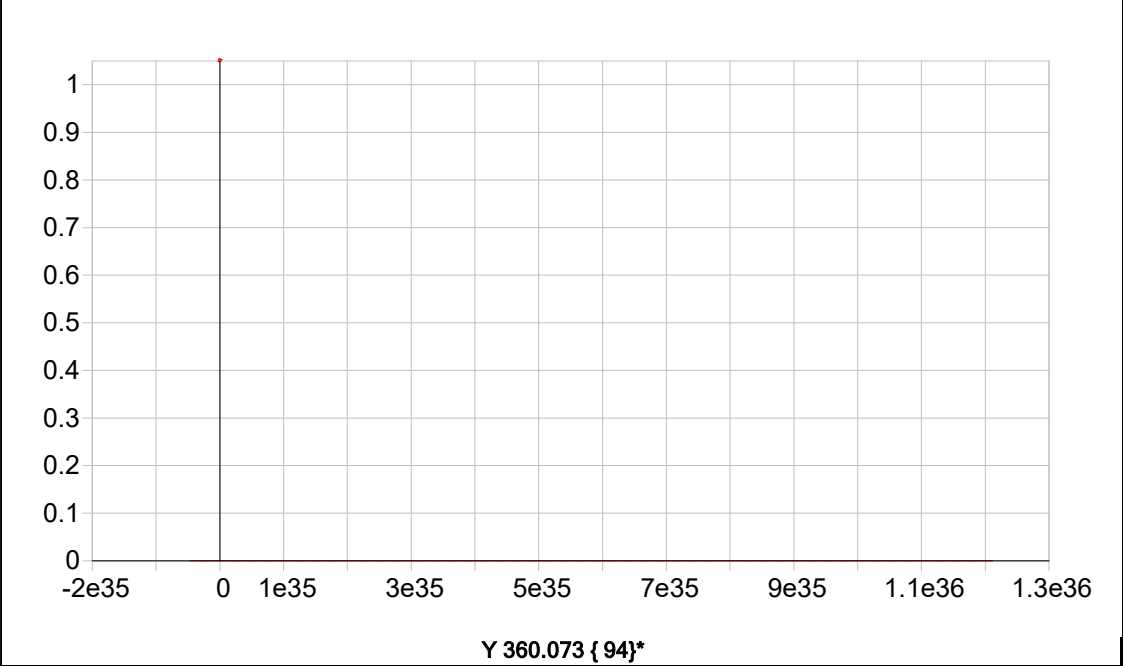
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00181 | .000    | 1        |
| S1        | .02000       | .02205      | .002       | 10.2    | .36720 | .001    | 1        |
| S3        | 2.5000       | 2.6539      | .154       | 6.16    | 43.815 | .308    | 1        |
| S4        | 5.0000       | 4.8811      | -.119      | -2.38   | 80.591 | .189    | 1        |
| S5        | 10.000       | 9.8886      | -.111      | -1.11   | 163.26 | .695    | 1        |
| S2        | .80000       | .87433      | .074       | 9.29    | 14.436 | .028    | 1        |



Date of Fit: 11/20/2024 12:58:49      Type of Fit: Linear      Weighting: 1/Conc

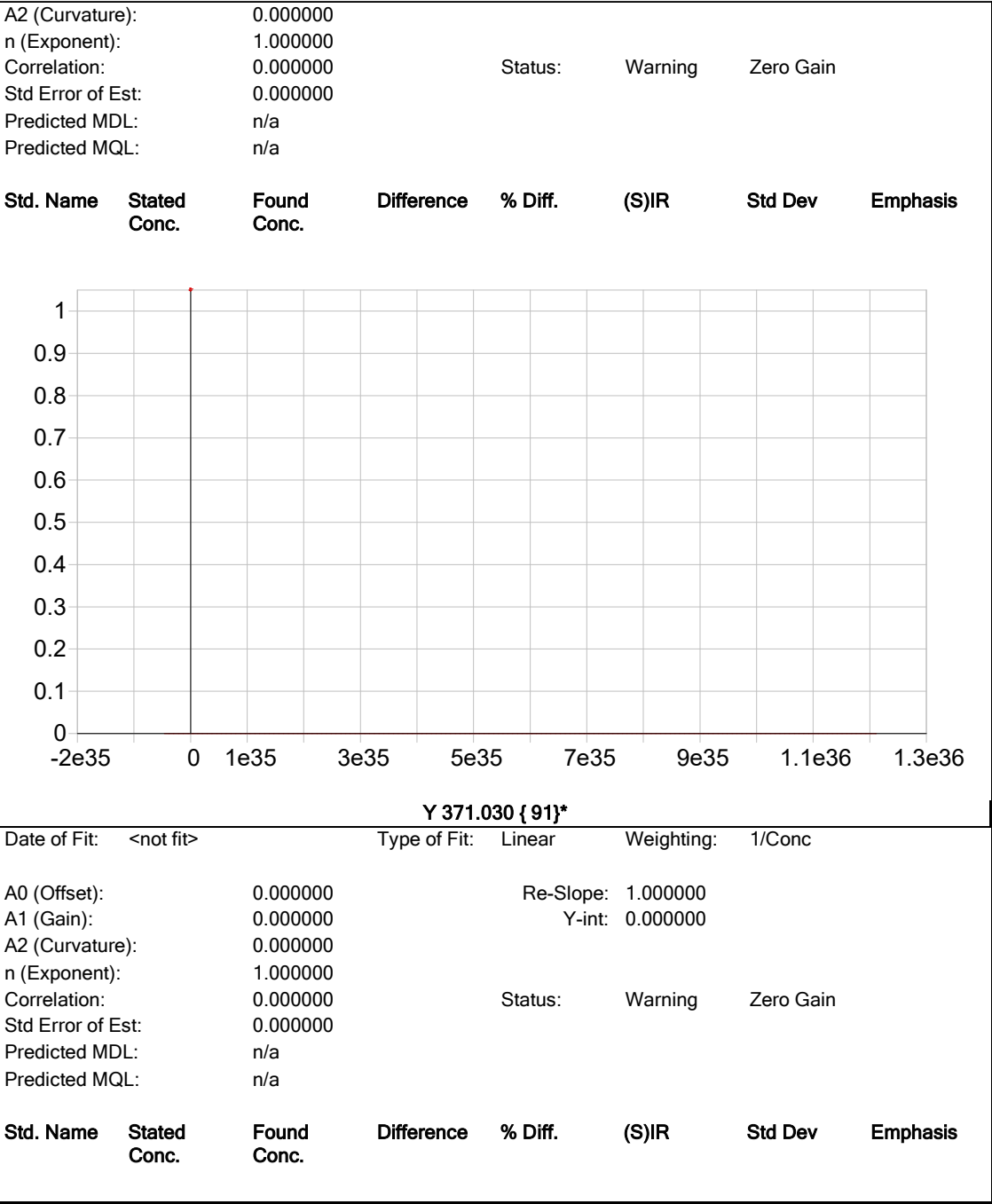
A0 (Offset): 0.000000      Re-Slope: 1.000000  
A1 (Gain): 0.000000      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.000000      Status: Warning      Zero Gain  
Std Error of Est: 0.000000  
Predicted MDL: n/a  
Predicted MQL: n/a

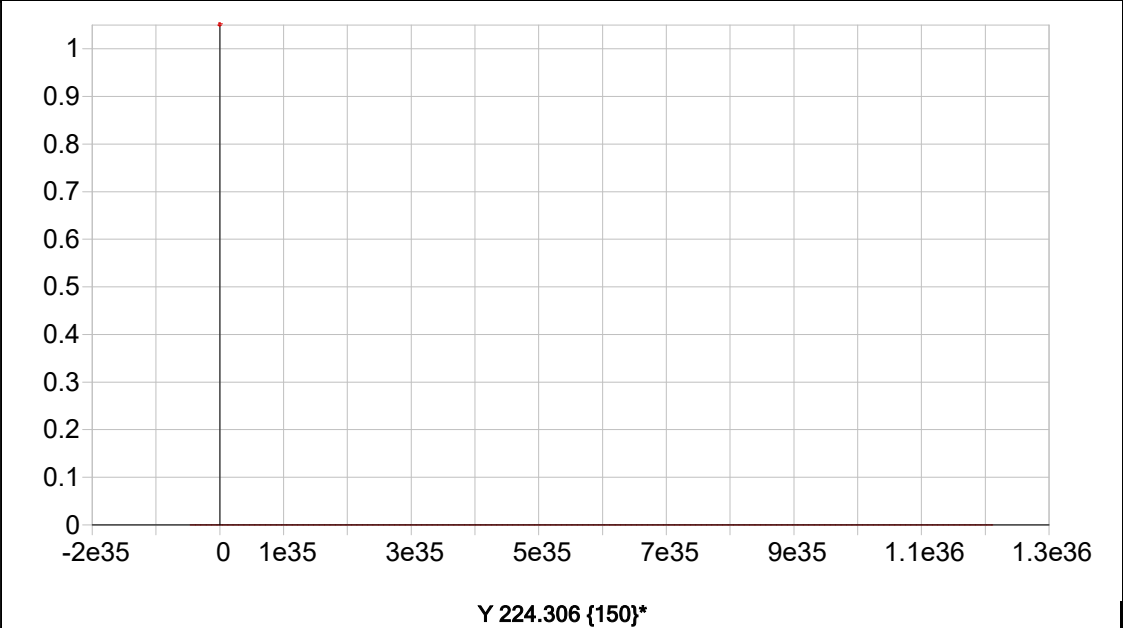
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



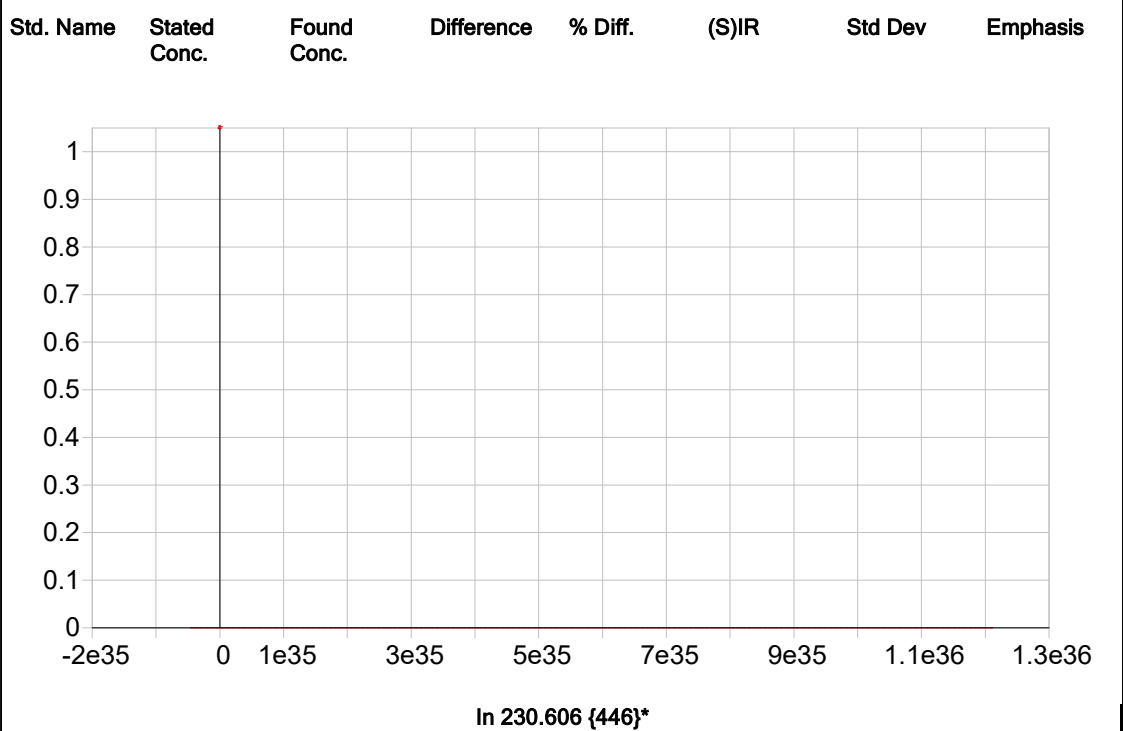
Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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





| 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       |              |           |            |           |



|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| 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    |            | Status: | Warning | Zero Gain |          |
| n (Exponent):     |              | 1.000000    |            |         |         |           |          |
| Correlation:      |              | 0.000000    |            |         |         |           |          |
| 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 |



Sample Name: S0      Acquired: 11/20/2024 12:17:58      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | -.00021 | -.00035 | -.00034 | .00047  | .00027  | .00001  | -.00273 | -.00080 |
| Stddev | .00015  | .00001  | .00016  | .00004  | .00011  | .00050  | .00192  | .00022  |
| %RSD   | 72.007  | 2.2714  | 47.808  | 9.2163  | 39.973  | 3868.2  | 70.384  | 27.675  |
| #1     | -.00031 | -.00036 | -.00051 | .00046  | .00035  | .00011  | -.00184 | -.00054 |
| #2     | -.00004 | -.00035 | -.00033 | .00042  | .00032  | .00046  | -.00142 | -.00091 |
| #3     | -.00029 | -.00034 | -.00018 | .00051  | .00015  | -.00053 | -.00494 | -.00093 |
| 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    | -.00009 | .00187  | -.00002 | -.00007 | -.00002 | .00002  | .00011  | -.00021 |
| Stddev | .00008  | .00033  | .00002  | .00009  | .00047  | .00001  | .00014  | .00026  |
| %RSD   | 91.023  | 17.720  | 82.540  | 126.73  | 1884.9  | 33.855  | 127.56  | 123.43  |
| #1     | -.00007 | .00156  | -.00001 | -.00013 | .00049  | .00001  | -.00005 | -.00032 |
| #2     | -.00002 | .00183  | -.00004 | -.00010 | -.00044 | .00003  | .00021  | -.00039 |
| #3     | -.00018 | .00222  | -.00001 | .00003  | -.00013 | .00003  | .00017  | .00009  |
| Elem   | Ni2316  | Ag3280  | Na5895  | V_2924  | Zn2138  | K_7664  | B_2496  | Mo2020  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | -.00022 | -.00167 | .00906  | -.00005 | .00905  | .00155  | .00102  | .00012  |
| Stddev | .00006  | .00008  | .00018  | .00013  | .00064  | .00003  | .00011  | .00021  |
| %RSD   | 25.758  | 4.8101  | 2.0282  | 249.80  | 7.1262  | 2.2147  | 10.740  | 183.32  |
| #1     | -.00015 | -.00158 | .00899  | -.00002 | .00842  | .00158  | .00106  | -.00011 |
| #2     | -.00026 | -.00171 | .00927  | .00006  | .00971  | .00151  | .00090  | .00031  |
| #3     | -.00024 | -.00173 | .00893  | -.00020 | .00902  | .00156  | .00111  | .00015  |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00057  | .00182  | .00019  | -.00074 | .00029  | .00241  | .00181  |         |
| Stddev | .00007  | .00048  | .00001  | .00004  | .00006  | .00048  | .00027  |         |
| %RSD   | 11.575  | 26.483  | 6.8786  | 4.8808  | 19.879  | 20.112  | 15.039  |         |
| #1     | .00050  | .00143  | .00020  | -.00077 | .00026  | .00199  | .00154  |         |
| #2     | .00063  | .00168  | .00017  | -.00070 | .00036  | .00230  | .00208  |         |
| #3     | .00058  | .00236  | .00019  | -.00074 | .00026  | .00294  | .00182  |         |

Sample Name: S0      Acquired: 11/20/2024 12:17:58      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2653.2 | 57897. | 11366. | 2057.8 | 4366.3 |
| Stddev    | 3.6    | 92.    | 48.    | 7.6    | 4.7    |
| %RSD      | .13613 | .15887 | .41875 | .36748 | .10700 |
| #1        | 2649.0 | 57795. | 11324. | 2059.3 | 4363.1 |
| #2        | 2655.4 | 57922. | 11418. | 2049.7 | 4364.2 |
| #3        | 2655.2 | 57974. | 11356. | 2064.6 | 4371.7 |

Sample Name: S1      Acquired: 11/20/2024 12:22:23      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .00098 | .00204 | .00245 | .00231  | .01044 | .00921 | .45274 | .02391 |
| Stddev | .00013 | .00011 | .00007 | .00009  | .00008 | .00060 | .00215 | .00006 |
| %RSD   | 13.295 | 5.3257 | 2.9476 | 3.7859  | .72558 | 6.5415 | .47429 | .23979 |
| #1     | .00083 | .00202 | .00250 | .00235  | .01035 | .00946 | .45035 | .02397 |
| #2     | .00106 | .00195 | .00248 | .00238  | .01050 | .00853 | .45335 | .02391 |
| #3     | .00104 | .00216 | .00237 | .00222  | .01045 | .00965 | .45451 | .02386 |
| 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    | .01658 | .10405 | .00214 | .02850  | .01852 | .00067 | .01747 | .03559 |
| Stddev | .00016 | .00062 | .00002 | .00005  | .00005 | .00001 | .00029 | .00019 |
| %RSD   | .95027 | .59912 | .82277 | .17683  | .26642 | 1.5942 | 1.6489 | .54634 |
| #1     | .01675 | .10337 | .00212 | .02856  | .01848 | .00067 | .01747 | .03569 |
| #2     | .01657 | .10460 | .00214 | .02846  | .01850 | .00066 | .01718 | .03572 |
| #3     | .01643 | .10418 | .00215 | .02848  | .01857 | .00068 | .01775 | .03537 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924  | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .02643 | .00206 | .05633 | .00604  | .12263 | .01647 | .05233 | .17750 |
| Stddev | .00007 | .00003 | .00039 | .00024  | .00086 | .00012 | .00015 | .00012 |
| %RSD   | .28239 | 1.2449 | .70035 | 4.0369  | .69934 | .71089 | .28848 | .06491 |
| #1     | .02637 | .00204 | .05597 | .00589  | .12353 | .01648 | .05239 | .17747 |
| #2     | .02651 | .00209 | .05627 | .00632  | .12255 | .01635 | .05216 | .17740 |
| #3     | .02641 | .00206 | .05675 | .00590  | .12182 | .01658 | .05244 | .17763 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774  | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .00643 | .13008 | .00261 | -.00017 | .01003 | .01254 | .36720 |        |
| Stddev | .00011 | .00032 | .00002 | .00009  | .00006 | .00089 | .00060 |        |
| %RSD   | 1.7880 | .24432 | .60473 | 52.761  | .56486 | 7.0935 | .16243 |        |
| #1     | .00650 | .12979 | .00263 | -.00006 | .00997 | .01311 | .36663 |        |
| #2     | .00629 | .13002 | .00262 | -.00022 | .01004 | .01300 | .36717 |        |
| #3     | .00648 | .13042 | .00260 | -.00021 | .01008 | .01151 | .36782 |        |

Sample Name: S1      Acquired: 11/20/2024 12:22:23      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2608.2 | 57081. | 11250. | 1966.3 | 4232.5 |
| Stddev    | 3.4    | 157.   | 41.    | 15.6   | 1.8    |
| %RSD      | .12888 | .27589 | .36396 | .79141 | .04216 |
| #1        | 2606.9 | 56942. | 11224. | 1948.5 | 4234.5 |
| #2        | 2605.6 | 57048. | 11230. | 1973.5 | 4231.7 |
| #3        | 2612.0 | 57252. | 11297. | 1977.0 | 4231.2 |

