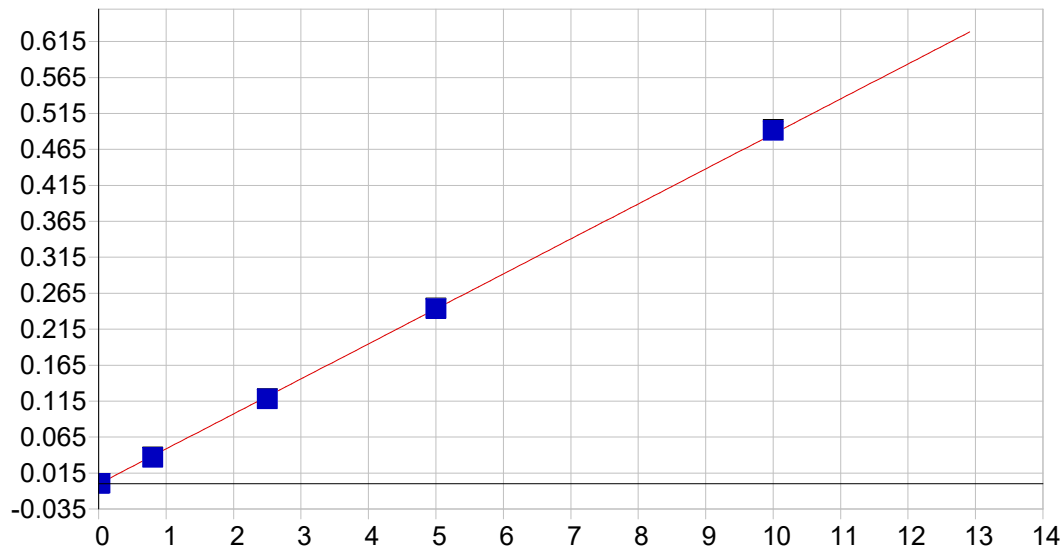


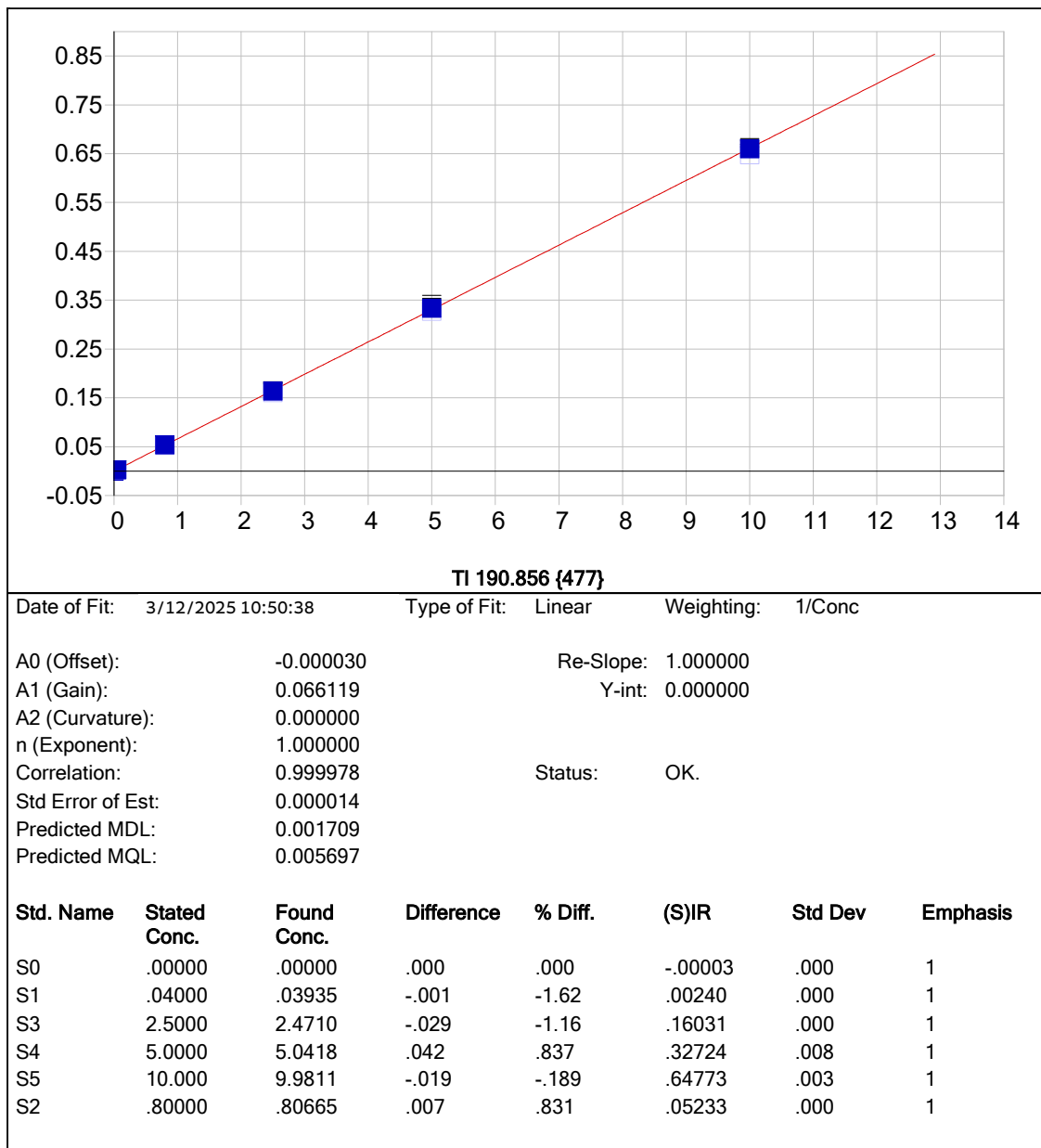


**As 189.042 {479}**