Sample Name: S2      Acquired: 11/20/2024 12:26:46      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .04680 | .05159 | .20019 | .07256 | .16035 | .13770 | 6.9108 | .17042 |
| Stddev | .00025 | .00057 | .00067 | .00017 | .00039 | .00075 | .0145  | .00174 |
| %RSD   | .52624 | 1.1017 | .33505 | .22971 | .24168 | .54286 | .20983 | 1.0227 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .04705 | .05216 | .20069 | .07242 | .16076 | .13849 | 6.9262 | .17131 |
| #2 | .04656 | .05102 | .20045 | .07251 | .16030 | .13700 | 6.8974 | .17154 |
| #3 | .04679 | .05158 | .19943 | .07274 | .15999 | .13760 | 6.9088 | .16841 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .88458 | .20270 | .03570 | .37668 | .17401 | .00530 | .33558 | .06990 |
| Stddev | .00265 | .00075 | .00013 | .00096 | .00063 | .00001 | .00142 | .00036 |
| %RSD   | .29957 | .37028 | .35711 | .25603 | .36019 | .25844 | .42433 | .51658 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .88672 | .20341 | .03562 | .37775 | .17471 | .00530 | .33644 | .07014 |
| #2 | .88541 | .20278 | .03563 | .37643 | .17351 | .00529 | .33637 | .07007 |
| #3 | .88161 | .20192 | .03585 | .37587 | .17381 | .00532 | .33394 | .06948 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .26887 | .07294 | .10127 | .05938 | 1.1245 | .03078 | .39008 | .68920 |
| Stddev | .00041 | .00013 | .00086 | .00021 | .0052  | .00040 | .00363 | .00162 |
| %RSD   | .15360 | .17371 | .85221 | .34959 | .46341 | 1.3092 | .93049 | .23504 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .26925 | .07301 | .10122 | .05944 | 1.1187 | .03046 | .39298 | .69099 |
| #2 | .26891 | .07280 | .10044 | .05955 | 1.1287 | .03066 | .39125 | .68783 |
| #3 | .26843 | .07302 | .10216 | .05915 | 1.1263 | .03124 | .38601 | .68879 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | .09448 | .50500 | .00551 | .02355 | .01993 | .43026 | 14.436 |  |
| Stddev | .00026 | .00126 | .00005 | .00012 | .00004 | .00215 | .028   |  |
| %RSD   | .27578 | .24857 | .93880 | .52006 | .22126 | .49870 | .19663 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .09478 | .50575 | .00547 | .02347 | .01989 | .43207 | 14.465 |  |
| #2 | .09436 | .50569 | .00549 | .02349 | .01998 | .42789 | 14.408 |  |
| #3 | .09430 | .50355 | .00557 | .02369 | .01993 | .43081 | 14.434 |  |

Sample Name: S2      Acquired: 11/20/2024 12:26:46      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2598.3 | 57406. | 11307. | 1968.5 | 4145.7 |
| Stddev    | 11.6   | 68.    | 108.   | 1.6    | 18.9   |
| %RSD      | .44750 | .11915 | .95452 | .08135 | .45562 |
| #1        | 2586.3 | 57396. | 11236. | 1970.3 | 4124.3 |
| #2        | 2609.5 | 57479. | 11253. | 1967.7 | 4160.1 |
| #3        | 2599.2 | 57344. | 11431. | 1967.4 | 4152.7 |

Sample Name: S3      Acquired: 11/20/2024 12:30:56      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .14684 | .16142 | .62238 | .22800 | .50207 | .42833 | 21.110 | .53884 |
| Stddev | .00046 | .00069 | .00038 | .00010 | .00064 | .00028 | .190   | .00198 |
| %RSD   | .31661 | .42974 | .06042 | .04533 | .12776 | .06519 | .89779 | .36785 |
| #1     | .14670 | .16156 | .62249 | .22799 | .50207 | .42815 | 21.185 | .54106 |
| #2     | .14646 | .16204 | .62196 | .22791 | .50143 | .42865 | 21.250 | .53726 |
| #3     | .14736 | .16067 | .62268 | .22811 | .50271 | .42819 | 20.894 | .53819 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.7719 | .62322 | .11185 | 1.1712 | .53369 | .01652 | 1.0187 | .21894 |
| Stddev | .0023  | .00134 | .00027 | .0013  | .00069 | .00003 | .0033  | .00062 |
| %RSD   | .08340 | .21555 | .24227 | .11303 | .12876 | .18203 | .32298 | .28465 |
| #1     | 2.7743 | .62336 | .11167 | 1.1726 | .53325 | .01649 | 1.0221 | .21960 |
| #2     | 2.7697 | .62449 | .11217 | 1.1700 | .53333 | .01654 | 1.0184 | .21836 |
| #3     | 2.7717 | .62182 | .11172 | 1.1711 | .53448 | .01653 | 1.0156 | .21886 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .83526 | .22937 | .30190 | .18455 | 3.4856 | .09382 | 1.2123 | 2.1193 |
| Stddev | .00091 | .00059 | .00235 | .00038 | .0043  | .00049 | .0057  | .0024  |
| %RSD   | .10871 | .25690 | .77761 | .20761 | .12270 | .52033 | .47239 | .11325 |
| #1     | .83522 | .22922 | .30311 | .18438 | 3.4855 | .09393 | 1.2189 | 2.1189 |
| #2     | .83437 | .23002 | .30340 | .18499 | 3.4899 | .09425 | 1.2087 | 2.1172 |
| #3     | .83618 | .22887 | .29920 | .18428 | 3.4813 | .09329 | 1.2093 | 2.1219 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .29133 | 1.5525 | .01714 | .07864 | .06389 | 1.3529 | 43.815 |        |
| Stddev | .00033 | .0040  | .00004 | .00017 | .00002 | .0125  | .308   |        |
| %RSD   | .11254 | .25865 | .21862 | .21106 | .03785 | .92085 | .70374 |        |
| #1     | .29167 | 1.5542 | .01717 | .07855 | .06386 | 1.3637 | 44.154 |        |
| #2     | .29130 | 1.5554 | .01714 | .07853 | .06390 | 1.3557 | 43.740 |        |
| #3     | .29101 | 1.5479 | .01710 | .07883 | .06391 | 1.3393 | 43.551 |        |

Sample Name: S3      Acquired: 11/20/2024 12:30:56      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2549.9 | 56475. | 11302. | 1922.2 | 3994.1 |
| Stddev    | 1.7    | 147.   | 46.    | 4.2    | 2.2    |
| %RSD      | .06523 | .26040 | .40678 | .21928 | .05502 |
| #1        | 2551.8 | 56432. | 11253. | 1922.1 | 3993.5 |
| #2        | 2549.0 | 56355. | 11308. | 1917.9 | 3992.3 |
| #3        | 2548.8 | 56639. | 11345. | 1926.4 | 3996.6 |



Sample Name: S4      Acquired: 11/20/2024 12:35:12      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .28421 | .30704 | 1.1845 | .44803 | .97673 | .81273 | 38.545 | .98753 |
| Stddev | .00016 | .00174 | .0032  | .00043 | .00173 | .00162 | .064   | .00498 |
| %RSD   | .05462 | .56649 | .26591 | .09688 | .17754 | .19947 | .16478 | .50394 |
| #1     | .28403 | .30514 | 1.1862 | .44802 | .97763 | .81433 | 38.473 | .99327 |
| #2     | .28427 | .30856 | 1.1864 | .44761 | .97473 | .81278 | 38.572 | .98444 |
| #3     | .28432 | .30742 | 1.1809 | .44848 | .97784 | .81109 | 38.592 | .98487 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.3198 | 1.1532 | .21136 | 2.2424 | 1.0166 | .03186 | 1.8557 | .41033 |
| Stddev | .0182  | .0032  | .00083 | .0072  | .0021  | .00016 | .0078  | .00079 |
| %RSD   | .34250 | .27320 | .39239 | .31876 | .20503 | .48816 | .42323 | .19320 |
| #1     | 5.3246 | 1.1543 | .21147 | 2.2473 | 1.0186 | .03175 | 1.8599 | .40986 |
| #2     | 5.3352 | 1.1497 | .21047 | 2.2457 | 1.0145 | .03179 | 1.8466 | .40988 |
| #3     | 5.2997 | 1.1557 | .21212 | 2.2342 | 1.0166 | .03204 | 1.8605 | .41124 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.5946 | .44142 | .58544 | .34716 | 6.6983 | .18402 | 2.2227 | 4.0445 |
| Stddev | .0052  | .00142 | .00282 | .00105 | .0142  | .00079 | .0143  | .0045  |
| %RSD   | .32442 | .32245 | .48126 | .30269 | .21169 | .42813 | .64523 | .11092 |
| #1     | 1.5969 | .44196 | .58609 | .34833 | 6.6995 | .18330 | 2.2393 | 4.0493 |
| #2     | 1.5982 | .43980 | .58236 | .34686 | 6.6835 | .18391 | 2.2144 | 4.0404 |
| #3     | 1.5887 | .44249 | .58789 | .34630 | 6.7118 | .18486 | 2.2145 | 4.0438 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .55087 | 2.8855 | .03442 | .15379 | .12540 | 2.5438 | 80.591 |        |
| Stddev | .00226 | .0070  | .00036 | .00079 | .00009 | .0160  | .189   |        |
| %RSD   | .41055 | .24368 | 1.0322 | .51695 | .07331 | .63112 | .23461 |        |
| #1     | .55144 | 2.8924 | .03403 | .15331 | .12532 | 2.5601 | 80.788 |        |
| #2     | .55280 | 2.8783 | .03449 | .15470 | .12550 | 2.5280 | 80.575 |        |
| #3     | .54838 | 2.8858 | .03472 | .15334 | .12536 | 2.5432 | 80.411 |        |

Sample Name: S4      Acquired: 11/20/2024 12:35:12      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2479.7 | 55640. | 11785. | 1835.7 | 3848.0 |
| Stddev    | 12.6   | 45.    | 53.    | 8.3    | 16.9   |
| %RSD      | .50966 | .08098 | .45032 | .45371 | .43911 |
| #1        | 2466.9 | 55611. | 11727. | 1844.1 | 3828.8 |
| #2        | 2492.2 | 55692. | 11797. | 1835.6 | 3860.8 |
| #3        | 2480.2 | 55617. | 11830. | 1827.4 | 3854.3 |

Sample Name: S5      Acquired: 11/20/2024 12:39:25      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      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    | .62478 | .62783 | 2.5466 | .99171 | 2.1541 | 1.7322 | 80.158 | 2.0336 |
| Stddev | .00224 | .00749 | .0046  | .00270 | .0077  | .0006  | .078   | .0115  |
| %RSD   | .35891 | 1.1929 | .18040 | .27199 | .35903 | .03500 | .09782 | .56285 |
| #1     | .62307 | .62892 | 2.5476 | .98920 | 2.1499 | 1.7329 | 80.068 | 2.0445 |
| #2     | .62394 | .63470 | 2.5416 | .99137 | 2.1494 | 1.7321 | 80.213 | 2.0348 |
| #3     | .62732 | .61985 | 2.5507 | .99456 | 2.1631 | 1.7317 | 80.193 | 2.0217 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 11.435 | 2.3859 | .44500 | 4.8494 | 2.1792 | .06854 | 3.8103 | .86509 |
| Stddev | .014   | .0039  | .00154 | .0109  | .0085  | .00020 | .0116  | .00314 |
| %RSD   | .12471 | .16117 | .34661 | .22481 | .39142 | .28616 | .30340 | .36330 |
| #1     | 11.442 | 2.3887 | .44677 | 4.8487 | 2.1737 | .06850 | 3.8236 | .86768 |
| #2     | 11.419 | 2.3815 | .44425 | 4.8389 | 2.1749 | .06837 | 3.8027 | .86159 |
| #3     | 11.446 | 2.3874 | .44397 | 4.8607 | 2.1890 | .06875 | 3.8047 | .86599 |
| Elem   | Ni2316 | Ag3280 | Na5895 | V_2924 | Zn2138 | K_7664 | B_2496 | Mo2020 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 3.4296 | .95572 | 1.2889 | .72578 | 14.135 | .40905 | 4.6186 | 8.5843 |
| Stddev | .0082  | .00117 | .0043  | .00185 | .038   | .00058 | .0179  | .0185  |
| %RSD   | .23956 | .12277 | .33518 | .25503 | .27059 | .14253 | .38682 | .21576 |
| #1     | 3.4296 | .95698 | 1.2936 | .72738 | 14.179 | .40924 | 4.6388 | 8.5721 |
| #2     | 3.4214 | .95550 | 1.2881 | .72375 | 14.121 | .40839 | 4.6124 | 8.5752 |
| #3     | 3.4378 | .95467 | 1.2851 | .72622 | 14.106 | .40951 | 4.6047 | 8.6056 |
| Elem   | Sn1899 | Ti3361 | Si2881 | P_1774 | S_1820 | Li6707 | Sr4077 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 1.1723 | 6.0568 | .07758 | .33625 | .28143 | 5.4067 | 163.26 |        |
| Stddev | .0008  | .0113  | .00073 | .00054 | .00095 | .0276  | .69    |        |
| %RSD   | .06621 | .18654 | .94358 | .15957 | .33658 | .50953 | .42545 |        |
| #1     | 1.1718 | 6.0694 | .07685 | .33574 | .28136 | 5.4344 | 163.94 |        |
| #2     | 1.1732 | 6.0534 | .07756 | .33621 | .28241 | 5.4064 | 162.56 |        |
| #3     | 1.1718 | 6.0476 | .07831 | .33681 | .28052 | 5.3793 | 163.29 |        |

Sample Name: S5      Acquired: 11/20/2024 12:39:25      Type: Cal  
Method: NON EPA-6010-200.7(v2475)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

| Int. Std. | Y_2243 | Y_3600 | Y_3710 | Y_2243 | In2306 |
|-----------|--------|--------|--------|--------|--------|
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 2288.0 | 52533. | 11668. | 1683.2 | 3498.1 |
| Stddev    | 9.1    | 149.   | 47.    | 9.1    | 9.1    |
| %RSD      | .39573 | .28433 | .40572 | .53911 | .25963 |
| #1        | 2290.8 | 52438. | 11615. | 1678.7 | 3498.4 |
| #2        | 2295.2 | 52705. | 11705. | 1693.7 | 3506.9 |
| #3        | 2277.8 | 52455. | 11684. | 1677.2 | 3488.8 |

Sample Name: ICV01      Acquired: 11/20/2024 12:50:00      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.038914 | 1.091436 | 1.047053 | 1.070360 | 1.024430 | 2.679763 |
| Stddev | .004020  | .018551  | .002264  | .006112  | .001010  | .009579  |
| %RSD   | .3869372 | 1.699695 | .2162175 | .5709808 | .0986262 | .3574484 |
| #1     | 1.036469 | 1.070437 | 1.047804 | 1.063306 | 1.024489 | 2.680269 |
| #2     | 1.043553 | 1.098272 | 1.048846 | 1.074069 | 1.025409 | 2.669941 |
| #3     | 1.036719 | 1.105599 | 1.044510 | 1.073705 | 1.023391 | 2.689078 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5350568 | .5282930 | .5290839 | 10.47281 | .5483723 | .5324730 |
| Stddev | .0019378 | .0015474 | .0015816 | .04438   | .0013281 | .0016890 |
| %RSD   | .3621748 | .2929107 | .2989271 | .4238083 | .2421943 | .3172071 |
| #1     | .5361255 | .5276085 | .5289811 | 10.44950 | .5496801 | .5326908 |
| #2     | .5328199 | .5272059 | .5307144 | 10.44494 | .5484120 | .5340425 |
| #3     | .5362250 | .5300647 | .5275563 | 10.52399 | .5470247 | .5306856 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5462367 | 10.41211 | .5402278 | 6.197106 | .5353904 | .2668494 |
| Stddev | .0005784 | .02808   | .0021901 | .030780  | .0013289 | .0013235 |
| %RSD   | .1058839 | .2696831 | .4054003 | .4966854 | .2482083 | .4959705 |
| #1     | .5460414 | 10.43665 | .5397044 | 6.178264 | .5355861 | .2682180 |
| #2     | .5468875 | 10.41820 | .5383468 | 6.180429 | .5366106 | .2667541 |
| #3     | .5457813 | 10.38149 | .5426321 | 6.232626 | .5339745 | .2655762 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.884451 | .5234148 | 1.089457 | 10.26702 | 2.462336 | 2.583510 |
| Stddev | .085105  | .0018013 | .005214  | .05651   | .007807  | .004630  |
| %RSD   | .8609948 | .3441384 | .4786324 | .5504070 | .3170427 | .1792166 |
| #1     | 9.982273 | .5223681 | 1.093638 | 10.32245 | 2.456523 | 2.578564 |
| #2     | 9.843663 | .5223816 | 1.091118 | 10.26914 | 2.459276 | 2.587740 |
| #3     | 9.827418 | .5254947 | 1.083614 | 10.20949 | 2.471209 | 2.584225 |

Sample Name: ICV01      Acquired: 11/20/2024 12:50:00      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | 2.479633 | 2.515691 | F 1.999491 | F -.000842 | F -.006559 | F -.001633 |
| Stddev | .008182  | .006323  | .007738    | .001940    | .000509    | .000707    |
| %RSD   | .3299593 | .2513347 | .3870166   | 230.4203   | 7.762936   | 43.26542   |
| #1     | 2.470686 | 2.513463 | 2.008421   | -.002651   | -.007138   | -.001537   |
| #2     | 2.486735 | 2.510784 | 1.995287   | .001206    | -.006184   | -.000980   |
| #3     | 2.481478 | 2.522826 | 1.994765   | -.001081   | -.006354   | -.002383   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F -.009141 |
| Stddev | .000029    |
| %RSD   | .3120043   |
| #1     | -.009139   |
| #2     | -.009170   |
| #3     | -.009113   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2450.813 | 54131.68 | 11699.90 | 1759.156 | 3940.124 |
| Stddev    | 3.786    | 181.93   | 46.26    | 4.285    | 9.007    |
| %RSD      | .1544992 | .3360848 | .3953691 | .2435662 | .2285890 |
| #1        | 2448.042 | 53928.40 | 11720.41 | 1754.617 | 3935.617 |
| #2        | 2449.271 | 54187.43 | 11732.35 | 1759.720 | 3934.261 |
| #3        | 2455.128 | 54279.21 | 11646.93 | 1763.131 | 3950.495 |

Sample Name: LLICV01      Acquired: 11/20/2024 12:59:46      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0175995 | .0368786 | .0115331 | .0160428 | .0480302 | .1008799 |
| Stddev | .0004812 | .0012184 | .0008888 | .0009104 | .0010602 | .0037089 |
| %RSD   | 2.733989 | 3.303682 | 7.706326 | 5.675059 | 2.207401 | 3.676554 |
| #1     | .0181202 | .0360354 | .0119485 | .0160525 | .0483830 | .1022936 |
| #2     | .0171712 | .0363249 | .0121381 | .0169484 | .0488690 | .0966720 |
| #3     | .0175072 | .0382754 | .0105127 | .0151276 | .0468386 | .1036741 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0950143 | .0054122 | .0068551 | 1.937139 | .0100289 | .0283206 |
| Stddev | .0001777 | .0000293 | .0000776 | .006318  | .0003486 | .0002725 |
| %RSD   | .1869779 | .5409762 | 1.132254 | .3261272 | 3.476320 | .9620564 |
| #1     | .0949032 | .0053988 | .0068766 | 1.930862 | .0098413 | .0286192 |
| #2     | .0949205 | .0053921 | .0069198 | 1.937059 | .0104311 | .0282569 |
| #3     | .0952192 | .0054458 | .0067691 | 1.943496 | .0098142 | .0280856 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0210040 | .0915959 | .0193079 | 1.910236 | .0372864 | .0101355 |
| Stddev | .0000679 | .0040168 | .0003274 | .004842  | .0001273 | .0002885 |
| %RSD   | .3231268 | 4.385374 | 1.695512 | .2534855 | .3415125 | 2.846183 |
| #1     | .0210814 | .0962257 | .0189299 | 1.905456 | .0374248 | .0103764 |
| #2     | .0209759 | .0895234 | .0194999 | 1.910115 | .0371741 | .0102143 |
| #3     | .0209547 | .0890386 | .0194940 | 1.915138 | .0372603 | .0098158 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.616922 | .0385337 | .0412937 | 1.792529 | .1031676 | .2070117 |
| Stddev | .005526  | .0004834 | .0000545 | .014486  | .0005849 | .0003699 |
| %RSD   | .3417629 | 1.254479 | .1318800 | .8081492 | .5669623 | .1786768 |
| #1     | 1.610575 | .0388771 | .0412390 | 1.782601 | .1037873 | .2066197 |
| #2     | 1.619523 | .0379809 | .0413479 | 1.809152 | .1030903 | .2070608 |
| #3     | 1.620667 | .0387432 | .0412940 | 1.785834 | .1026251 | .2073545 |

Sample Name: LLICV01      Acquired: 11/20/2024 12:59:46      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LLICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |            |            |
|--------|----------|------------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0460208 | F .1915382 | .3403715 | .0190532 | F .3312166 | F .0140397 |
| Stddev | .0007379 | .0012219   | .0056585 | .0014356 | .0022964   | .0008704   |
| %RSD   | 1.603444 | .6379210   | 1.662449 | 7.534472 | .6933304   | 6.199853   |
| #1     | .0465975 | .1929490   | .3400268 | .0196360 | .3314608   | .0140681   |
| #2     | .0462757 | .1908193   | .3348932 | .0201058 | .3333812   | .0131553   |
| #3     | .0451893 | .1908464   | .3461944 | .0174179 | .3288078   | .0148955   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0196776 |
| Stddev | .0000389 |
| %RSD   | .1974900 |
| #1     | .0197225 |
| #2     | .0196548 |
| #3     | .0196556 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2567.986 | 58663.28 | 12555.80 | 1842.286 | 4311.641 |
| Stddev    | 2.520    | 149.06   | 22.66    | 10.216   | 5.215    |
| %RSD      | .0981211 | .2540960 | .1804708 | .5545262 | .1209463 |
| #1        | 2566.649 | 58545.70 | 12536.86 | 1831.651 | 4305.935 |
| #2        | 2570.892 | 58613.21 | 12549.64 | 1843.183 | 4316.159 |
| #3        | 2566.417 | 58830.93 | 12580.91 | 1852.024 | 4312.828 |



Sample Name: ICB01      Acquired: 11/20/2024 13:09:15      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000841 | -.000143 | .0003195 | -.000957 | -.001049 | .0028779 | -.002809 |
| Stddev | .0019447 | .001181  | .0005552 | .000332  | .001190  | .0032941 | .000285  |
| %RSD   | 2312.835 | 827.0317 | 173.7609 | 34.72943 | 113.4547 | 114.4600 | 10.14446 |
| #1     | .0013366 | -.000664 | .0004876 | -.000765 | -.001108 | -.000563 | -.002732 |
| #2     | -.002156 | -.000974 | -.000300 | -.001340 | .000170  | .003195  | -.003125 |
| #3     | .001072  | .001209  | .000771  | -.000765 | -.002207 | .006002  | -.002571 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000297 | -.000022 | .0048638 | .0002728 | .0000163 | -.000345 | -.006230 |
| Stddev | .0000308 | .000031  | .0075191 | .0001020 | .0000237 | .000013  | .004480  |
| %RSD   | 103.6083 | 146.0063 | 154.5928 | 37.37491 | 145.0550 | 3.900277 | 71.91635 |
| #1     | -.000005 | -.000009 | .0134636 | .0001632 | -.000010 | -.000333 | -.002945 |
| #2     | .000041  | .000002  | -.000470 | .0003649 | .000036  | -.000360 | -.004411 |
| #3     | .000054  | -.000057 | .001598  | .0002902 | .000023  | -.000342 | -.011333 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000148 | .0051573 | -.000288 | .0005122 | -.168172 | .0008025 | -.000170 |
| Stddev | .0000775 | .0064999 | .000216  | .0000633 | .009327  | .0006469 | .000104  |
| %RSD   | 523.5724 | 126.0341 | 74.95230 | 12.34972 | 5.545855 | 80.60587 | 61.42202 |
| #1     | -.000072 | .0089999 | -.000322 | .0004867 | -.176617 | .0014046 | -.000064 |
| #2     | .000037  | .0088194 | -.000057 | .0004657 | -.169738 | .0008842 | -.000172 |
| #3     | .000078  | -.002347 | -.000485 | .0005842 | -.158162 | .0001187 | -.000273 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.106045 | .0023133 | -.000033 | -.003830 | -.000129 | .0034578 | -.001918 |
| Stddev | .018637  | .0004920 | .000058  | .000325  | .000101  | .0008614 | .001747  |
| %RSD   | 17.57447 | 21.26603 | 174.5650 | 8.489718 | 78.69682 | 24.91249 | 91.09073 |
| #1     | -.120931 | .0017473 | .000014  | -.003524 | -.000227 | .0037738 | -.001749 |
| #2     | -.085143 | .0026384 | -.000098 | -.004172 | -.000134 | .0041166 | -.003744 |
| #3     | -.112060 | .0025542 | -.000016 | -.003795 | -.000025 | .0024830 | -.000262 |

Sample Name: ICB01      Acquired: 11/20/2024 13:09:15      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002069 | -.002493 | -.000113 |
| Stddev | .001038  | .001181  | .000029  |
| %RSD   | 50.17619 | 47.36400 | 25.54498 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002570 | -.001131 | -.000140 |
| #2 | -.002761 | -.003229 | -.000082 |
| #3 | -.000875 | -.003120 | -.000116 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2476.628 | 56159.21 | 11830.79 | 1766.878 | 4212.653 |
| Stddev    | 9.323    | 28.47    | 20.23    | 7.102    | 11.728   |
| %RSD      | .3764303 | .0506876 | .1709912 | .4019282 | .2783936 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2468.722 | 56126.45 | 11818.74 | 1759.361 | 4202.001 |
| #2 | 2474.254 | 56177.86 | 11819.48 | 1767.799 | 4210.737 |
| #3 | 2486.909 | 56173.32 | 11854.14 | 1773.474 | 4225.221 |

Sample Name: CRI01      Acquired: 11/20/2024 13:13:37      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0212192 | .0379571 | .0124414 | .0158199 | .0505008 | .1116316 |
| Stddev | .0024754 | .0001542 | .0005921 | .0018954 | .0010440 | .0032599 |
| %RSD   | 11.66585 | .4061784 | 4.759497 | 11.98122 | 2.067188 | 2.920232 |
| #1     | .0185059 | .0377881 | .0119466 | .0144555 | .0495228 | .1142584 |
| #2     | .0233543 | .0379931 | .0130975 | .0179842 | .0503794 | .1126530 |
| #3     | .0217975 | .0380901 | .0122800 | .0150201 | .0516001 | .1079832 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0996951 | .0058304 | .0073187 | 2.059309 | .0104608 | .0297610 |
| Stddev | .0002437 | .0000327 | .0000611 | .008139  | .0001459 | .0003398 |
| %RSD   | .2444977 | .5607191 | .8348363 | .3952137 | 1.394712 | 1.141836 |
| #1     | .0999250 | .0058293 | .0073053 | 2.050008 | .0106179 | .0295095 |
| #2     | .0997207 | .0057983 | .0072654 | 2.062794 | .0103295 | .0296260 |
| #3     | .0994396 | .0058637 | .0073854 | 2.065125 | .0104349 | .0301476 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225547 | .0987809 | .0205267 | 2.037229 | .0393516 | .0110022 |
| Stddev | .0001095 | .0045104 | .0002636 | .015696  | .0001801 | .0001648 |
| %RSD   | .4856014 | 4.566052 | 1.284393 | .7704807 | .4576796 | 1.497997 |
| #1     | .0224883 | .1038451 | .0202481 | 2.040654 | .0393451 | .0108761 |
| #2     | .0224946 | .0951956 | .0205595 | 2.020103 | .0395348 | .0109419 |
| #3     | .0226811 | .0973021 | .0207723 | 2.050930 | .0391748 | .0111887 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.699509 | .0411102 | .0440898 | 1.899880 | .1050887 | .2179579 |
| Stddev | .025703  | .0014318 | .0002610 | .004227  | .0012792 | .0003237 |
| %RSD   | 1.512354 | 3.482741 | .5920836 | .2224904 | 1.217231 | .1485098 |
| #1     | 1.669882 | .0395119 | .0438803 | 1.904737 | .1065586 | .2182565 |
| #2     | 1.712808 | .0422754 | .0443822 | 1.897872 | .1044797 | .2176139 |
| #3     | 1.715838 | .0415434 | .0440067 | 1.897032 | .1042279 | .2180033 |

Sample Name: CRI01      Acquired: 11/20/2024 13:13:37      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CRI01      Custom ID2:      Custom ID3:  
Comment:

|        |          |            |          |          |            |            |
|--------|----------|------------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361     | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm        | ppm        |
| Avg    | .0487185 | F .2016267 | .3639424 | .0174801 | F .3502778 | F .0129536 |
| Stddev | .0012481 | .0005482   | .0028251 | .0029229 | .0040714   | .0009355   |
| %RSD   | 2.561922 | .2719066   | .7762478 | 16.72106 | 1.162350   | 7.221825   |
| #1     | .0476592 | .2022294   | .3653952 | .0202724 | .3474121   | .0120805   |
| #2     | .0484018 | .2011576   | .3657455 | .0144422 | .3484829   | .0128395   |
| #3     | .0500944 | .2014932   | .3606866 | .0177257 | .3549382   | .0139410   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0206490 |
| Stddev | .0000720 |
| %RSD   | .3484755 |
| #1     | .0205796 |
| #2     | .0206444 |
| #3     | .0207232 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2460.725 | 55358.67 | 11891.76 | 1748.598 | 4118.800 |
| Stddev    | 2.595    | 163.66   | 29.34    | 3.814    | 1.612    |
| %RSD      | .1054719 | .2956406 | .2467024 | .2181006 | .0391306 |
| #1        | 2459.459 | 55547.65 | 11858.54 | 1752.364 | 4118.167 |
| #2        | 2463.711 | 55264.27 | 11914.11 | 1744.738 | 4120.632 |
| #3        | 2459.005 | 55264.09 | 11902.64 | 1748.691 | 4117.601 |

Sample Name: ICSA01      Acquired: 11/20/2024 13:17:55      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054888 | -.001134 | .0074866 | -.018820 | -.004030 | 268.1132 |
| Stddev | .0022586 | .002051  | .0007645 | .001680  | .002186  | .8124    |
| %RSD   | 41.14880 | 180.8955 | 10.21198 | 8.924487 | 54.24958 | .3030196 |
| #1     | .0044727 | -.003447 | .0074627 | -.020391 | -.006522 | 267.1800 |
| #2     | .0080770 | .000460  | .0082628 | -.019018 | -.003138 | 268.4965 |
| #3     | .0039168 | -.000414 | .0067343 | -.017050 | -.002431 | 268.6631 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013160 | .0014436 | .0066839 | 244.0701 | .0588155 | .0023501 |
| Stddev | .0001024 | .0000734 | .0000547 | .8112    | .0005702 | .0001347 |
| %RSD   | 7.784059 | 5.084640 | .8178864 | .3323743 | .9694149 | 5.731555 |
| #1     | .0012102 | .0015281 | .0066912 | 243.5504 | .0587647 | .0023274 |
| #2     | .0013230 | .0014064 | .0067346 | 243.6550 | .0594094 | .0024948 |
| #3     | .0014147 | .0013962 | .0066260 | 245.0049 | .0582724 | .0022283 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0155761 | 101.2115 | .0031726 | 269.4840 | .0029524 | -.001098 |
| Stddev | .0004941 | .3578    | .0002030 | .8101    | .0002953 | .000326  |
| %RSD   | 3.172398 | .3535114 | 6.397359 | .3006123 | 10.00070 | 29.69164 |
| #1     | .0150842 | 100.7988 | .0030637 | 268.8557 | .0028618 | -.001342 |
| #2     | .0155718 | 101.4004 | .0030474 | 269.1978 | .0032823 | -.001224 |
| #3     | .0160724 | 101.4351 | .0034068 | 270.3983 | .0027130 | -.000728 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.074857 | .0086431 | .0059354 | -.005149 | .0535742 | -.000451 |
| Stddev | .010164  | .0011013 | .0001566 | .010081  | .0004270 | .000156  |
| %RSD   | 13.57802 | 12.74158 | 2.638737 | 195.7904 | .7970497 | 34.68132 |
| #1     | -.086481 | .0073835 | .0061159 | .001876  | .0531783 | -.000342 |
| #2     | -.067644 | .0094239 | .0058354 | -.016699 | .0535177 | -.000381 |
| #3     | -.070445 | .0091219 | .0058550 | -.000624 | .0540267 | -.000630 |

Sample Name: ICSA01      Acquired: 11/20/2024 13:17:55      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820   | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.007614 | -.001483 | .0185646 | .0044949 | -.010898 | F .0349928 |
| Stddev | .000713  | .000204  | .0004806 | .0020356 | .004600  | .0009566   |
| %RSD   | 9.371208 | 13.75801 | 2.588667 | 45.28636 | 42.21034 | 2.733701   |
| #1     | -.007099 | -.001282 | .0184837 | .0068363 | -.012807 | .0353648   |
| #2     | -.008428 | -.001478 | .0190806 | .0035027 | -.014237 | .0357075   |
| #3     | -.007314 | -.001690 | .0181297 | .0031457 | -.005651 | .0339061   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0016684 |
| Stddev | .0003446 |
| %RSD   | 20.65339 |
| #1     | .0020144 |
| #2     | .0013252 |
| #3     | .0016657 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2111.126 | 48458.45 | 11534.48 | 1508.969 | 3179.564 |
| Stddev    | 1.160    | 109.01   | 26.12    | 4.760    | 2.995    |
| %RSD      | .0549522 | .2249583 | .2264888 | .3154360 | .0942084 |
| #1        | 2111.700 | 48530.83 | 11513.71 | 1509.544 | 3182.792 |
| #2        | 2111.888 | 48333.07 | 11563.81 | 1503.948 | 3176.874 |
| #3        | 2109.791 | 48511.45 | 11525.91 | 1513.415 | 3179.024 |

Sample Name: ICSAB01      Acquired: 11/20/2024 13:28:51      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1183586 | .0902195 | .0578314 | .0302455 | .6444435 | 267.9667 |
| Stddev | .0034159 | .0022428 | .0023410 | .0020147 | .0038917 | .5208    |
| %RSD   | 2.886071 | 2.485899 | 4.048015 | 6.661143 | .6038899 | .1943437 |
| #1     | .1175428 | .0927375 | .0600695 | .0292258 | .6416990 | 267.3831 |
| #2     | .1154245 | .0884362 | .0580252 | .0325662 | .6427342 | 268.3841 |
| #3     | .1221086 | .0894848 | .0553995 | .0289444 | .6488974 | 268.1331 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5165706 | .5142100 | 1.047630 | 243.5967 | .5825707 | .5265628 |
| Stddev | .0002565 | .0013828 | .002016  | .2619    | .0018655 | .0008963 |
| %RSD   | .0496549 | .2689088 | .1924788 | .1075044 | .3202172 | .1702166 |
| #1     | .5163685 | .5145354 | 1.049167 | 243.8975 | .5837732 | .5268143 |
| #2     | .5168591 | .5126935 | 1.048377 | 243.4730 | .5835172 | .5273065 |
| #3     | .5164840 | .5154010 | 1.045347 | 243.4196 | .5804217 | .5255677 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5199265 | 99.99780 | .4967106 | 267.2038 | 1.037584 | .2061107 |
| Stddev | .0008884 | .23346   | .0011645 | .3364    | .001329  | .0002327 |
| %RSD   | .1708677 | .2334625 | .2344445 | .1259007 | .1280626 | .1129135 |
| #1     | .5199763 | 100.0227 | .4977376 | 267.3685 | 1.038819 | .2062332 |
| #2     | .5190142 | 100.2178 | .4954454 | 267.4261 | 1.037755 | .2062566 |
| #3     | .5207889 | 99.7529  | .4969489 | 266.8168 | 1.036178 | .2058423 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.045328 | .5102009 | .9157120 | -.040657 | .9500968 | 1.006630 |
| Stddev | .019290  | .0002101 | .0014883 | .012567  | .0024621 | .001182  |
| %RSD   | 42.55758 | .0411862 | .1625245 | 30.91070 | .2591385 | .1174482 |
| #1     | -.064525 | .5104330 | .9156563 | -.039484 | .9527519 | 1.006287 |
| #2     | -.045512 | .5100235 | .9142524 | -.053770 | .9478891 | 1.005658 |
| #3     | -.025946 | .5101462 | .9172274 | -.028717 | .9496494 | 1.007946 |

Sample Name: ICSAB01      Acquired: 11/20/2024 13:28:51      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |            |            |            |
|--------|----------|----------|------------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm        | ppm        | ppm        |
| Avg    | .9653051 | .9458311 | F .8450408 | F .0030356 | F -.013201 | F .0331572 |
| Stddev | .0014979 | .0012362 | .0033488   | .0009251   | .006729    | .0009887   |
| %RSD   | .1551729 | .1307025 | .3962841   | 30.47496   | 50.96978   | 2.981911   |
| #1     | .9669562 | .9457913 | .8459646   | .0036971   | -.017073   | .0336354   |
| #2     | .9640335 | .9446152 | .8478306   | .0034311   | -.017100   | .0320202   |
| #3     | .9649256 | .9470867 | .8413270   | .0019785   | -.005432   | .0338158   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0042850 |
| Stddev | .0003639   |
| %RSD   | 8.492461   |
| #1     | .0041742   |
| #2     | .0039893   |
| #3     | .0046914   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2115.019 | 48424.94 | 11357.54 | 1507.186 | 3185.544 |
| Stddev    | 6.204    | 187.10   | 32.40    | 8.340    | 8.586    |
| %RSD      | .2933322 | .3863676 | .2853145 | .5533555 | .2695353 |
| #1        | 2111.576 | 48274.21 | 11320.20 | 1497.616 | 3177.540 |
| #2        | 2122.181 | 48366.26 | 11374.15 | 1511.034 | 3194.613 |
| #3        | 2111.301 | 48634.34 | 11378.28 | 1512.907 | 3184.478 |



Sample Name: CCV01      Acquired: 11/20/2024 13:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.941962 | 4.949542 | 4.921285 | 5.029468 | 5.020483 | 10.02329 | 9.533580 |
| Stddev | .015721  | .043207  | .008404  | .012304  | .009937  | .02055   | .075178  |
| %RSD   | .3181144 | .8729518 | .1707726 | .2446415 | .1979300 | .2050386 | .7885642 |
| #1     | 4.959344 | 4.999431 | 4.926219 | 5.042034 | 5.027164 | 10.02620 | 9.580941 |
| #2     | 4.937805 | 4.924189 | 4.926056 | 5.028927 | 5.025220 | 10.04223 | 9.572902 |
| #3     | 4.928738 | 4.925007 | 4.911582 | 5.017443 | 5.009063 | 10.00143 | 9.446895 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2405210 | 2.443790 | 24.15847 | 1.022191 | 2.461866 | 1.267221 | 4.930885 |
| Stddev | .0008231 | .001582  | .03942   | .003231  | .003953  | .003112  | .009663  |
| %RSD   | .3422280 | .0647307 | .1631900 | .3160934 | .1605885 | .2455785 | .1959740 |
| #1     | .2410244 | 2.445045 | 24.11729 | 1.018945 | 2.465545 | 1.269459 | 4.920555 |
| #2     | .2395712 | 2.444312 | 24.19586 | 1.025406 | 2.462366 | 1.268538 | 4.932397 |
| #3     | .2409677 | 2.442013 | 24.16227 | 1.022223 | 2.457686 | 1.263667 | 4.939703 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.355735 | 24.25811 | 2.464249 | 1.251204 | 24.66365 | 2.461749 | 2.569012 |
| Stddev | .007125  | .04761   | .003209  | .001721  | .02659   | .009365  | .015493  |
| %RSD   | .3024349 | .1962440 | .1302130 | .1375098 | .1077964 | .3804065 | .6030806 |
| #1     | 2.360991 | 24.22423 | 2.466135 | 1.249253 | 24.65277 | 2.462536 | 2.581348 |
| #2     | 2.347626 | 24.31253 | 2.466067 | 1.251854 | 24.64424 | 2.470695 | 2.551623 |
| #3     | 2.358587 | 24.23755 | 2.460544 | 1.252505 | 24.69395 | 2.452015 | 2.574065 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.40515 | 4.727887 | 5.105326 | 4.862395 | 4.801944 | 5.095721 | 4.957760 |
| Stddev | .08666   | .021393  | .011029  | .009064  | .003521  | .043276  | .025708  |
| %RSD   | .3410998 | .4524816 | .2160377 | .1864059 | .0733180 | .8492666 | .5185348 |
| #1     | 25.32499 | 4.751398 | 5.117285 | 4.872858 | 4.805353 | 5.045830 | 4.984547 |
| #2     | 25.49710 | 4.709568 | 5.103140 | 4.857374 | 4.798321 | 5.118218 | 4.955445 |
| #3     | 25.39336 | 4.722696 | 5.095553 | 4.856953 | 4.802157 | 5.123114 | 4.933288 |