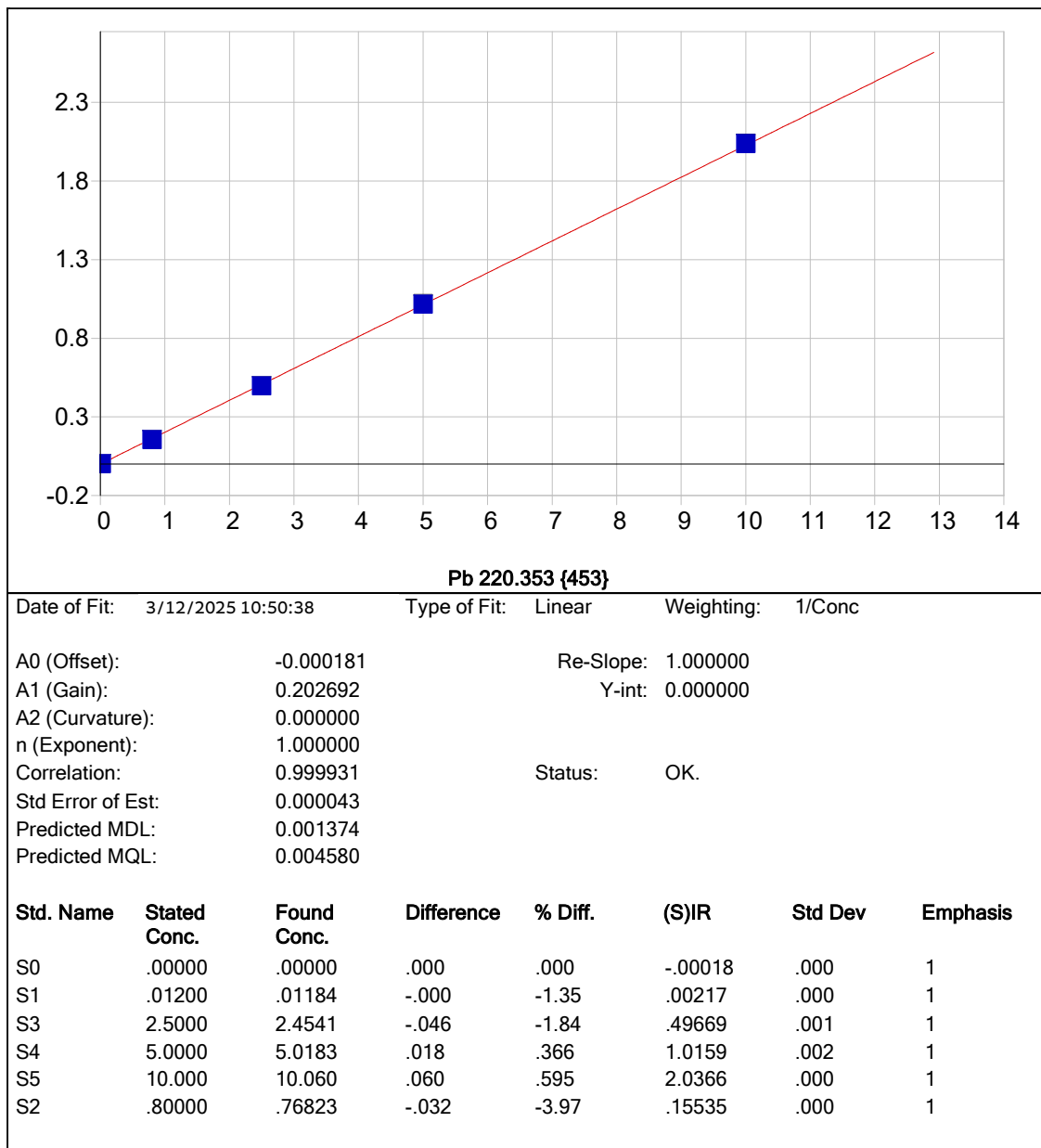
Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

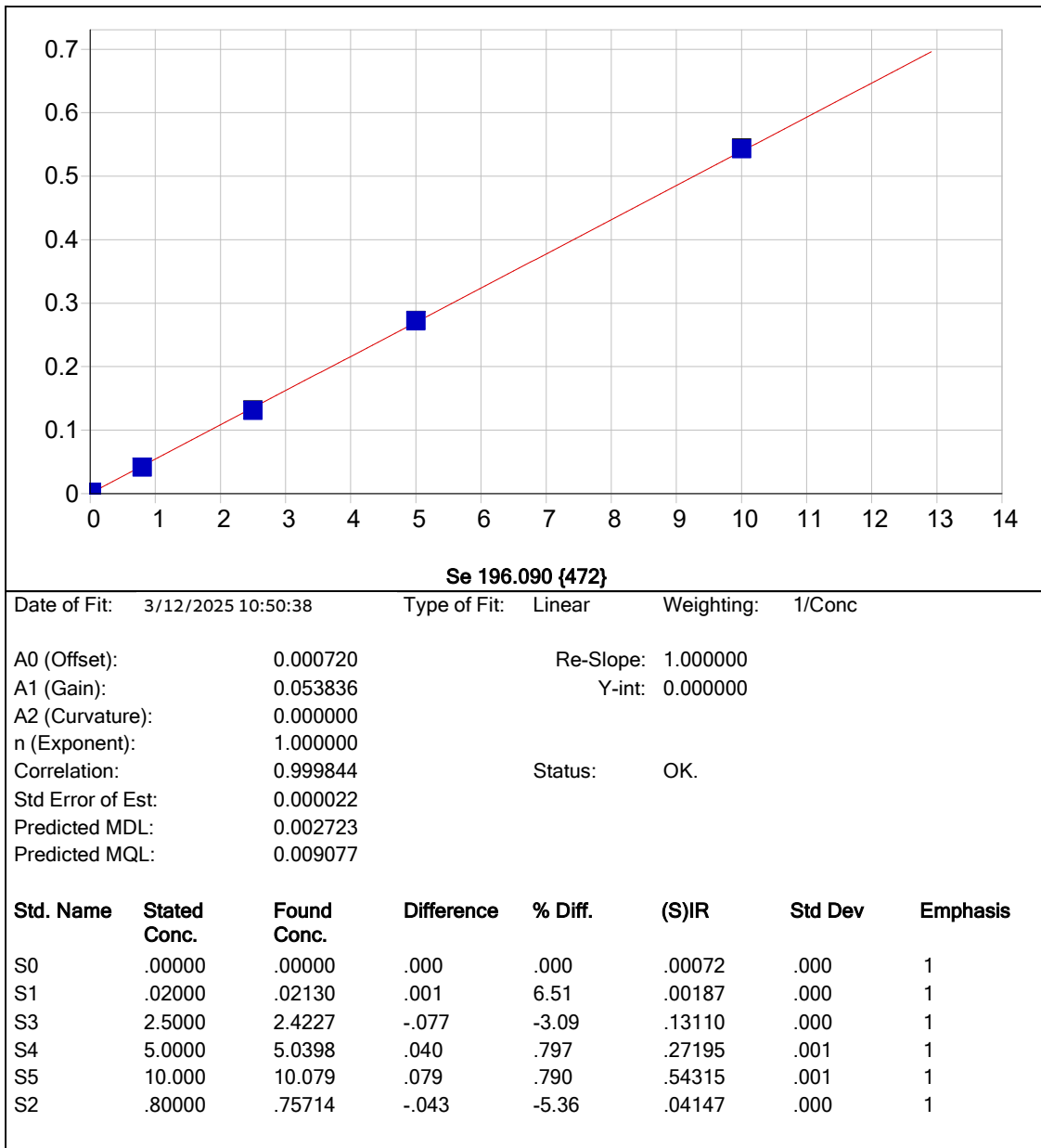
A0 (Offset): -0.000140 Re-Slope: 1.000000  
A1 (Gain): 0.048662 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999851 Status: OK.  