Sample Name: CCV01      Acquired: 11/20/2024 13:35:39      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.738433 | 4.611546 | 4.915831 |
| Stddev | .019361  | .022273  | .020283  |
| %RSD   | .4085900 | .4829772 | .4126152 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.759912 | 4.632193 | 4.939156 |
| #2 | 4.733066 | 4.587943 | 4.902331 |
| #3 | 4.722323 | 4.614503 | 4.906006 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2282.574 | 51452.70 | 11667.46 | 1612.442 | 3607.454 |
| Stddev    | 7.700    | 143.97   | 53.44    | 7.417    | 10.894   |
| %RSD      | .3373283 | .2798112 | .4580647 | .4600069 | .3019772 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2276.781 | 51387.36 | 11606.52 | 1603.908 | 3599.921 |
| #2 | 2279.631 | 51352.98 | 11689.51 | 1616.084 | 3602.495 |
| #3 | 2291.312 | 51617.75 | 11706.35 | 1617.334 | 3619.944 |

Sample Name: CCB01      Acquired: 11/20/2024 13:46:22      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010450 | -.000820 | .0004535 | .0000749 | -.001424 | -.002190 | -.003544 |
| Stddev | .0018346 | .001681  | .0003805 | .0019270 | .000663  | .004461  | .000478  |
| %RSD   | 175.5560 | 204.9725 | 83.89999 | 2572.790 | 46.55262 | 203.6947 | 13.48439 |
| #1     | .0006843 | -.001561 | .0000698 | -.000013 | -.001932 | -.004826 | -.004073 |
| #2     | .0030331 | .001104  | .0008307 | .002044  | -.000674 | .002961  | -.003418 |
| #3     | -.000582 | -.002003 | .0004599 | -.001807 | -.001664 | -.004704 | -.003142 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000492 | -.000064 | -.010884 | .0001195 | .0000800 | -.000141 | -.002508 |
| Stddev | .0000302 | .000053  | .003967  | .0000286 | .0001834 | .000159  | .003622  |
| %RSD   | 61.34966 | 83.69846 | 36.44946 | 23.93666 | 229.3075 | 112.9783 | 144.4128 |
| #1     | .0000576 | -.000117 | -.006314 | .0000877 | -.000131 | -.000167 | -.002914 |
| #2     | .0000742 | -.000011 | -.013440 | .0001431 | .000199  | .000030  | -.005910 |
| #3     | .0000157 | -.000063 | -.012897 | .0001277 | .000172  | -.000286 | .001300  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000136 | .0084755 | -.000182 | .0007553 | -.180817 | .0009218 | -.000689 |
| Stddev | .0002035 | .0029377 | .000093  | .0001943 | .009388  | .0005744 | .000207  |
| %RSD   | 1495.297 | 34.66087 | 50.92758 | 25.72500 | 5.191872 | 62.31475 | 29.98318 |
| #1     | -.000139 | .0082940 | -.000288 | .0005390 | -.190213 | .0002596 | -.000458 |
| #2     | .000245  | .0114996 | -.000121 | .0008120 | -.180801 | .0012859 | -.000752 |
| #3     | -.000065 | .0056327 | -.000135 | .0009149 | -.171437 | .0012198 | -.000856 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.115811 | .0036898 | .0000839 | -.003266 | -.000401 | -.002398 | -.000839 |
| Stddev | .020989  | .0002725 | .0001226 | .000431  | .000108  | .001039  | .000841  |
| %RSD   | 18.12350 | 7.386637 | 145.9870 | 13.20585 | 26.85171 | 43.33160 | 100.2370 |
| #1     | -.139929 | .0035206 | .0000196 | -.003629 | -.000381 | -.002849 | .000007  |
| #2     | -.105819 | .0040042 | .0000070 | -.003381 | -.000517 | -.001209 | -.000849 |
| #3     | -.101685 | .0035445 | .0002253 | -.002789 | -.000305 | -.003135 | -.001676 |

Sample Name: CCB01      Acquired: 11/20/2024 13:46:22      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004815 | -.004003 | -.000101 |
| Stddev | .001045  | .001855  | .000020  |
| %RSD   | 21.71069 | 46.34269 | 20.24971 |
| #1     | -.005734 | -.002928 | -.000104 |
| #2     | -.003678 | -.002935 | -.000079 |
| #3     | -.005034 | -.006144 | -.000119 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2677.279 | 61090.67 | 13160.41 | 1892.965 | 4581.225 |
| Stddev    | 6.377    | 104.75   | 11.74    | 3.367    | 7.462    |
| %RSD      | .2381982 | .1714744 | .0891732 | .1778930 | .1628726 |
| #1        | 2670.504 | 61010.17 | 13149.22 | 1889.083 | 4572.609 |
| #2        | 2683.165 | 61052.72 | 13172.62 | 1894.703 | 4585.497 |
| #3        | 2678.170 | 61209.11 | 13159.39 | 1895.108 | 4585.568 |

Sample Name: P4890-06      Acquired: 11/20/2024 13:50:41      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005718 | -.003103 | .0109715 | .0128326 | .0277551 | .2235500 | .1459003 |
| Stddev | .001289  | .000877  | .0012457 | .0026754 | .0003608 | .0007624 | .0005711 |
| %RSD   | 22.53921 | 28.25828 | 11.35429 | 20.84838 | 1.299972 | .3410395 | .3914198 |
| #1     | -.007201 | -.003346 | .0096493 | .0119639 | .0274078 | .2227843 | .1454715 |
| #2     | -.004871 | -.003832 | .0121232 | .0158344 | .0281281 | .2243091 | .1456809 |
| #3     | -.005082 | -.002130 | .0111419 | .0106996 | .0277295 | .2235566 | .1465485 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000145 | .0023812 | 22.12123 | .0044833 | .0011062 | .0137528 | .0958619 |
| Stddev | .000044  | .0000420 | .00600   | .0002003 | .0000403 | .0002185 | .0040585 |
| %RSD   | 30.13993 | 1.763101 | .0271081 | 4.467385 | 3.642366 | 1.588894 | 4.233680 |
| #1     | -.000172 | .0023657 | 22.11454 | .0044312 | .0010676 | .0138609 | .0914002 |
| #2     | -.000094 | .0023493 | 22.12612 | .0043142 | .0011480 | .0138961 | .0968514 |
| #3     | -.000168 | .0024288 | 22.12302 | .0047045 | .0011030 | .0135013 | .0993341 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2508390 | 1.128343 | .0064606 | .0003564 | 237.0780 | .0003489 | 3.626365 |
| Stddev | .0014052 | .007274  | .0003596 | .0001323 | .4728    | .0014190 | .013549  |
| %RSD   | .5601865 | .6446497 | 5.565865 | 37.13098 | .1994341 | 406.7350 | .3736384 |
| #1     | .2492193 | 1.129655 | .0062281 | .0002133 | 236.6878 | .0007414 | 3.640177 |
| #2     | .2515656 | 1.134872 | .0062790 | .0004744 | 237.6038 | .0015303 | 3.625823 |
| #3     | .2517322 | 1.120503 | .0068748 | .0003814 | 236.9423 | -.001225 | 3.613094 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 51.05232 | .2158508 | .4219926 | .0012223 | .0000134 | .7052557 | .6179104 |
| Stddev | .18611   | .0005123 | .0006200 | .0008665 | .0003430 | .0026965 | .0048440 |
| %RSD   | .3645459 | .2373222 | .1469271 | 70.89110 | 2557.462 | .3823491 | .7839345 |
| #1     | 51.09514 | .2155516 | .4226543 | .0011449 | -.000380 | .7081209 | .6141662 |
| #2     | 50.84853 | .2164423 | .4214250 | .0003971 | .000171  | .7027675 | .6233811 |
| #3     | 51.21329 | .2155586 | .4218987 | .0021249 | .000249  | .7048786 | .6161838 |

Sample Name: P4890-06      Acquired: 11/20/2024 13:50:41      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.851910 | .0370035 | .0868623 |
| Stddev | .005142  | .0008750 | .0004269 |
| %RSD   | .2776834 | 2.364726 | .4914512 |
| #1     | 1.851657 | .0369086 | .0864646 |
| #2     | 1.846899 | .0361797 | .0868089 |
| #3     | 1.857174 | .0379221 | .0873133 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2217.789 | 50320.83 | 12019.29 | 1559.883 | 3613.892 |
| Stddev    | 10.918   | 108.78   | 24.00    | 3.784    | 4.404    |
| %RSD      | .4923127 | .2161683 | .1996511 | .2425694 | .1218621 |
| #1        | 2206.568 | 50198.41 | 12045.90 | 1555.842 | 3608.847 |
| #2        | 2218.422 | 50406.37 | 11999.30 | 1560.465 | 3616.966 |
| #3        | 2228.378 | 50357.72 | 12012.65 | 1563.342 | 3615.863 |

Sample Name: P4892-03      Acquired: 11/20/2024 13:55:04      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006844 | -.009200 | .0005363 | .0034090 | .0008625 | .0212513 | .0909770 |
| Stddev | .001565  | .000575  | .0008017 | .0014657 | .0000688 | .0018836 | .0004333 |
| %RSD   | 22.87112 | 6.254146 | 149.4882 | 42.99492 | 7.971337 | 8.863261 | .4763197 |
| #1     | -.007406 | -.009737 | .0006234 | .0050731 | .0009315 | .0214935 | .0904930 |
| #2     | -.008051 | -.009269 | -.000305 | .0028447 | .0008621 | .0192584 | .0911090 |
| #3     | -.005076 | -.008593 | .001291  | .0023094 | .0007940 | .0230021 | .0913290 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000064 | .0000893 | 46.74845 | .0026954 | .0012374 | .0053168 | 2.096443 |
| Stddev | .000015  | .0001045 | .18159   | .0001729 | .0001555 | .0001960 | .008899  |
| %RSD   | 23.60456 | 117.0968 | .3884373 | 6.414540 | 12.56330 | 3.685615 | .4244941 |
| #1     | -.000058 | .0000089 | 46.54166 | .0026016 | .0010584 | .0052270 | 2.102850 |
| #2     | -.000081 | .0002075 | 46.82175 | .0025896 | .0013388 | .0055416 | 2.086282 |
| #3     | -.000053 | .0000515 | 46.88193 | .0028949 | .0013150 | .0051819 | 2.100196 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.200537 | 7.709953 | .0020362 | .0003052 | 301.8213 | .0007919 | .0282085 |
| Stddev | .004814  | .039744  | .0002439 | .0002087 | 1.5559   | .0002760 | .0006110 |
| %RSD   | .4010190 | .5154904 | 11.97691 | 68.38291 | .5155050 | 34.84813 | 2.165859 |
| #1     | 1.194983 | 7.665526 | .0017589 | .0005136 | 300.0395 | .0008216 | .0288119 |
| #2     | 1.203108 | 7.722206 | .0022174 | .0003059 | 302.5132 | .0005023 | .0275902 |
| #3     | 1.203520 | 7.742128 | .0021322 | .0000962 | 302.9113 | .0010518 | .0282234 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.778366 | .0143492 | .0006859 | -.004515 | -.000080 | .5297248 | .0039361 |
| Stddev | .008966  | .0015397 | .0001255 | .000747  | .000512  | .0029336 | .0031185 |
| %RSD   | .5041877 | 10.73008 | 18.29737 | 16.54079 | 639.4221 | .5537934 | 79.22950 |
| #1     | 1.788691 | .0161251 | .0005757 | -.005344 | -.000499 | .5273070 | .0053209 |
| #2     | 1.772542 | .0135322 | .0008224 | -.003894 | -.000232 | .5329884 | .0003650 |
| #3     | 1.773866 | .0133902 | .0006594 | -.004307 | .000491  | .5288792 | .0061224 |

Sample Name: P4892-03      Acquired: 11/20/2024 13:55:04      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2255135 | .0053267 | .0733743 |
| Stddev | .0067997 | .0011383 | .0003390 |
| %RSD   | 3.015191 | 21.37039 | .4620118 |
| #1     | .2332923 | .0066153 | .0730862 |
| #2     | .2207007 | .0049066 | .0737478 |
| #3     | .2225474 | .0044581 | .0732887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2238.733 | 51307.08 | 12124.01 | 1592.927 | 3512.563 |
| Stddev    | 3.908    | 125.60   | 42.68    | 4.073    | 5.680    |
| %RSD      | .1745690 | .2447945 | .3519894 | .2557234 | .1617073 |
| #1        | 2242.229 | 51192.36 | 12173.29 | 1589.831 | 3506.045 |
| #2        | 2234.514 | 51287.60 | 12099.26 | 1597.541 | 3515.190 |
| #3        | 2239.458 | 51441.28 | 12099.49 | 1591.407 | 3516.454 |



Sample Name: P4893-04      Acquired: 11/20/2024 13:59:29      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002782 | -.007304 | .0002462 | .0022961 | -.000398 | .0172514 | .3798162 |
| Stddev | .002373  | .000558  | .0005516 | .0004962 | .000887  | .0081734 | .0015849 |
| %RSD   | 85.28498 | 7.636070 | 224.0508 | 21.61121 | 222.8419 | 47.37800 | .4172857 |
| #1     | -.001738 | -.007877 | .0008740 | .0017267 | -.000971 | .0266757 | .3786066 |
| #2     | -.001111 | -.007272 | -.000161 | .0026363 | .000624  | .0129767 | .3792315 |
| #3     | -.005498 | -.006763 | .000026  | .0025253 | -.000846 | .0121018 | .3816103 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000038 | .0001694 | 46.54392 | .0009009 | .0033730 | .0107000 | .0172040 |
| Stddev | .000044  | .0000158 | .17954   | .0001653 | .0001746 | .0002267 | .0013123 |
| %RSD   | 113.5896 | 9.329795 | .3857412 | 18.34500 | 5.175219 | 2.118832 | 7.627786 |
| #1     | -.000011 | .0001871 | 46.63220 | .0009881 | .0035484 | .0109244 | .0163614 |
| #2     | -.000016 | .0001643 | 46.33733 | .0010043 | .0033714 | .0104710 | .0165347 |
| #3     | -.000089 | .0001567 | 46.66222 | .0007103 | .0031993 | .0107046 | .0187160 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.182109 | 2.781677 | .0060501 | .0003164 | 269.4275 | .0002124 | .0480175 |
| Stddev | .009361  | .029015  | .0001329 | .0001747 | .9675    | .0002971 | .0004572 |
| %RSD   | .4289874 | 1.043067 | 2.195851 | 55.23567 | .3590765 | 139.8537 | .9522546 |
| #1     | 2.178393 | 2.772557 | .0059102 | .0002173 | 268.3119 | -.000129 | .0477669 |
| #2     | 2.175177 | 2.758319 | .0060655 | .0002137 | 270.0353 | .000409  | .0485453 |
| #3     | 2.192758 | 2.814157 | .0061745 | .0005181 | 269.9354 | .000358  | .0477404 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5101707 | .0218379 | .0006988 | -.004953 | -.000538 | .6259003 | .0105358 |
| Stddev | .0011183 | .0003133 | .0001605 | .000277  | .000282  | .0026051 | .0024084 |
| %RSD   | .2192009 | 1.434529 | 22.96432 | 5.586858 | 52.49959 | .4162210 | 22.85898 |
| #1     | .5112373 | .0221733 | .0007116 | -.005014 | -.000775 | .6237311 | .0109928 |
| #2     | .5102678 | .0215529 | .0005324 | -.004651 | -.000225 | .6287898 | .0126830 |
| #3     | .5090071 | .0217875 | .0008525 | -.005194 | -.000613 | .6251800 | .0079317 |

Sample Name: P4893-04      Acquired: 11/20/2024 13:59:29      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3054611 | .0071670 | .0683135 |
| Stddev | .0011228 | .0011747 | .0003193 |
| %RSD   | .3675637 | 16.39075 | .4673573 |
| #1     | .3051033 | .0077359 | .0681105 |
| #2     | .3045608 | .0079490 | .0681486 |
| #3     | .3067192 | .0058162 | .0686815 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2377.012 | 54417.99 | 13002.77 | 1668.779 | 3764.631 |
| Stddev    | 17.820   | 44.37    | 47.83    | 5.952    | 24.899   |
| %RSD      | .7496870 | .0815344 | .3678336 | .3566803 | .6613999 |
| #1        | 2357.507 | 54446.29 | 12971.35 | 1673.484 | 3736.244 |
| #2        | 2381.091 | 54366.86 | 13057.82 | 1662.088 | 3774.878 |
| #3        | 2392.440 | 54440.83 | 12979.16 | 1670.766 | 3782.773 |

Sample Name: P4893-08      Acquired: 11/20/2024 14:03:56      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002326 | -.009239 | -.000228 | .0006808 | -.000708 | -.025990 | .6030477 |
| Stddev | .001645  | .001066  | .000804  | .0008621 | .000817  | .008479  | .0007603 |
| %RSD   | 70.72986 | 11.53755 | 353.2177 | 126.6245 | 115.3810 | 32.62452 | .1260738 |
| #1     | -.000658 | -.008015 | .000593  | .0002311 | -.000453 | -.020726 | .6039168 |
| #2     | -.003947 | -.009961 | -.001014 | .0001366 | -.001621 | -.021473 | .6027202 |
| #3     | -.002374 | -.009741 | -.000262 | .0016748 | -.000049 | -.035771 | .6025059 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000227 | .0002424 | 140.5029 | .0007829 | .0005730 | .0032272 | .0180316 |
| Stddev | .000017  | .0000376 | .5275    | .0002997 | .0000977 | .0003626 | .0031052 |
| %RSD   | 7.431610 | 15.49148 | .3754217 | 38.28643 | 17.05381 | 11.23443 | 17.22119 |
| #1     | -.000208 | .0002169 | 140.7736 | .0005146 | .0005674 | .0028329 | .0158307 |
| #2     | -.000240 | .0002248 | 139.8951 | .0007277 | .0004782 | .0033024 | .0215835 |
| #3     | -.000233 | .0002855 | 140.8402 | .0011064 | .0006734 | .0035462 | .0166806 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.282124 | 2.160817 | .0008409 | .0005084 | 337.2260 | .0003106 | .0431897 |
| Stddev | .009527  | .024861  | .0001133 | .0000908 | 1.7862   | .0003687 | .0031484 |
| %RSD   | .4174786 | 1.150540 | 13.47200 | 17.85880 | .5296782 | 118.7157 | 7.289657 |
| #1     | 2.288879 | 2.182975 | .0009377 | .0005703 | 335.3459 | -.000064 | .0409457 |
| #2     | 2.271226 | 2.133932 | .0008687 | .0005507 | 337.4314 | .000322  | .0467887 |
| #3     | 2.286266 | 2.165543 | .0007163 | .0004042 | 338.9006 | .000674  | .0418346 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9353131 | .0143289 | .0010740 | -.006479 | -.002702 | .6061882 | .0041338 |
| Stddev | .0233221 | .0031897 | .0002563 | .000189  | .000439  | .0111188 | .0007084 |
| %RSD   | 2.493509 | 22.26056 | 23.86155 | 2.916243 | 16.23480 | 1.834220 | 17.13791 |
| #1     | .9171466 | .0126800 | .0007956 | -.006514 | -.002915 | .6021887 | .0044621 |
| #2     | .9271799 | .0180056 | .0013001 | -.006275 | -.002198 | .5976225 | .0033207 |
| #3     | .9616128 | .0123012 | .0011263 | -.006648 | -.002994 | .6187536 | .0046184 |

Sample Name: P4893-08      Acquired: 11/20/2024 14:03:56      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7148630 | .0215457 | .1677712 |
| Stddev | .0095769 | .0010432 | .0004332 |
| %RSD   | 1.339679 | 4.842045 | .2582381 |
| #1     | .7085488 | .0203422 | .1682713 |
| #2     | .7101579 | .0221023 | .1675108 |
| #3     | .7258823 | .0221927 | .1675314 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2222.360 | 51549.94 | 12591.71 | 1569.217 | 3481.408 |
| Stddev    | 5.456    | 200.82   | 65.53    | 10.767   | 15.988   |
| %RSD      | .2455086 | .3895579 | .5204024 | .6861213 | .4592481 |
| #1        | 2225.501 | 51781.58 | 12523.54 | 1580.647 | 3491.843 |
| #2        | 2225.520 | 51443.32 | 12654.23 | 1559.266 | 3489.380 |
| #3        | 2216.060 | 51424.92 | 12597.37 | 1567.739 | 3463.001 |

Sample Name: P4910-04      Acquired: 11/20/2024 14:08:22      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002525 | -.007108 | .0005166 | .0036968 | -.000428 | .0100213 | .3935062 |
| Stddev | .002260  | .001096  | .0007512 | .0013865 | .000318  | .0025835 | .0021938 |
| %RSD   | 89.50754 | 15.41358 | 145.4192 | 37.50475 | 74.32303 | 25.77990 | .5575086 |
| #1     | -.004880 | -.008372 | -.000063 | .0052518 | -.000650 | .0074563 | .3959135 |
| #2     | -.000373 | -.006504 | .000247  | .0032491 | -.000571 | .0126229 | .3929855 |
| #3     | -.002323 | -.006446 | .001365  | .0025895 | -.000064 | .0099847 | .3916195 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000058 | .0001862 | 48.05544 | .0006396 | .0033322 | .0103104 | .0184913 |
| Stddev | .000055  | .0000553 | .15615   | .0001396 | .0000960 | .0004947 | .0016997 |
| %RSD   | 94.76161 | 29.71641 | .3249375 | 21.82387 | 2.879683 | 4.797582 | 9.191966 |
| #1     | -.000022 | .0001663 | 48.22607 | .0007721 | .0034204 | .0107719 | .0172937 |
| #2     | -.000121 | .0001436 | 47.91966 | .0006527 | .0032300 | .0097882 | .0204367 |
| #3     | -.000031 | .0002488 | 48.02059 | .0004939 | .0033462 | .0103711 | .0177436 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.262128 | 2.857117 | .0054833 | .0001279 | 275.3633 | .0010420 | .0495183 |
| Stddev | .012043  | .007968  | .0001825 | .0001290 | .3910    | .0008028 | .0007591 |
| %RSD   | .5323550 | .2788741 | 3.328207 | 100.8536 | .1420048 | 77.03949 | 1.533021 |
| #1     | 2.275860 | 2.865797 | .0056323 | .0001654 | 275.6825 | .0019448 | .0500086 |
| #2     | 2.253369 | 2.855420 | .0052797 | .0002340 | 275.4802 | .0004084 | .0499025 |
| #3     | 2.257154 | 2.850135 | .0055377 | -.000016 | 274.9271 | .0007728 | .0486439 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5165445 | .0220435 | .0004035 | -.005276 | -.000815 | .6192466 | .0092761 |
| Stddev | .0061537 | .0005179 | .0001085 | .000503  | .000349  | .0037884 | .0004573 |
| %RSD   | 1.191317 | 2.349270 | 26.88801 | 9.540055 | 42.88553 | .6117716 | 4.929815 |
| #1     | .5098076 | .0220940 | .0002816 | -.004758 | -.001155 | .6163329 | .0094083 |
| #2     | .5179566 | .0215023 | .0004394 | -.005306 | -.000457 | .6235291 | .0096528 |
| #3     | .5218694 | .0225343 | .0004894 | -.005763 | -.000833 | .6178778 | .0087673 |

Sample Name: P4910-04      Acquired: 11/20/2024 14:08:22      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2811757 | .0075426 | .0708567 |
| Stddev | .0031106 | .0002861 | .0003282 |
| %RSD   | 1.106294 | 3.793117 | .4631896 |
| #1     | .2835097 | .0076793 | .0712255 |
| #2     | .2776443 | .0077347 | .0707478 |
| #3     | .2823730 | .0072138 | .0705968 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2459.837 | 53845.18 | 12627.42 | 1659.140 | 3868.854 |
| Stddev    | 37.620   | 332.72   | 56.42    | 13.948   | 54.595   |
| %RSD      | 1.529377 | .6179129 | .4468096 | .8407001 | 1.411136 |
| #1        | 2418.516 | 53491.13 | 12562.85 | 1643.104 | 3809.341 |
| #2        | 2468.892 | 53893.01 | 12652.20 | 1665.851 | 3880.605 |
| #3        | 2492.103 | 54151.38 | 12667.21 | 1668.464 | 3916.617 |

Sample Name: P4910-08      Acquired: 11/20/2024 14:12:49      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002423 | -.006248 | -.000235 | .0026664 | .0002801 | -.018541 | .5599654 |
| Stddev | .001623  | .002661  | .000366  | .0022143 | .0005665 | .008991  | .0011107 |
| %RSD   | 66.96158 | 42.58144 | 156.0530 | 83.04160 | 202.2677 | 48.49157 | .1983545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000579 | -.008107 | -.000594 | .0014356 | .0005782 | -.027956 | .5600013 |
| #2 | -.003633 | -.003200 | -.000250 | .0013411 | .0006352 | -.017623 | .5610577 |
| #3 | -.003058 | -.007437 | .000139  | .0052226 | -.000373 | -.010044 | .5588371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000221 | .0003019 | 132.1364 | .0005374 | .0005010 | .0027103 | .0158939 |
| Stddev | .000023  | .0000146 | .7889    | .0002235 | .0001732 | .0002691 | .0004870 |
| %RSD   | 10.55414 | 4.832715 | .5970647 | 41.58907 | 34.57181 | 9.930342 | 3.064014 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000202 | .0003062 | 132.3248 | .0003377 | .0006942 | .0029048 | .0154006 |
| #2 | -.000247 | .0003139 | 132.8141 | .0004958 | .0003595 | .0028230 | .0159068 |
| #3 | -.000213 | .0002856 | 131.2703 | .0007788 | .0004495 | .0024031 | .0163743 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.158133 | 2.028074 | .0010809 | .0003845 | 303.7002 | .0006536 | .0381649 |
| Stddev | .008620  | .019559  | .0001525 | .0001577 | 3.1028   | .0008990 | .0001872 |
| %RSD   | .3994289 | .9644270 | 14.10892 | 41.01875 | 1.021651 | 137.5497 | .4905684 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.158159 | 2.037537 | .0009094 | .0004626 | 306.9226 | .0005704 | .0381308 |
| #2 | 2.166741 | 2.041103 | .0011320 | .0004880 | 303.4450 | .0015914 | .0383668 |
| #3 | 2.149500 | 2.005583 | .0012013 | .0002030 | 300.7329 | -.000201 | .0379971 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8121857 | .0112875 | .0009563 | -.006375 | -.002429 | .5316702 | .0048866 |
| Stddev | .0318835 | .0003516 | .0003046 | .001388  | .000398  | .0010552 | .0022355 |
| %RSD   | 3.925648 | 3.114528 | 31.84906 | 21.76314 | 16.36344 | .1984666 | 45.74754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8413039 | .0111902 | .0008769 | -.004781 | -.002588 | .5309812 | .0074119 |
| #2 | .7781161 | .0116774 | .0006992 | -.007039 | -.001977 | .5311444 | .0031608 |
| #3 | .8171370 | .0109948 | .0012927 | -.007307 | -.002723 | .5328850 | .0040871 |

Sample Name: P4910-08      Acquired: 11/20/2024 14:12:49      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7235237 | .0187169 | .1554356 |
| Stddev | .0052487 | .0008861 | .0004027 |
| %RSD   | .7254322 | 4.734212 | .2590916 |
| #1     | .7236245 | .0180261 | .1554280 |
| #2     | .7287212 | .0184086 | .1558421 |
| #3     | .7182253 | .0197159 | .1550367 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2409.637 | 55014.15 | 12928.80 | 1701.789 | 3757.978 |
| Stddev    | 10.359   | 277.56   | 82.44    | 8.593    | 11.497   |
| %RSD      | .4298966 | .5045162 | .6376726 | .5049508 | .3059309 |
| #1        | 2399.264 | 54713.05 | 12889.80 | 1693.349 | 3745.582 |
| #2        | 2419.982 | 55069.64 | 12873.10 | 1701.491 | 3768.291 |
| #3        | 2409.666 | 55259.78 | 13023.51 | 1710.528 | 3760.060 |



Sample Name: P4910-08DUP      Acquired: 11/20/2024 14:17:15      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002520 | -.008164 | -.000124 | .0015823 | .0012547 | -.025781 | .5607111 |
| Stddev | .003954  | .000680  | .000578  | .0022098 | .0015104 | .007830  | .0018261 |
| %RSD   | 156.8887 | 8.327301 | 465.8207 | 139.6612 | 120.3844 | 30.37087 | .3256675 |
| #1     | .000418  | -.007387 | -.000264 | .0017153 | .0014546 | -.033830 | .5600424 |
| #2     | -.007016 | -.008649 | -.000620 | -.000691 | -.000346 | -.018191 | .5627773 |
| #3     | -.000963 | -.008457 | .000511  | .003723  | .002655  | -.025322 | .5593137 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000236 | .0002735 | 131.2363 | .0006168 | .0004265 | .0029831 | .0209370 |
| Stddev | .000036  | .0000629 | .1880    | .0002833 | .0002141 | .0001393 | .0026721 |
| %RSD   | 15.24940 | 23.00161 | .1432411 | 45.92245 | 50.20621 | 4.669146 | 12.76271 |
| #1     | -.000237 | .0002586 | 131.1903 | .0005496 | .0004762 | .0028707 | .0224550 |
| #2     | -.000199 | .0002193 | 131.0756 | .0003732 | .0001919 | .0031389 | .0178516 |
| #3     | -.000271 | .0003425 | 131.4430 | .0009276 | .0006114 | .0029397 | .0225043 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.143336 | 2.024925 | .0010804 | .0001907 | 308.3822 | .0003531 | .0385613 |
| Stddev | .004401  | .027305  | .0001158 | .0002464 | 2.1588   | .0009448 | .0001455 |
| %RSD   | .2053435 | 1.348464 | 10.71951 | 129.1883 | .7000330 | 267.5856 | .3773834 |
| #1     | 2.138254 | 2.008109 | .0011917 | .0004658 | 310.2705 | -.000523 | .0385571 |
| #2     | 2.145935 | 2.010236 | .0010890 | .0001162 | 308.8474 | .001354  | .0387089 |
| #3     | 2.145819 | 2.056431 | .0009605 | -.000010 | 306.0288 | .000228  | .0384179 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8509439 | .0110292 | .0008711 | -.006060 | -.001984 | .5531488 | .0026590 |
| Stddev | .0259195 | .0002627 | .0001066 | .000633  | .000128  | .0049137 | .0024919 |
| %RSD   | 3.045976 | 2.382110 | 12.23672 | 10.44280 | 6.465938 | .8883216 | 93.71377 |
| #1     | .8633419 | .0111757 | .0009768 | -.006442 | -.002129 | .5513783 | .0054991 |
| #2     | .8211538 | .0111860 | .0008729 | -.005330 | -.001887 | .5587024 | .0016391 |
| #3     | .8683360 | .0107259 | .0007636 | -.006408 | -.001935 | .5493657 | .0008389 |

Sample Name: P4910-08DUP      Acquired: 11/20/2024 14:17:15      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7214375 | .0186664 | .1556429 |
| Stddev | .0047612 | .0008341 | .0002992 |
| %RSD   | .6599613 | 4.468585 | .1922119 |
| #1     | .7265561 | .0195973 | .1557237 |
| #2     | .7206158 | .0184149 | .1558934 |
| #3     | .7171406 | .0179869 | .1553116 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2377.478 | 53772.58 | 13014.70 | 1665.181 | 3722.081 |
| Stddev    | 12.777   | 78.13    | 41.97    | 3.208    | 23.079   |
| %RSD      | .5374363 | .1452927 | .3225084 | .1926706 | .6200622 |
| #1        | 2363.117 | 53732.94 | 12966.25 | 1665.929 | 3698.078 |
| #2        | 2381.729 | 53722.22 | 13037.74 | 1667.949 | 3724.057 |
| #3        | 2387.588 | 53862.58 | 13040.11 | 1661.665 | 3744.109 |

Sample Name: P4910-08LX5      Acquired: 11/20/2024 14:21:42      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001702 | -.001062 | -.000324 | -.000695 | -.000878 | -.013159 | .1124661 |
| Stddev | .000633  | .001185  | .000373  | .001152  | .000702  | .002620  | .0003102 |
| %RSD   | 37.20507 | 111.5434 | 115.0648 | 165.7632 | 79.93049 | 19.91318 | .2758103 |
| #1     | -.001705 | -.002164 | .000106  | .000384  | -.001298 | -.014950 | .1125072 |
| #2     | -.002333 | .000192  | -.000560 | -.001909 | -.000068 | -.010151 | .1121374 |
| #3     | -.001067 | -.001215 | -.000519 | -.000561 | -.001268 | -.014375 | .1127537 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000015 | -.000014 | 27.17054 | -.000003 | .0000752 | .0006377 | -.001660 |
| Stddev | .0000243 | .000058  | .17939   | .000426  | .0000753 | .0002369 | .000816  |
| %RSD   | 1673.106 | 403.0895 | .6602218 | 16582.60 | 100.1592 | 37.14937 | 49.12943 |
| #1     | -.000023 | -.000077 | 26.96350 | -.000402 | .0001363 | .0005563 | -.001741 |
| #2     | .000001  | .000037  | 27.27966 | .000445  | .0000983 | .0004522 | -.000807 |
| #3     | .000026  | -.000004 | 27.26845 | -.000052 | -.000009 | .0009046 | -.002432 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4533403 | .4244445 | .0002202 | .0007157 | 61.00687 | .0006353 | .0079202 |
| Stddev | .0016337 | .0083147 | .0001659 | .0002744 | .23433   | .0003565 | .0002851 |
| %RSD   | .3603611 | 1.958973 | 75.34569 | 38.33873 | .3841042 | 56.11129 | 3.599845 |
| #1     | .4520069 | .4285579 | .0002228 | .0008882 | 61.14379 | .0002594 | .0077344 |
| #2     | .4528514 | .4299008 | .0000530 | .0008597 | 60.73630 | .0009685 | .0077777 |
| #3     | .4551626 | .4148748 | .0003848 | .0003993 | 61.14053 | .0006779 | .0082484 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2363952 | .0023837 | .0002951 | -.005085 | -.000332 | .1125642 | -.000973 |
| Stddev | .0178374 | .0003033 | .0002072 | .000277  | .000403  | .0030793 | .000640  |
| %RSD   | 7.545589 | 12.72576 | 70.21271 | 5.452917 | 121.5296 | 2.735571 | 65.79773 |
| #1     | .2335823 | .0020624 | .0001335 | -.004842 | -.000050 | .1114276 | -.001675 |
| #2     | .2201314 | .0024234 | .0005287 | -.005387 | -.000152 | .1160503 | -.000823 |
| #3     | .2554720 | .0026652 | .0002230 | -.005026 | -.000793 | .1102149 | -.000421 |

Sample Name: P4910-08LX5      Acquired: 11/20/2024 14:21:42      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1454517 | .0019950 | .0323116 |
| Stddev | .0010575 | .0007447 | .0001076 |
| %RSD   | .7270615 | 37.33052 | .3331211 |
| #1     | .1442549 | .0026572 | .0322472 |
| #2     | .1462602 | .0021390 | .0322518 |
| #3     | .1458399 | .0011888 | .0324359 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2476.661 | 56520.64 | 13116.50 | 1740.854 | 4019.822 |
| Stddev    | 5.960    | 60.33    | 40.87    | 3.473    | 2.132    |
| %RSD      | .2406498 | .1067361 | .3115595 | .1994857 | .0530354 |
| #1        | 2471.166 | 56575.98 | 13156.30 | 1744.863 | 4020.106 |
| #2        | 2475.820 | 56529.61 | 13074.65 | 1738.907 | 4017.562 |
| #3        | 2482.997 | 56456.33 | 13118.55 | 1738.792 | 4021.797 |

Sample Name: P4910-08MS      Acquired: 11/20/2024 14:26:00      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7375721 | 1.630766 | .8332838 | 1.861638 | .7411984 | 1.829658 | .6646447 |
| Stddev | .0004472 | .010363  | .0008383 | .006837  | .0031779 | .005468  | .0042210 |
| %RSD   | .0606260 | .6354376 | .1006029 | .3672546 | .4287500 | .2988310 | .6350809 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7380353 | 1.633140 | .8331708 | 1.857963 | .7409117 | 1.834640 | .6660405 |
| #2 | .7375380 | 1.619423 | .8341728 | 1.857425 | .7381737 | 1.823808 | .6679911 |
| #3 | .7371429 | 1.639736 | .8325077 | 1.869527 | .7445100 | 1.830526 | .6599026 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1722821 | .1752065 | 115.9299 | .3689648 | .1764084 | .2668711 | 2.743382 |
| Stddev | .0007177 | .0003016 | .5255    | .0005964 | .0005874 | .0007805 | .008829  |
| %RSD   | .4165639 | .1721545 | .4532924 | .1616305 | .3329768 | .2924688 | .3218438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1727287 | .1751253 | 116.2091 | .3689809 | .1760910 | .2671470 | 2.738549 |
| #2 | .1726634 | .1749537 | 116.2569 | .3683606 | .1760480 | .2659901 | 2.738024 |
| #3 | .1714543 | .1755403 | 115.3237 | .3695529 | .1770862 | .2674763 | 2.753573 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.047255 | 3.450527 | .4377751 | .0706485 | 262.9742 | .2731761 | .2285756 |
| Stddev | .009794  | .024424  | .0004720 | .0003715 | 2.1026   | .0025774 | .0000380 |
| %RSD   | .4784129 | .7078233 | .1078062 | .5258226 | .7995380 | .9434797 | .0166431 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.050560 | 3.478654 | .4374460 | .0710362 | 264.6029 | .2754608 | .2285319 |
| #2 | 2.054970 | 3.438235 | .4375635 | .0702957 | 263.7192 | .2736853 | .2285941 |
| #3 | 2.036236 | 3.434691 | .4383158 | .0706136 | 260.6006 | .2703821 | .2286009 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.51146 | .2412190 | .3923853 | .5980186 | .1750187 | 1.211903 | 5.625503 |
| Stddev | .02401   | .0017681 | .0005615 | .0005929 | .0018039 | .004818  | .019637  |
| %RSD   | .2284050 | .7329684 | .1431068 | .0991426 | 1.030661 | .3975263 | .3490691 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 10.51518 | .2431979 | .3919638 | .5977225 | .1753312 | 1.206429 | 5.611750 |
| #2 | 10.53339 | .2406641 | .3921694 | .5987012 | .1766458 | 1.215498 | 5.616766 |
| #3 | 10.48581 | .2397949 | .3930227 | .5976320 | .1730790 | 1.213781 | 5.647992 |

Sample Name: P4910-08MS      Acquired: 11/20/2024 14:26:00      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5319596 | .1768365 | .3149211 |
| Stddev | .0026730 | .0013016 | .0017258 |
| %RSD   | .5024830 | .7360742 | .5480160 |
| #1     | .5347354 | .1762724 | .3159320 |
| #2     | .5317406 | .1783251 | .3159030 |
| #3     | .5294029 | .1759121 | .3129284 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2282.470 | 52489.77 | 12263.26 | 1601.477 | 3611.096 |
| Stddev    | .438     | 97.61    | 90.12    | 5.765    | 4.938    |
| %RSD      | .0192032 | .1859558 | .7348430 | .3599758 | .1367399 |
| #1        | 2282.102 | 52377.25 | 12203.00 | 1600.590 | 3612.390 |
| #2        | 2282.955 | 52540.45 | 12219.93 | 1596.206 | 3615.257 |
| #3        | 2282.353 | 52551.61 | 12366.86 | 1607.633 | 3605.640 |

Sample Name: P4910-08MSD      Acquired: 11/20/2024 14:30:10      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7250656 | 1.617973 | .8214404 | 1.825237 | .7254958 | 1.808275 | .6647471 |
| Stddev | .0013754 | .017084  | .0035515 | .002509  | .0034540 | .008794  | .0014677 |
| %RSD   | .1896984 | 1.055865 | .4323481 | .1374676 | .4760830 | .4862932 | .2207847 |
| #1     | .7234945 | 1.612415 | .8252999 | 1.826950 | .7293953 | 1.815122 | .6664372 |
| #2     | .7256503 | 1.604360 | .8207113 | 1.826403 | .7228212 | 1.798358 | .6637940 |
| #3     | .7260522 | 1.637143 | .8183101 | 1.822357 | .7242710 | 1.811344 | .6640101 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1713589 | .1729762 | 115.2984 | .3603155 | .1741660 | .2625814 | 2.670229 |
| Stddev | .0013362 | .0005286 | .5978    | .0015243 | .0005071 | .0010402 | .010735  |
| %RSD   | .7797495 | .3056144 | .5184823 | .4230455 | .2911550 | .3961412 | .4020338 |
| #1     | .1722997 | .1733726 | 115.8072 | .3601302 | .1747270 | .2635651 | 2.680424 |
| #2     | .1719476 | .1731799 | 115.4480 | .3619240 | .1740309 | .2626864 | 2.659025 |
| #3     | .1698295 | .1723760 | 114.6400 | .3588923 | .1737402 | .2614927 | 2.671239 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.042787 | 3.435747 | .4319833 | .0687176 | 257.9832 | .2718516 | .2236793 |
| Stddev | .010195  | .009033  | .0014016 | .0004432 | 2.1666   | .0007461 | .0007914 |
| %RSD   | .4990734 | .2629151 | .3244622 | .6449853 | .8398194 | .2744358 | .3537914 |
| #1     | 2.051202 | 3.444168 | .4335552 | .0691073 | 260.1014 | .2726183 | .2244230 |
| #2     | 2.045710 | 3.426206 | .4315311 | .0688099 | 255.7713 | .2718083 | .2228476 |
| #3     | 2.031450 | 3.436866 | .4308636 | .0682354 | 258.0769 | .2711281 | .2237673 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.23817 | .2399987 | .3843791 | .5935607 | .1745858 | 1.175558 | 5.608703 |
| Stddev | .04521   | .0015507 | .0010634 | .0006798 | .0010898 | .001443  | .011191  |
| %RSD   | .4415858 | .6461353 | .2766403 | .1145268 | .6241957 | .1227681 | .1995300 |
| #1     | 10.24579 | .2416903 | .3856061 | .5942247 | .1754260 | 1.176330 | 5.618984 |
| #2     | 10.18963 | .2396614 | .3838041 | .5928662 | .1749769 | 1.173893 | 5.596783 |
| #3     | 10.27908 | .2386444 | .3837270 | .5935910 | .1733545 | 1.176451 | 5.610344 |

Sample Name: P4910-08MSD      Acquired: 11/20/2024 14:30:10      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5249000 | .1751302 | .3141483 |
| Stddev | .0025126 | .0004276 | .0008243 |
| %RSD   | .4786849 | .2441459 | .2623794 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .5267414 | .1747514 | .3150871 |
| #2 | .5220376 | .1755939 | .3138145 |
| #3 | .5259210 | .1750454 | .3135432 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2334.787 | 53921.46 | 12318.41 | 1651.622 | 3673.927 |
| Stddev    | 8.802    | 69.27    | 70.25    | 5.741    | 16.208   |
| %RSD      | .3769951 | .1284588 | .5702802 | .3476182 | .4411524 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2328.477 | 53846.12 | 12255.24 | 1650.714 | 3662.426 |
| #2 | 2331.042 | 53982.38 | 12305.92 | 1657.763 | 3666.891 |
| #3 | 2344.843 | 53935.88 | 12394.07 | 1646.388 | 3692.463 |



Sample Name: CCV02      Acquired: 11/20/2024 14:50:26      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 5.462188 | 4.920866 | 5.121001 | 4.624746 | 5.462859 | 9.024199   |
| Stddev | .029015  | .136727  | .025063  | .035807  | .030277  | .060509    |
| %RSD   | .5312027 | 2.778509 | .4894173 | .7742392 | .5542330 | .6705209   |
| #1     | 5.472920 | 4.978008 | 5.132134 | 4.646581 | 5.483291 | 9.086424   |
| #2     | 5.484310 | 5.019752 | 5.138568 | 4.644234 | 5.477211 | 9.020605   |
| #3     | 5.429336 | 4.764838 | 5.092300 | 4.583422 | 5.428075 | 8.965566   |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 9.553610 | .2603509 | 2.607174 | 26.97732 | .9049403 | 2.540256   |
| Stddev | .123687  | .0015766 | .011069  | .14270   | .0038217 | .010014    |
| %RSD   | 1.294665 | .6055770 | .4245650 | .5289775 | .4223103 | .3942159   |
| #1     | 9.600659 | .2614530 | 2.614839 | 27.12015 | .9090343 | 2.545443   |
| #2     | 9.646868 | .2610548 | 2.612199 | 26.97709 | .9043198 | 2.546613   |
| #3     | 9.413302 | .2585450 | 2.594483 | 26.83474 | .9014669 | 2.528712   |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.299315 | 5.121259 | 2.698120 | 23.81629 | 2.460903 | 1.290756   |
| Stddev | .004891  | .008334  | .018506  | .12327   | .009085  | .005071    |
| %RSD   | .3764237 | .1627418 | .6858911 | .5175888 | .3691584 | .3928627   |
| #1     | 1.302192 | 5.124113 | 2.716372 | 23.95460 | 2.466600 | 1.294629   |
| #2     | 1.302085 | 5.111873 | 2.698619 | 23.77627 | 2.465683 | 1.292623   |
| #3     | 1.293668 | 5.127792 | 2.679370 | 23.71800 | 2.450426 | 1.285016   |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 26.72985 | 2.560410 | 2.277047 | 27.26887 | 4.947910 | F 4.316860 |
| Stddev | .23051   | .013862  | .018386  | .08776   | .032953  | .024878    |
| %RSD   | .8623830 | .5414095 | .8074455 | .3218312 | .6659890 | .5763088   |
| #1     | 26.98323 | 2.576417 | 2.279933 | 27.35944 | 4.975348 | 4.332559   |
| #2     | 26.67374 | 2.552382 | 2.293819 | 27.26296 | 4.957021 | 4.329845   |
| #3     | 26.53256 | 2.552431 | 2.257388 | 27.18422 | 4.911360 | 4.288176   |

Sample Name: CCV02      Acquired: 11/20/2024 14:50:26      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Sn1899     | Ti3361     | Si2881     | P_1774     | S_1820     | Li6707     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F 4.359915 | F 4.312892 | F 4.465020 | F 4.475721 | F 4.171360 | F 4.092528 |
| Stddev | .025745    | .025463    | .012611    | .023108    | .029720    | .045851    |
| %RSD   | .5904883   | .5903954   | .2824303   | .5163010   | .7124715   | 1.120353   |
| #1     | 4.371276   | 4.337177   | 4.454784   | 4.470695   | 4.189583   | 4.139979   |
| #2     | 4.378026   | 4.315103   | 4.461168   | 4.500929   | 4.187432   | 4.089138   |
| #3     | 4.330445   | 4.286395   | 4.479107   | 4.455540   | 4.137065   | 4.048466   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F 4.417554 |
| Stddev | .027896    |
| %RSD   | .6314808   |
| #1     | 4.440471   |
| #2     | 4.425698   |
| #3     | 4.386492   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2610.702 | 58577.47 | 12883.18 | 1826.264 | 4137.633 |
| Stddev    | 9.052    | 267.63   | 104.72   | 16.430   | 11.060   |
| %RSD      | .3467215 | .4568891 | .8128790 | .8996254 | .2673112 |
| #1        | 2601.998 | 58296.75 | 12781.08 | 1812.101 | 4127.035 |
| #2        | 2610.041 | 58605.91 | 12878.10 | 1822.415 | 4136.761 |
| #3        | 2620.066 | 58829.75 | 12990.35 | 1844.277 | 4149.104 |

Sample Name: CCB02      Acquired: 11/20/2024 15:00:31      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000236 | .0010947 | .0000675 | .0000246 | .0000282 | -.000919 | -.003359 |
| Stddev | .0011559 | .0009165 | .0003883 | .0003221 | .0009020 | .003876  | .000443  |
| %RSD   | 4899.658 | 83.72421 | 575.1371 | 1310.443 | 3202.607 | 421.6720 | 13.19126 |
| #1     | .0011375 | .0003561 | .0002862 | .0002979 | .0009344 | -.004711 | -.003866 |
| #2     | -.001170 | .0021204 | .0002972 | .0001064 | -.000870 | -.001082 | -.003160 |
| #3     | .000103  | .0008075 | -.000381 | -.000331 | .000020  | .003036  | -.003050 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000005 | -.000074 | -.001426 | .0004174 | .0000365 | -.000281 | -.006320 |
| Stddev | .0000291 | .000093  | .004205  | .0001325 | .0001518 | .000548  | .002804  |
| %RSD   | 6078.024 | 126.2243 | 294.8807 | 31.74696 | 415.7644 | 194.9415 | 44.36377 |
| #1     | -.000033 | -.000029 | -.003243 | .0004643 | -.000136 | -.000232 | -.005669 |
| #2     | .000018  | -.000180 | .003382  | .0002678 | .000098  | -.000852 | -.009392 |
| #3     | .000017  | -.000011 | -.004418 | .0005200 | .000148  | .000241  | -.003899 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001117 | .0032462 | -.000283 | .0006814 | -.166795 | .0007675 | -.000582 |
| Stddev | .0002121 | .0024336 | .000342  | .0001881 | .013955  | .0011463 | .000097  |
| %RSD   | 189.8420 | 74.96789 | 120.8348 | 27.60159 | 8.366810 | 149.3569 | 16.62386 |
| #1     | .0002271 | .0022929 | .000082  | .0007411 | -.177396 | .0020224 | -.000665 |
| #2     | .0002412 | .0014336 | -.000597 | .0008325 | -.172004 | -.000224 | -.000476 |
| #3     | -.000133 | .0060121 | -.000335 | .0004708 | -.150984 | .000504  | -.000607 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.087801 | .0047697 | .0000689 | -.003753 | -.000010 | -.001235 | -.003478 |
| Stddev | .021197  | .0003440 | .0001465 | .000183  | .000199  | .002576  | .000930  |
| %RSD   | 24.14259 | 7.212633 | 212.6983 | 4.878564 | 1946.579 | 208.6883 | 26.72837 |
| #1     | -.104917 | .0043729 | .0001665 | -.003961 | -.000197 | -.004042 | -.004448 |
| #2     | -.064090 | .0049843 | .0001398 | -.003685 | .000198  | .001020  | -.002595 |
| #3     | -.094395 | .0049518 | -.000100 | -.003614 | -.000032 | -.000681 | -.003392 |

Sample Name: CCB02      Acquired: 11/20/2024 15:00:31      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.004917 | -.003340 | -.000096 |
| Stddev | .001157  | .000495  | .000023  |
| %RSD   | 23.53810 | 14.82502 | 23.62701 |
| #1     | -.003851 | -.003301 | -.000105 |
| #2     | -.006148 | -.002866 | -.000112 |
| #3     | -.004752 | -.003854 | -.000070 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2719.460 | 61655.95 | 13321.62 | 1926.796 | 4685.336 |
| Stddev    | 4.165    | 107.37   | 43.95    | .388     | 5.395    |
| %RSD      | .1531627 | .1741414 | .3298883 | .0201395 | .1151409 |
| #1        | 2714.683 | 61752.89 | 13276.79 | 1927.050 | 4679.373 |
| #2        | 2721.365 | 61540.55 | 13364.63 | 1926.989 | 4686.760 |
| #3        | 2722.333 | 61674.42 | 13323.45 | 1926.349 | 4689.877 |

Sample Name: P4910-08A      Acquired: 11/20/2024 15:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6807599 | 1.419873 | .7767439 | 1.722366 | .6917810 | 1.731445 | .6299300 |
| Stddev | .0039742 | .007467  | .0015805 | .006748  | .0024976 | .003337  | .0005696 |
| %RSD   | .5837850 | .5259226 | .2034709 | .3918092 | .3610336 | .1927260 | .0904186 |
| #1     | .6852723 | 1.416793 | .7770452 | 1.730008 | .6943172 | 1.727846 | .6303257 |
| #2     | .6792268 | 1.414439 | .7781520 | 1.717229 | .6917020 | 1.732055 | .6292772 |
| #3     | .6777807 | 1.428388 | .7750345 | 1.719859 | .6893239 | 1.734436 | .6301871 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1635923 | .1636085 | 110.4647 | .3499475 | .1652148 | .2486518 | 2.602348 |
| Stddev | .0007922 | .0002914 | .1508    | .0023363 | .0003762 | .0010427 | .005104  |
| %RSD   | .4842593 | .1780996 | .1365469 | .6676190 | .2277232 | .4193242 | .1961119 |
| #1     | .1644948 | .1639255 | 110.3059 | .3523433 | .1653181 | .2498545 | 2.598033 |
| #2     | .1630116 | .1635478 | 110.4822 | .3498238 | .1655286 | .2480991 | 2.607981 |
| #3     | .1632706 | .1633523 | 110.6060 | .3476756 | .1647977 | .2480019 | 2.601029 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.946337 | 3.300029 | .4089768 | .0668684 | 248.1685 | .2594349 | .2149455 |
| Stddev | .002528  | .010364  | .0002857 | .0004353 | 1.6867   | .0009498 | .0004656 |
| %RSD   | .1299049 | .3140580 | .0698508 | .6510283 | .6796756 | .3661108 | .2166222 |
| #1     | 1.943418 | 3.295266 | .4092765 | .0673198 | 249.5975 | .2605314 | .2153805 |
| #2     | 1.947840 | 3.292902 | .4089462 | .0668344 | 248.6001 | .2588662 | .2150017 |
| #3     | 1.947754 | 3.311918 | .4087076 | .0664511 | 246.3079 | .2589071 | .2144544 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.00960 | .2312870 | .3650570 | .5538894 | .1665763 | 1.160128 | 5.263289 |
| Stddev | .03481   | .0004581 | .0011100 | .0033846 | .0006321 | .004704  | .009676  |
| %RSD   | .3477893 | .1980580 | .3040534 | .6110690 | .3794605 | .4055041 | .1838373 |
| #1     | 10.02645 | .2314887 | .3663363 | .5577348 | .1660421 | 1.158453 | 5.271558 |
| #2     | 10.03279 | .2316096 | .3644845 | .5525710 | .1664128 | 1.165441 | 5.252648 |
| #3     | 9.96957  | .2307627 | .3643501 | .5513623 | .1672741 | 1.156490 | 5.265661 |

Sample Name: P4910-08A      Acquired: 11/20/2024 15:04:50      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4902512 | .1665394 | .2988572 |
| Stddev | .0026342 | .0019298 | .0002369 |
| %RSD   | .5373196 | 1.158781 | .0792589 |
| #1     | .4873213 | .1686425 | .2988826 |
| #2     | .4910085 | .1648500 | .2986086 |
| #3     | .4924239 | .1661255 | .2990803 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2431.775 | 54857.37 | 12833.84 | 1689.980 | 3844.002 |
| Stddev    | 13.707   | 194.19   | 26.65    | 9.984    | 15.230   |
| %RSD      | .5636571 | .3539911 | .2076864 | .5908028 | .3961936 |
| #1        | 2416.170 | 54704.49 | 12815.13 | 1689.525 | 3826.439 |
| #2        | 2437.286 | 54791.76 | 12864.36 | 1680.232 | 3852.003 |
| #3        | 2441.868 | 55075.87 | 12822.03 | 1700.185 | 3853.563 |

Sample Name: PB164986TB      Acquired: 11/20/2024 15:09:01      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003339   | -.007503 | .0006224 | .0042419 | -.000494 | .0072267 |
| Stddev | .001073    | .002239  | .0004004 | .0005614 | .000854  | .0077399 |
| %RSD   | 32.12908   | 29.84209 | 64.32896 | 13.23420 | 172.6575 | 107.1005 |
| #1     | -.003869   | -.005238 | .0001838 | .0048497 | -.000482 | -.001681 |
| #2     | -.004044   | -.007554 | .0009684 | .0037427 | -.001354 | .011055  |
| #3     | -.002105   | -.009715 | .0007150 | .0041334 | .000353  | .012307  |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003606   | -.000065 | -.000193 | .0247615 | .0010678 | -.000254 |
| Stddev | .000324    | .000025  | .000041  | .0054738 | .0001452 | .000123  |
| %RSD   | 8.974597   | 38.42338 | 21.38017 | 22.10617 | 13.59708 | 48.42745 |
| #1     | -.003348   | -.000040 | -.000237 | .0261054 | .0012163 | -.000163 |
| #2     | -.003501   | -.000090 | -.000156 | .0294382 | .0009262 | -.000394 |
| #3     | -.003969   | -.000065 | -.000185 | .0187409 | .0010610 | -.000206 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002269   | .0010392 | .0009413 | .0024487 | .0001348 | .0004310 |
| Stddev | .0001808   | .0016762 | .0001490 | .0074305 | .0002909 | .0001313 |
| %RSD   | 79.66915   | 161.2992 | 15.82729 | 303.4497 | 215.8031 | 30.45700 |
| #1     | .0003545   | .0027597 | .0009512 | -.003747 | .0004215 | .0005825 |
| #2     | .0003063   | .0009468 | .0010851 | .010687  | -.000160 | .0003571 |
| #3     | .0000200   | -.000589 | .0007876 | .000406  | .000143  | .0003533 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 311.7608 | -.000687 | .0026939 | -.113826 | .0018688 | .0005541 |
| Stddev | .8695      | .000633  | .0003007 | .014360  | .0002991 | .0000902 |
| %RSD   | .2788965   | 92.04831 | 11.16201 | 12.61588 | 16.00569 | 16.27734 |
| #1     | 312.2293   | -.000037 | .0023499 | -.114403 | .0016132 | .0006561 |
| #2     | 310.7575   | -.000724 | .0028253 | -.127888 | .0017954 | .0005213 |
| #3     | 312.2955   | -.001301 | .0029065 | -.099185 | .0021977 | .0004849 |

Sample Name: PB164986TB      Acquired: 11/20/2024 15:09:01      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |            |          |
|-----------|----------|----------|----------|----------|------------|----------|
| Elem      | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg       | -.002649 | .0000389 | .0039922 | .0038513 | F .0105887 | -.002408 |
| Stddev    | .000319  | .0003628 | .0044458 | .0022457 | .0011400   | .000915  |
| %RSD      | 12.02607 | 932.8059 | 111.3600 | 58.30834 | 10.76591   | 37.98079 |
| #1        | -.002375 | -.000261 | -.001089 | .0044589 | .0100037   | -.001973 |
| #2        | -.002573 | .000442  | .005897  | .0057307 | .0098601   | -.003459 |
| #3        | -.002998 | -.000064 | .007168  | .0013644 | .0119025   | -.001792 |
| Elem      | Sr4077   |          |          |          |            |          |
| Units     | ppm      |          |          |          |            |          |
| Avg       | -.000098 |          |          |          |            |          |
| Stddev    | .000005  |          |          |          |            |          |
| %RSD      | 5.206240 |          |          |          |            |          |
| #1        | -.000103 |          |          |          |            |          |
| #2        | -.000095 |          |          |          |            |          |
| #3        | -.000094 |          |          |          |            |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306     |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S      |          |
| Avg       | 2398.679 | 53261.71 | 12830.69 | 1696.011 | 3797.842   |          |
| Stddev    | 9.854    | 167.95   | 151.32   | 5.335    | 20.579     |          |
| %RSD      | .4108038 | .3153237 | 1.179385 | .3145585 | .5418663   |          |
| #1        | 2390.877 | 53454.30 | 12993.93 | 1702.024 | 3777.385   |          |
| #2        | 2395.408 | 53185.09 | 12803.05 | 1694.163 | 3797.598   |          |
| #3        | 2409.753 | 53145.74 | 12695.09 | 1691.845 | 3818.541   |          |



Sample Name: PB165060TB      Acquired: 11/20/2024 15:41:24      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002428   | -.005455 | -.000428 | .0018821 | -.000147 | .0022420 |
| Stddev | .003094    | .001414  | .001072  | .0019320 | .000334  | .0005121 |
| %RSD   | 127.4567   | 25.91920 | 250.2437 | 102.6472 | 226.6991 | 22.84331 |
| #1     | .000398    | -.005066 | -.001260 | .0000090 | .000107  | .0021025 |
| #2     | -.005734   | -.004275 | -.000806 | .0038680 | -.000023 | .0028095 |
| #3     | -.001947   | -.007022 | .000781  | .0017695 | -.000526 | .0018141 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003991   | -.000064 | -.000149 | .0276563 | .0006178 | -.000169 |
| Stddev | .000277    | .000021  | .000039  | .0055834 | .0002202 | .000054  |
| %RSD   | 6.945634   | 32.35441 | 26.44880 | 20.18856 | 35.63685 | 31.84931 |
| #1     | -.004306   | -.000071 | -.000111 | .0212760 | .0005216 | -.000206 |
| #2     | -.003785   | -.000041 | -.000190 | .0300442 | .0004621 | -.000107 |
| #3     | -.003881   | -.000081 | -.000145 | .0316486 | .0008697 | -.000193 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001787   | .0011813 | .0008136 | .0017284 | .0002028 | .0003847 |
| Stddev | .0001839   | .0028117 | .0001370 | .0150482 | .0001327 | .0002923 |
| %RSD   | 102.9183   | 238.0197 | 16.83453 | 870.6578 | 65.41674 | 75.99076 |
| #1     | .0003323   | .0020165 | .0008180 | .0159578 | .0001437 | .0001769 |
| #2     | .0002290   | -.001953 | .0006745 | -.014023 | .0003548 | .0007190 |
| #3     | -.000025   | .003481  | .0009484 | .003250  | .0001100 | .0002583 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 297.0675 | -.000099 | .0021669 | -.146685 | -.000593 | .0001862 |
| Stddev | 1.6656     | .000682  | .0001541 | .020558  | .000443  | .0003032 |
| %RSD   | .5606819   | 686.8339 | 7.112296 | 14.01529 | 74.63117 | 162.8701 |
| #1     | 297.4245   | -.000733 | .0021011 | -.169300 | -.001094 | .0001239 |
| #2     | 298.5257   | -.000187 | .0023430 | -.141631 | -.000253 | .0005157 |
| #3     | 295.2524   | .000622  | .0020566 | -.129125 | -.000433 | -.000081 |

Sample Name: PB165060TB      Acquired: 11/20/2024 15:41:24      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.002574 | -.000116 | .0000719 | .0025019 | F .0104665 | -.002466 |
| Stddev | .000635  | .000341  | .0028481 | .0007203 | .0032641   | .000542  |
| %RSD   | 24.65423 | 293.7104 | 3962.555 | 28.79121 | 31.18628   | 21.97829 |
| #1     | -.003278 | .000146  | -.002905 | .0016794 | .0100930   | -.002715 |
| #2     | -.002400 | -.000501 | .000350  | .0030202 | .0074052   | -.002838 |
| #3     | -.002045 | .000007  | .002771  | .0028062 | .0139013   | -.001844 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000120 |
| Stddev | .000043  |
| %RSD   | 36.37730 |
| #1     | -.000095 |
| #2     | -.000093 |
| #3     | -.000170 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2538.480 | 56426.56 | 13227.98 | 1778.052 | 4024.513 |
| Stddev    | 36.607   | 294.03   | 14.37    | 7.952    | 48.072   |
| %RSD      | 1.442082 | .5210801 | .1086350 | .4472417 | 1.194492 |
| #1        | 2559.369 | 56175.72 | 13228.82 | 1769.420 | 4049.517 |
| #2        | 2559.859 | 56353.84 | 13213.20 | 1779.657 | 4054.929 |
| #3        | 2496.211 | 56750.12 | 13241.91 | 1785.079 | 3969.091 |

Sample Name: PB165118BL      Acquired: 11/20/2024 15:45:52      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012654 | .0000188 | .0007198 | -.001844 | -.000499 | .0114532 | -.003131 |
| Stddev | .0013388 | .0007971 | .0001824 | .000312  | .000384  | .0057268 | .000586  |
| %RSD   | 105.8000 | 4245.812 | 25.33609 | 16.93235 | 76.96929 | 50.00214 | 18.70467 |
| #1     | .0012842 | .0009386 | .0009273 | -.001786 | -.000093 | .0050379 | -.003366 |
| #2     | .0025946 | -.000415 | .0006468 | -.001565 | -.000547 | .0160499 | -.003563 |
| #3     | -.000083 | -.000467 | .0005852 | -.002182 | -.000856 | .0132717 | -.002465 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000358 | -.000049 | .0021110 | -.000041 | .0001524 | -.000357 | -.003364 |
| Stddev | .0000218 | .000042  | .0047584 | .000332  | .0001389 | .000242  | .001325  |
| %RSD   | 61.10882 | 84.82560 | 225.4107 | 810.6495 | 91.11853 | 67.76465 | 39.37961 |
| #1     | .0000574 | -.000001 | -.001059 | .000220  | -.000007 | -.000595 | -.004814 |
| #2     | .0000362 | -.000075 | .007583  | .000072  | .000214  | -.000112 | -.002218 |
| #3     | .0000137 | -.000071 | -.000190 | -.000415 | .000250  | -.000364 | -.003059 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002004 | -.001006 | -.000300 | .0003691 | -.015652 | .0008399 | -.000645 |
| Stddev | .0001358 | .005249  | .000121  | .0000884 | .019508  | .0012287 | .000086  |
| %RSD   | 67.73839 | 521.7792 | 40.40837 | 23.96267 | 124.6340 | 146.2861 | 13.30016 |
| #1     | .0003324 | -.003048 | -.000319 | .0004682 | -.035720 | -.000213 | -.000607 |
| #2     | .0002078 | .004957  | -.000411 | .0003406 | -.014480 | .000543  | -.000584 |
| #3     | .0000611 | -.004928 | -.000171 | .0002984 | .003243  | .002190  | -.000743 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009299 | -.000092 | .0001526 | -.003251 | -.000008 | -.002755 | -.002311 |
| Stddev | .012239  | .000243  | .0001885 | .000196  | .000376  | .001947  | .001606  |
| %RSD   | 131.6219 | 263.7465 | 123.5391 | 6.023422 | 4706.974 | 70.67900 | 69.51268 |
| #1     | -.020724 | -.000347 | .0003274 | -.003353 | -.000047 | -.000814 | -.003330 |
| #2     | -.010790 | .000138  | -.000047 | -.003025 | -.000363 | -.004708 | -.000459 |
| #3     | .003618  | -.000068 | .000178  | -.003374 | .000386  | -.002742 | -.003143 |

Sample Name: PB165118BL      Acquired: 11/20/2024 15:45:52      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001111 | -.003015 | -.000112 |
| Stddev | .001244  | .001199  | .000024  |
| %RSD   | 111.9851 | 39.78097 | 21.27853 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.001284 | -.004174 | -.000085 |
| #2 | .000211  | -.001779 | -.000119 |
| #3 | -.002260 | -.003091 | -.000130 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2754.681 | 61463.21 | 13271.46 | 1941.277 | 4724.535 |
| Stddev    | 2.347    | 58.60    | 13.47    | 7.499    | 3.608    |
| %RSD      | .0852099 | .0953381 | .1014890 | .3863109 | .0763580 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2752.129 | 61399.01 | 13255.98 | 1932.770 | 4726.171 |
| #2 | 2756.747 | 61476.81 | 13280.53 | 1946.932 | 4727.034 |
| #3 | 2755.168 | 61513.82 | 13277.86 | 1944.129 | 4720.399 |

Sample Name: PB165118BSRE      Acquired: 11/20/2024 15:50:13      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | As1890     | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6932710   | 1.836408 | .8771356 | 1.780502 | .6973804 | 1.824040 |
| Stddev | .0008747   | .010135  | .0027567 | .005224  | .0000599 | .010111  |
| %RSD   | .1261773   | .5519118 | .3142871 | .2934014 | .0085833 | .5543323 |
| #1     | .6934766   | 1.828271 | .8743426 | 1.783773 | .6974178 | 1.812406 |
| #2     | .6940247   | 1.847761 | .8772097 | 1.783257 | .6974120 | 1.829013 |
| #3     | .6923118   | 1.833193 | .8798546 | 1.774478 | .6973114 | 1.830703 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1725066   | .1842959 | .1740340 | .9069133 | .3663370 | .1751600 |
| Stddev | .0000966   | .0005592 | .0004573 | .0141449 | .0004015 | .0004328 |
| %RSD   | .0559816   | .3034152 | .2627937 | 1.559669 | .1095978 | .2471042 |
| #1     | .1724169   | .1838114 | .1737473 | .8912161 | .3666709 | .1748984 |
| #2     | .1724942   | .1841685 | .1737933 | .9108535 | .3658915 | .1749220 |
| #3     | .1726089   | .1849078 | .1745615 | .9186702 | .3664486 | .1756596 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2801959   | 2.564475 | .1778703 | 1.782821 | .4399374 | .0681901 |
| Stddev | .0003692   | .014806  | .0003913 | .015458  | .0014881 | .0000650 |
| %RSD   | .1317499   | .5773416 | .2199645 | .8670731 | .3382544 | .0953220 |
| #1     | .2806222   | 2.547415 | .1778605 | 1.782250 | .4385685 | .0681468 |
| #2     | .2799773   | 2.572038 | .1774841 | 1.767656 | .4397222 | .0681587 |
| #3     | .2799884   | 2.573972 | .1782664 | 1.798557 | .4415213 | .0682649 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2.325902 | .2713835 | .1873791 | 8.465834 | .2710271 | .3701688 |
| Stddev | .012484    | .0019945 | .0005757 | .048096  | .0008023 | .0003374 |
| %RSD   | .5367412   | .7349272 | .3072661 | .5681199 | .2960419 | .0911575 |
| #1     | 2.316799   | .2703394 | .1878130 | 8.451177 | .2704379 | .3705547 |
| #2     | 2.340133   | .2701278 | .1867260 | 8.519554 | .2719409 | .3699292 |
| #3     | 2.320773   | .2736832 | .1875985 | 8.426772 | .2707025 | .3700225 |

Sample Name: PB165118BSRE      Acquired: 11/20/2024 15:50:13      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | .5997896 | .1754995 | F .6501340 | 5.121942 | F -.012595 | F .1557835 |
| Stddev | .0026284 | .0005686 | .0110090   | .006393  | .000588    | .0011297   |
| %RSD   | .4382223 | .3240166 | 1.693336   | .1248164 | 4.670763   | .7251586   |
| #1     | .5970751 | .1751887 | .6475406   | 5.115337 | -.011958   | .1569763   |
| #2     | .5999712 | .1751541 | .6406533   | 5.122390 | -.012710   | .1547299   |
| #3     | .6023225 | .1761558 | .6622081   | 5.128100 | -.013118   | .1556443   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1802015 |
| Stddev | .0003906 |
| %RSD   | .2167760 |
| #1     | .1804291 |
| #2     | .1804249 |
| #3     | .1797504 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2747.593 | 61961.57 | 12965.18 | 1967.839 | 4551.661 |
| Stddev    | 10.429   | 76.40    | 17.33    | 6.365    | 11.143   |
| %RSD      | .3795838 | .1232966 | .1336351 | .3234461 | .2448123 |
| #1        | 2735.850 | 61961.11 | 12976.72 | 1960.504 | 4539.283 |
| #2        | 2751.152 | 61885.40 | 12973.57 | 1971.094 | 4560.891 |
| #3        | 2755.777 | 62038.19 | 12945.26 | 1971.917 | 4554.810 |

Sample Name: LR1      Acquired: 11/20/2024 15:59:18      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0327690 | -.018017 | .0352090 | -.307106 | -.013418 | 2019.614 | .0132088 |
| Stddev | .0061372 | .015953  | .0051479 | .004784  | .005172  | 24.763   | .0001453 |
| %RSD   | 18.72870 | 88.54447 | 14.62108 | 1.557633 | 38.54213 | 1.226149 | 1.099817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0370632 | -.033640 | .0322060 | -.301775 | -.008379 | 1992.804 | .0133715 |
| #2 | .0355041 | -.018658 | .0411532 | -.311024 | -.013164 | 2024.410 | .0130922 |
| #3 | .0257398 | -.001753 | .0322677 | -.308519 | -.018713 | 2041.629 | .0131626 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097074 | .1507874 | 1786.305 | .0000455 | .0415201 | -.005028 | 906.8026 |
| Stddev | .0000380 | .0034792 | 7.129    | .0002672 | .0010395 | .007263  | .5705    |
| %RSD   | .3911209 | 2.307325 | .3990827 | 587.5977 | 2.503568 | 144.4684 | .0629188 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0096810 | .1487069 | 1783.329 | .0003537 | .0415259 | -.006344 | 906.8969 |
| #2 | .0097509 | .1548039 | 1794.440 | -.000121 | .0425566 | .002804  | 907.3201 |
| #3 | .0096904 | .1488514 | 1781.147 | -.000096 | .0404777 | -.011543 | 906.1907 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.093373 | 1703.073 | .0152203 | -.038301 | 1939.641 | .0788530 | .1652212 |
| Stddev | .000314  | 2.808    | .0015076 | .000200  | 14.848   | .0011811 | .0005497 |
| %RSD   | .3358757 | .1648861 | 9.904957 | .5226483 | .7654986 | 1.497869 | .3326921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.093146 | 1701.835 | .0157282 | -.038238 | 1948.580 | .0783364 | .1653263 |
| #2 | -.093730 | 1706.287 | .0135244 | -.038140 | 1947.841 | .0780182 | .1657107 |
| #3 | -.093242 | 1701.097 | .0164083 | -.038525 | 1922.501 | .0802044 | .1646266 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1332.697 | .4155418 | -.012223 | .0053756 | -.032248 | .1249307 | .0677126 |
| Stddev | 10.002   | .0033505 | .000986  | .0066456 | .000411  | .0066380 | .0126490 |
| %RSD   | .7505382 | .8063088 | 8.071046 | 123.6264 | 1.273507 | 5.313372 | 18.68042 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1329.195 | .4166459 | -.011682 | -.001816 | -.032297 | .1320441 | .0568222 |
| #2 | 1343.980 | .4182010 | -.011624 | .011290  | -.032631 | .1189015 | .0647289 |
| #3 | 1324.917 | .4117786 | -.013361 | .006652  | -.031814 | .1238466 | .0815867 |

Sample Name: LR1      Acquired: 11/20/2024 15:59:18      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.165510 | .3821766 | -.895465 |
| Stddev | .013377  | .0069188 | .000605  |
| %RSD   | 8.082370 | 1.810355 | .0675491 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.151019 | .3747492 | -.895602 |
| #2 | -.168123 | .3833419 | -.895989 |
| #3 | -.177388 | .3884387 | -.894803 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1564.417 | 37905.45 | 10150.04 | 1120.558 | 2175.772 |
| Stddev    | 13.628   | 51.55    | 52.69    | 8.963    | 21.658   |
| %RSD      | .8711109 | .1359950 | .5191017 | .7998533 | .9954330 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1572.037 | 37962.05 | 10207.29 | 1127.942 | 2186.270 |
| #2 | 1548.683 | 37861.19 | 10139.24 | 1110.586 | 2150.865 |
| #3 | 1572.530 | 37893.09 | 10103.58 | 1123.146 | 2190.180 |



Sample Name: LR2      Acquired: 11/20/2024 16:04:14      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073613 | -.040600 | 228.4345 | .0024765 | .0006445 | .0457342 | ^F ***** |
| Stddev | .0043892 | .002172  | 3.2234   | .0040841 | .0009628 | .0010527 | -----    |
| %RSD   | 59.62565 | 5.350729 | 1.411096 | 164.9119 | 149.3755 | 2.301691 | -----    |
| #1     | .0122772 | -.038826 | 225.8596 | .0034708 | .0016820 | .0446391 | ^ -----  |
| #2     | .0059716 | -.043023 | 227.3942 | -.002013 | .0004718 | .0458250 | ^ -----  |
| #3     | .0038352 | -.039951 | 232.0495 | .005972  | -.000220 | .0467386 | ^ -----  |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002716 | -.004885 | .2940052 | .0094593 | -.011789 | 235.6198 | .0095102 |
| Stddev | .000027  | .000194  | .0106672 | .0001219 | .000324  | 3.2313   | .0004109 |
| %RSD   | .9958027 | 3.971720 | 3.628221 | 1.288339 | 2.750998 | 1.371413 | 4.320179 |
| #1     | -.002688 | -.004814 | .3002342 | .0094362 | -.012076 | 234.6824 | .0099842 |
| #2     | -.002741 | -.004737 | .3000932 | .0093507 | -.011437 | 232.9608 | .0092553 |
| #3     | -.002720 | -.005105 | .2816881 | .0095911 | -.011853 | 239.2162 | .0092912 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 46.20478 | -.007382 | 47.73005 | .0003037 | .2985570 | -.014614 | 36.14126 |
| Stddev | .73943   | .009060  | .63439   | .0000612 | .0051155 | .000874  | .01404   |
| %RSD   | 1.600335 | 122.7241 | 1.329111 | 20.16177 | 1.713423 | 5.979215 | .0388388 |
| #1     | 46.87986 | -.016495 | 47.23310 | .0002796 | .3044218 | -.013802 | 36.13993 |
| #2     | 46.31996 | .001624  | 47.51244 | .0002582 | .2950153 | -.015539 | 36.12793 |
| #3     | 45.41451 | -.007276 | 48.44460 | .0003733 | .2962337 | -.014501 | 36.15591 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2304740 | -.000360 | -.005264 | -.002654 | -.033919 | -.008156 | .0663067 |
| Stddev | .0144050 | .000405  | .000377  | .001177  | .000422  | .003025  | .0027346 |
| %RSD   | 6.250165 | 112.3638 | 7.152984 | 44.33751 | 1.243784 | 37.08890 | 4.124229 |
| #1     | .2410550 | .000002  | -.004941 | -.003362 | -.034003 | -.007035 | .0636375 |
| #2     | .2362982 | -.000797 | -.005174 | -.001296 | -.034292 | -.005852 | .0661803 |
| #3     | .2140688 | -.000286 | -.005677 | -.003305 | -.033461 | -.011582 | .0691024 |

Sample Name: LR2      Acquired: 11/20/2024 16:04:14      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.049812 | -.003719 | .0016833 |
| Stddev | .007205  | .000606  | .0000225 |
| %RSD   | 14.46520 | 16.29961 | 1.337365 |
| #1     | -.053300 | -.003328 | .0016969 |
| #2     | -.054609 | -.004418 | .0016957 |
| #3     | -.041526 | -.003412 | .0016573 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2494.902 | 63922.78 | 14071.16 | 1907.954 | 4608.341 |
| Stddev    | 27.818   | 41.95    | 175.22   | 7.779    | 49.310   |
| %RSD      | 1.115003 | .0656304 | 1.245209 | .4077307 | 1.070011 |
| #1        | 2511.015 | 63959.63 | 14018.60 | 1909.405 | 4643.103 |
| #2        | 2510.912 | 63931.60 | 13928.25 | 1914.905 | 4630.014 |
| #3        | 2462.781 | 63877.12 | 14266.64 | 1899.551 | 4551.907 |

Sample Name: PB165118BS      Acquired: 11/20/2024 16:17:25      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7168706 | 1.865695 | .9090268 | 1.839281 | .7206885 | 1.898031 |
| Stddev | .0026027 | .051561  | .0006602 | .006722  | .0037110 | .007413  |
| %RSD   | .3630609 | 2.763640 | .0726224 | .3654759 | .5149271 | .3905865 |
| #1     | .7153111 | 1.815079 | .9082744 | 1.835903 | .7225059 | 1.889653 |
| #2     | .7154255 | 1.863854 | .9092969 | 1.834917 | .7164191 | 1.903739 |
| #3     | .7198752 | 1.918152 | .9095090 | 1.847022 | .7231406 | 1.900702 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1758637 | .1931283 | .1808230 | .9432460 | .3822719 | .1817508 |
| Stddev | .0009890 | .0005969 | .0002425 | .0107325 | .0010625 | .0002057 |
| %RSD   | .5623625 | .3090925 | .1340905 | 1.137825 | .2779360 | .1131507 |
| #1     | .1750898 | .1929920 | .1810196 | .9441075 | .3814415 | .1818936 |
| #2     | .1769779 | .1937817 | .1808973 | .9321088 | .3819050 | .1815151 |
| #3     | .1755235 | .1926113 | .1805521 | .9535219 | .3834692 | .1818436 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2905521 | 2.650894 | .1858006 | 1.851484 | .4569955 | .0700008 |
| Stddev | .0004786 | .013487  | .0010428 | .014271  | .0008415 | .0001124 |
| %RSD   | .1647284 | .5087698 | .5612686 | .7707848 | .1841383 | .1605410 |
| #1     | .2910168 | 2.646334 | .1845992 | 1.865053 | .4578789 | .0699201 |
| #2     | .2905789 | 2.640278 | .1864718 | 1.836602 | .4569043 | .0701291 |
| #3     | .2900607 | 2.666070 | .1863308 | 1.852796 | .4562033 | .0699530 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.548647 | .2829934 | .1911716 | 8.706401 | .2839485 | .3826314 |
| Stddev | .022867  | .0002229 | .0011757 | .034768  | .0005119 | .0004208 |
| %RSD   | .8972290 | .0787510 | .6150081 | .3993384 | .1802691 | .1099679 |
| #1     | 2.525592 | .2828543 | .1911898 | 8.689306 | .2837393 | .3828694 |
| #2     | 2.549026 | .2828754 | .1899869 | 8.683490 | .2845318 | .3821456 |
| #3     | 2.571322 | .2832504 | .1923381 | 8.746407 | .2835744 | .3828793 |

Sample Name: PB165118BS      Acquired: 11/20/2024 16:17:25      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |            |
|--------|----------|----------|------------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm        |
| Avg    | .6200205 | .1823702 | F .6731637 | 5.250308 | F -.013908 | F .1584886 |
| Stddev | .0028072 | .0009066 | .0040455   | .011995  | .001487    | .0018048   |
| %RSD   | .4527562 | .4971337 | .6009698   | .2284657 | 10.69028   | 1.138764   |
| #1     | .6169641 | .1816064 | .6769114   | 5.244400 | -.014852   | .1565123   |
| #2     | .6206138 | .1821322 | .6737047   | 5.242414 | -.014677   | .1600495   |
| #3     | .6224836 | .1833721 | .6688749   | 5.264112 | -.012194   | .1589039   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1849811 |
| Stddev | .0002586 |
| %RSD   | .1397985 |
| #1     | .1846948 |
| #2     | .1851977 |
| #3     | .1850509 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2662.009 | 60245.00 | 12401.18 | 1894.598 | 4410.885 |
| Stddev    | 11.733   | 37.25    | 36.57    | 1.086    | 14.532   |
| %RSD      | .4407705 | .0618339 | .2949209 | .0573208 | .3294604 |
| #1        | 2648.575 | 60220.99 | 12385.97 | 1894.332 | 4394.537 |
| #2        | 2667.207 | 60226.10 | 12374.68 | 1893.669 | 4415.784 |
| #3        | 2670.246 | 60287.91 | 12442.91 | 1895.792 | 4422.335 |

Sample Name: PB165011BL      Acquired: 11/20/2024 16:39:59      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000943 | -.001293 | .0003042 | -.000634 | -.000819 | .0014511 | -.003128 |
| Stddev | .001863  | .000320  | .0004165 | .001236  | .000406  | .0007412 | .000125  |
| %RSD   | 197.5868 | 24.75281 | 136.9247 | 194.9545 | 49.53826 | 51.07960 | 3.997962 |
| #1     | -.002648 | -.001650 | .0004292 | .000792  | -.001266 | .0018991 | -.002999 |
| #2     | .001046  | -.001031 | .0006439 | -.001392 | -.000718 | .0018586 | -.003249 |
| #3     | -.001227 | -.001198 | -.000161 | -.001302 | -.000474 | .0005955 | -.003137 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000364 | -.000033 | -.007558 | .0001874 | -.000034 | -.000007 | -.005935 |
| Stddev | .0000275 | .000034  | .003370  | .0000991 | .000156  | .000508  | .002879  |
| %RSD   | 75.72357 | 103.3613 | 44.59029 | 52.90936 | 458.8380 | 7193.179 | 48.51416 |
| #1     | .0000673 | -.000027 | -.009741 | .0002797 | .000142  | -.000350 | -.003411 |
| #2     | .0000145 | -.000069 | -.009256 | .0000826 | -.000156 | .000577  | -.009071 |
| #3     | .0000274 | -.000002 | -.003677 | .0001999 | -.000088 | -.000248 | -.005322 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000557 | .0043113 | -.000295 | .0004982 | -.011500 | .0004599 | -.000355 |
| Stddev | .0001734 | .0054180 | .000233  | .0000354 | .020562  | .0008793 | .000365  |
| %RSD   | 311.1169 | 125.6686 | 78.88100 | 7.103563 | 178.8008 | 191.1856 | 102.8004 |
| #1     | .0002282 | .0083643 | -.000122 | .0005390 | -.033735 | -.000426 | -.000708 |
| #2     | .0000576 | -.001842 | -.000560 | .0004795 | -.007594 | .000474  | .000020  |
| #3     | -.000119 | .006412  | -.000203 | .0004761 | .006829  | .001332  | -.000376 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.037028 | .0007800 | -.000059 | -.003595 | .0000391 | .0027532 | -.003357 |
| Stddev | .020044  | .0004541 | .000128  | .000763  | .0002893 | .0039673 | .001033  |
| %RSD   | 54.13026 | 58.21823 | 218.2325 | 21.21664 | 739.9006 | 144.0976 | 30.78531 |
| #1     | -.049226 | .0004606 | -.000201 | -.003777 | -.000238 | .0067500 | -.004530 |
| #2     | -.013896 | .0012999 | .000050  | -.002758 | .000339  | -.001184 | -.002955 |
| #3     | -.047964 | .0005795 | -.000025 | -.004250 | .000016  | .002694  | -.002584 |

Sample Name: PB165011BL      Acquired: 11/20/2024 16:39:59      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003398 | -.003967 | -.000132 |
| Stddev | .000872  | .001520  | .000025  |
| %RSD   | 25.66721 | 38.30865 | 18.96093 |
| #1     | -.002414 | -.003479 | -.000112 |
| #2     | -.004074 | -.002751 | -.000160 |
| #3     | -.003707 | -.005670 | -.000125 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2586.553 | 59365.02 | 12253.03 | 1859.906 | 4408.452 |
| Stddev    | 3.038    | 100.87   | 97.39    | 11.387   | 2.946    |
| %RSD      | .1174709 | .1699231 | .7947835 | .6122595 | .0668235 |
| #1        | 2589.198 | 59248.55 | 12142.47 | 1846.838 | 4410.314 |
| #2        | 2583.235 | 59421.58 | 12290.56 | 1867.705 | 4409.986 |
| #3        | 2587.227 | 59424.92 | 12326.07 | 1865.175 | 4405.055 |

Sample Name: PB165011BS      Acquired: 11/20/2024 16:44:20      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7432921 | 1.930067 | .9358732 | 1.923368 | .7505947 | 1.956314 |
| Stddev | .0010665 | .018104  | .0018818 | .004041  | .0017195 | .004594  |
| %RSD   | .1434834 | .9380128 | .2010690 | .2101053 | .2290901 | .2348362 |
| #1     | .7423995 | 1.914105 | .9352362 | 1.918786 | .7487118 | 1.954188 |
| #2     | .7444731 | 1.949739 | .9343926 | 1.926422 | .7520819 | 1.953168 |
| #3     | .7430036 | 1.926357 | .9379907 | 1.924897 | .7509903 | 1.961586 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1811764 | .1965654 | .1852520 | .9675591 | .3980134 | .1873457 |
| Stddev | .0002092 | .0007834 | .0003276 | .0063267 | .0003601 | .0001758 |
| %RSD   | .1154978 | .3985406 | .1768324 | .6538854 | .0904679 | .0938294 |
| #1     | .1812797 | .1970637 | .1856231 | .9613356 | .3976637 | .1874989 |
| #2     | .1813138 | .1969699 | .1850032 | .9739842 | .3983830 | .1873844 |
| #3     | .1809355 | .1956624 | .1851297 | .9673574 | .3979934 | .1871538 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3001005 | 2.798772 | .1890168 | 1.908451 | .4699602 | .0733636 |
| Stddev | .0000636 | .011136  | .0004983 | .015338  | .0010463 | .0004664 |
| %RSD   | .0211759 | .3978767 | .2636148 | .8036772 | .2226468 | .6357040 |
| #1     | .3000273 | 2.791562 | .1885582 | 1.893300 | .4707472 | .0735690 |
| #2     | .3001416 | 2.793156 | .1889453 | 1.908082 | .4687728 | .0736921 |
| #3     | .3001327 | 2.811597 | .1895470 | 1.923969 | .4703607 | .0728298 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.633304 | .2894487 | .2019814 | 9.256705 | .2866645 | .3981494 |
| Stddev | .009634  | .0007114 | .0008599 | .028334  | .0008228 | .0006859 |
| %RSD   | .3658474 | .2457702 | .4257539 | .3060893 | .2870153 | .1722742 |
| #1     | 2.637007 | .2886638 | .2028975 | 9.275908 | .2869105 | .3973621 |
| #2     | 2.622368 | .2900510 | .2011916 | 9.224163 | .2873361 | .3986180 |
| #3     | 2.640536 | .2896313 | .2018552 | 9.270042 | .2857467 | .3984680 |

Sample Name: PB165011BS      Acquired: 11/20/2024 16:44:20      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |            |          |
|--------|----------|----------|------------|----------|------------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820     | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm        | ppm      |
| Avg    | .6396751 | .1866159 | F .7171936 | 5.455343 | F -.010922 | .1630182 |
| Stddev | .0024067 | .0005394 | .0083431   | .009106  | .003929    | .0019087 |
| %RSD   | .3762437 | .2890279 | 1.163300   | .1669163 | 35.96933   | 1.170863 |
| #1     | .6422395 | .1862265 | .7155418   | 5.463357 | -.012038   | .1651226 |
| #2     | .6393205 | .1872315 | .7097999   | 5.457231 | -.006556   | .1625332 |
| #3     | .6374654 | .1863896 | .7262391   | 5.445441 | -.014172   | .1613988 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1909778 |
| Stddev | .0003418 |
| %RSD   | .1789778 |
| #1     | .1911416 |
| #2     | .1912069 |
| #3     | .1905849 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2541.437 | 56624.80 | 12112.80 | 1776.302 | 4230.920 |
| Stddev    | 2.785    | 72.76    | 27.68    | 6.526    | 7.558    |
| %RSD      | .1095861 | .1284989 | .2285039 | .3674135 | .1786344 |
| #1        | 2538.277 | 56599.86 | 12099.85 | 1773.901 | 4222.402 |
| #2        | 2543.533 | 56706.76 | 12093.96 | 1783.689 | 4233.532 |
| #3        | 2542.502 | 56567.79 | 12144.57 | 1771.316 | 4236.825 |



Sample Name: CCV03      Acquired: 11/20/2024 16:48:19      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.614964 | 4.606499 | 4.635036 | 4.724531 | 4.675889 | 9.543753 |
| Stddev | .024879  | .038546  | .034292  | .030019  | .033083  | .034412  |
| %RSD   | .5390892 | .8367745 | .7398388 | .6353919 | .7075289 | .3605684 |
| #1     | 4.643564 | 4.641945 | 4.673851 | 4.758267 | 4.713905 | 9.583308 |
| #2     | 4.598323 | 4.565463 | 4.622408 | 4.714558 | 4.653625 | 9.520695 |
| #3     | 4.603004 | 4.612089 | 4.608849 | 4.700767 | 4.660137 | 9.527258 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.036772 | .2365598 | 2.297519 | 23.16738 | .9711124 | 2.296746 |
| Stddev | .069602  | .0013242 | .015316  | .10188   | .0009930 | .017697  |
| %RSD   | .7702092 | .5597602 | .6666334 | .4397532 | .1022562 | .7705210 |
| #1     | 9.115864 | .2375629 | 2.314593 | 23.28389 | .9718073 | 2.316895 |
| #2     | 9.009586 | .2350589 | 2.292977 | 23.09503 | .9715547 | 2.289621 |
| #3     | 8.984865 | .2370577 | 2.284988 | 23.12321 | .9699750 | 2.283722 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.180608 | 4.612681 | 2.250392 | 23.37841 | 2.302826 | 1.201361 |
| Stddev | .008363  | .004595  | .010508  | .06051   | .016533  | .003206  |
| %RSD   | .7083898 | .0996107 | .4669333 | .2588464 | .7179480 | .2668922 |
| #1     | 1.189961 | 4.617705 | 2.260232 | 23.43493 | 2.321541 | 1.204741 |
| #2     | 1.178011 | 4.611649 | 2.239324 | 23.38573 | 2.296729 | 1.200980 |
| #3     | 1.173851 | 4.608691 | 2.251618 | 23.31457 | 2.290207 | 1.198362 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.83819 | 2.351456 | 2.427706 | 23.69594 | 4.672393 | 4.740202 |
| Stddev | .07485   | .005696  | .011295  | .05026   | .023420  | .036009  |
| %RSD   | .3277492 | .2422536 | .4652572 | .2121090 | .5012525 | .7596411 |
| #1     | 22.92449 | 2.357538 | 2.427862 | 23.73801 | 4.697374 | 4.781393 |
| #2     | 22.79090 | 2.350583 | 2.438922 | 23.64028 | 4.650931 | 4.724513 |
| #3     | 22.79919 | 2.346246 | 2.416334 | 23.70952 | 4.668874 | 4.714700 |

Sample Name: CCV03      Acquired: 11/20/2024 16:48:19      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774   | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 4.551923 | 4.579183 | 4.778357 | 4.678438 | F 4.479535 | F 4.316952 |
| Stddev | .035214  | .015979  | .022598  | .030482  | .022701    | .033186    |
| %RSD   | .7736090 | .3489407 | .4729341 | .6515528 | .5067777   | .7687294   |
| #1     | 4.590699 | 4.593471 | 4.752608 | 4.711669 | 4.504154   | 4.340284   |
| #2     | 4.543137 | 4.561929 | 4.794896 | 4.651775 | 4.475021   | 4.278961   |
| #3     | 4.521934 | 4.582149 | 4.787568 | 4.671868 | 4.459430   | 4.331610   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.653834 |
| Stddev | .034605  |
| %RSD   | .7435790 |
| #1     | 4.690058 |
| #2     | 4.650328 |
| #3     | 4.621115 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2543.424 | 55579.96 | 12303.25 | 1747.917 | 4012.691 |
| Stddev    | 20.563   | 271.99   | 78.49    | 19.075   | 31.293   |
| %RSD      | .8084599 | .4893647 | .6379982 | 1.091287 | .7798627 |
| #1        | 2520.057 | 55308.11 | 12212.66 | 1743.939 | 3977.225 |
| #2        | 2551.460 | 55579.68 | 12351.13 | 1731.144 | 4024.432 |
| #3        | 2558.756 | 55852.09 | 12345.95 | 1768.666 | 4036.415 |

Sample Name: CCB03      Acquired: 11/20/2024 16:52:29      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000259 | .0018540 | .0005280 | -.000855 | -.000192 | -.001922 | -.002729 |
| Stddev | .001058  | .0004839 | .0007666 | .003027  | .000634  | .000950  | .000400  |
| %RSD   | 408.0071 | 26.09808 | 145.1735 | 353.9199 | 329.2995 | 49.44501 | 14.65198 |
| #1     | .000905  | .0017069 | .0003353 | .001074  | -.000917 | -.000833 | -.003187 |
| #2     | -.000521 | .0023944 | -.000124 | -.004344 | .000259  | -.002348 | -.002449 |
| #3     | -.001162 | .0014608 | .001373  | .000704  | .000080  | -.002586 | -.002551 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000410 | -.000017 | .0064585 | .0000399 | .0000670 | -.000088 | -.003697 |
| Stddev | .0000390 | .000026  | .0017888 | .0002544 | .0000406 | .000159  | .001954  |
| %RSD   | 95.13931 | 152.5337 | 27.69653 | 636.9443 | 60.49523 | 180.5181 | 52.86918 |
| #1     | .0000777 | .000002  | .0066564 | -.000098 | .0000463 | -.000060 | -.003344 |
| #2     | .0000453 | -.000047 | .0081401 | -.000116 | .0000411 | .000055  | -.005803 |
| #3     | .0000000 | -.000006 | .0045790 | .000333  | .0001138 | -.000259 | -.001943 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000596 | -.004979 | -.000008 | .0003924 | -.039251 | .0001143 | -.000246 |
| Stddev | .0000650 | .013316  | .000244  | .0002929 | .018508  | .0006215 | .000210  |
| %RSD   | 108.9026 | 267.4354 | 2992.793 | 74.63907 | 47.15310 | 544.0149 | 85.18163 |
| #1     | .0000089 | -.009477 | .000204  | .0004015 | -.058898 | -.000535 | -.000328 |
| #2     | .0001328 | .010004  | .000047  | .0000951 | -.036710 | .000175  | -.000403 |
| #3     | .0000372 | -.015464 | -.000275 | .0006807 | -.022145 | .000703  | -.000008 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.021153 | .0055960 | .0001218 | -.003394 | .0000909 | .0022122 | -.002455 |
| Stddev | .018502  | .0006128 | .0001378 | .000506  | .0002293 | .0027471 | .002613  |
| %RSD   | 87.46731 | 10.95142 | 113.1237 | 14.91807 | 252.1877 | 124.1803 | 106.4676 |
| #1     | -.042475 | .0058712 | .0001953 | -.003054 | .0003442 | .0033759 | -.000515 |
| #2     | -.011643 | .0048938 | .0002073 | -.003153 | -.000102 | -.000925 | -.001422 |
| #3     | -.009340 | .0060231 | -.000037 | -.003976 | .000031  | .004186  | -.005426 |

Sample Name: CCB03      Acquired: 11/20/2024 16:52:29      Type: Unk  
Method: NON EPA-6010-200.7(v2475)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002494 | -.004067 | -.000027 |
| Stddev | .000762  | .000953  | .000017  |
| %RSD   | 30.57681 | 23.44083 | 62.82787 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003314 | -.004147 | -.000047 |
| #2 | -.001806 | -.003076 | -.000017 |
| #3 | -.002361 | -.004978 | -.000017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2686.232 | 59598.55 | 12560.32 | 1897.402 | 4583.664 |
| Stddev    | 4.749    | 148.21   | 57.83    | 4.265    | 10.060   |
| %RSD      | .1767963 | .2486766 | .4604083 | .2247883 | .2194721 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2682.277 | 59768.01 | 12515.43 | 1897.716 | 4575.165 |
| #2 | 2691.499 | 59493.17 | 12625.57 | 1892.988 | 4594.771 |
| #3 | 2684.919 | 59534.46 | 12539.96 | 1901.501 | 4581.056 |