Std Error of Est: 0.000020  
Predicted MDL: 0.002458  
Predicted MQL: 0.008194

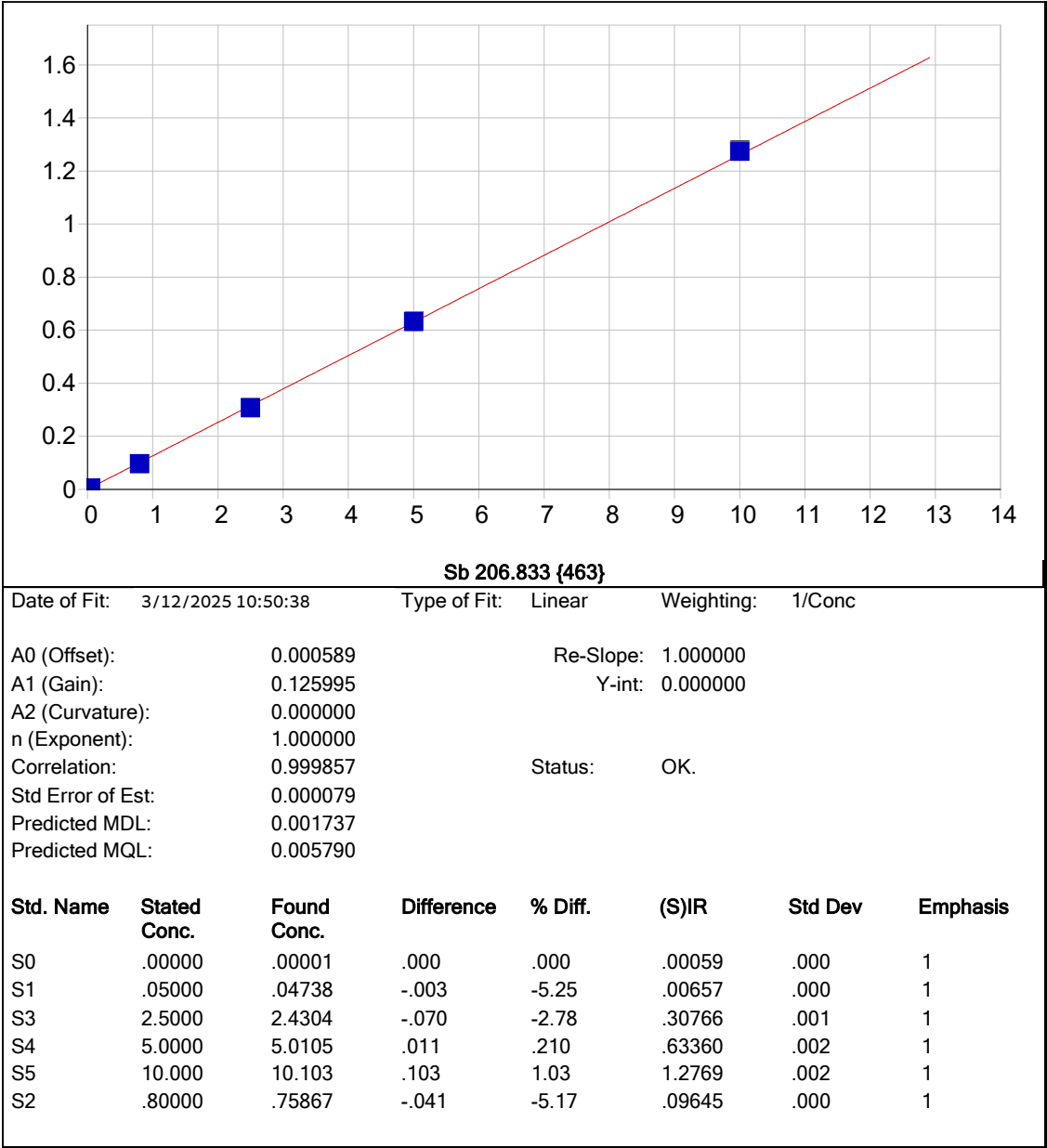
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00014 | .000    | 1        |
| S1        | .02000       | .01956      | -.000      | -2.18   | .00081  | .000    | 1        |
| S3        | 2.5000       | 2.4264      | -.074      | -2.94   | .11780  | .000    | 1        |
| S4        | 5.0000       | 5.0119      | .012       | .238    | .24349  | .000    | 1        |
| S5        | 10.000       | 10.104      | .104       | 1.04    | .49101  | .001    | 1        |
| S2        | .80000       | .75822      | -.042      | -5.22   | .03671  | .000    | 1        |

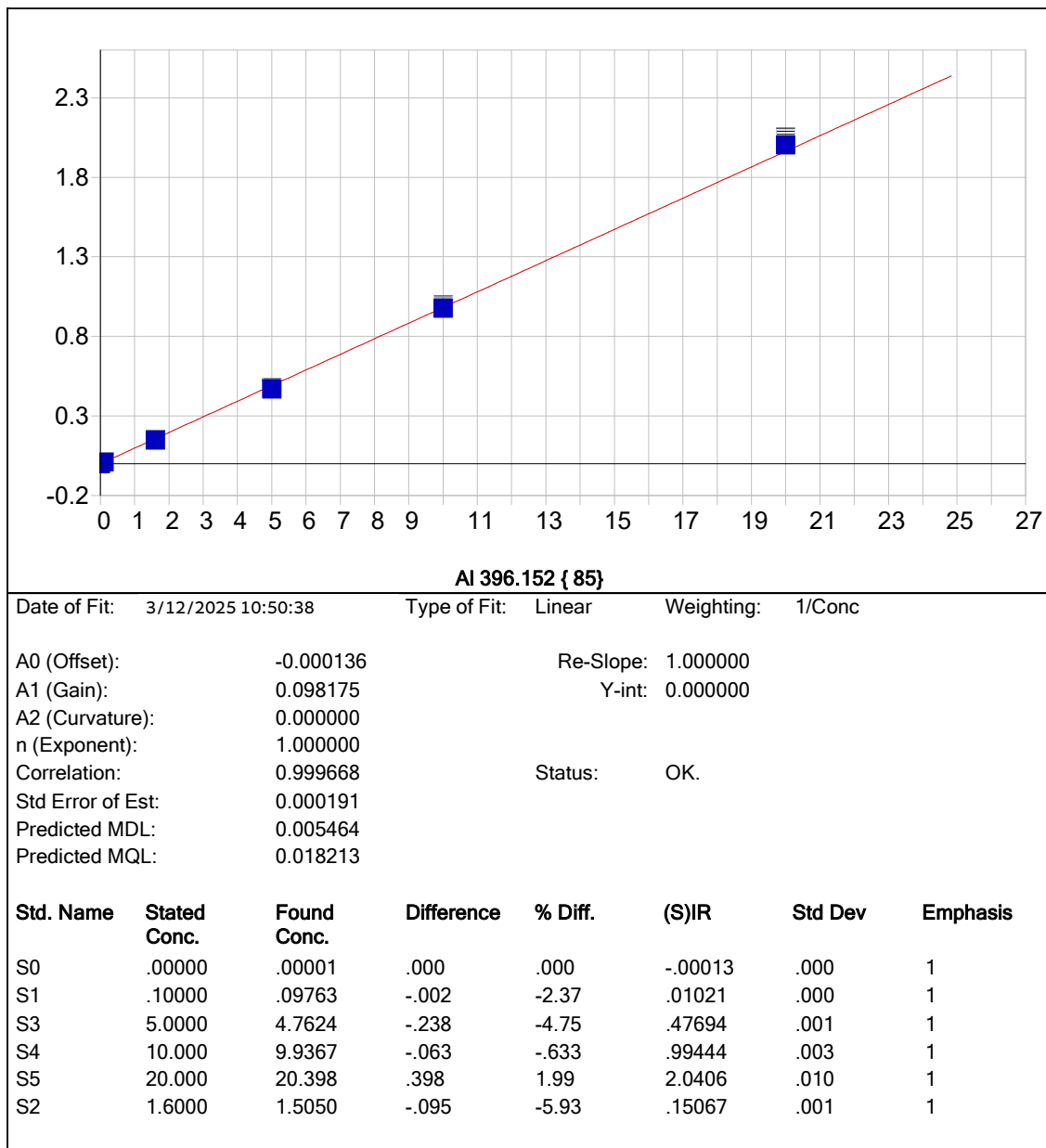


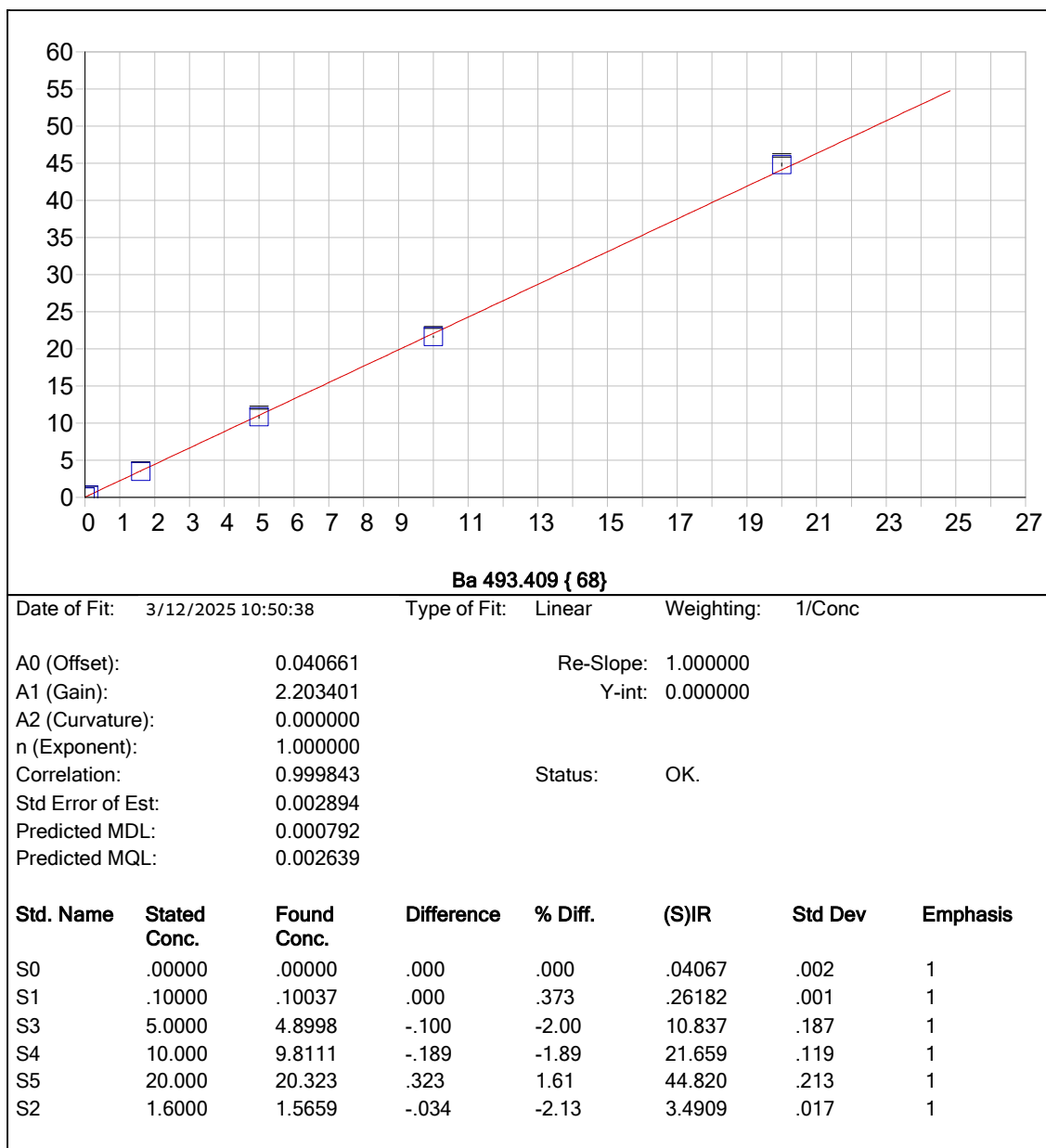


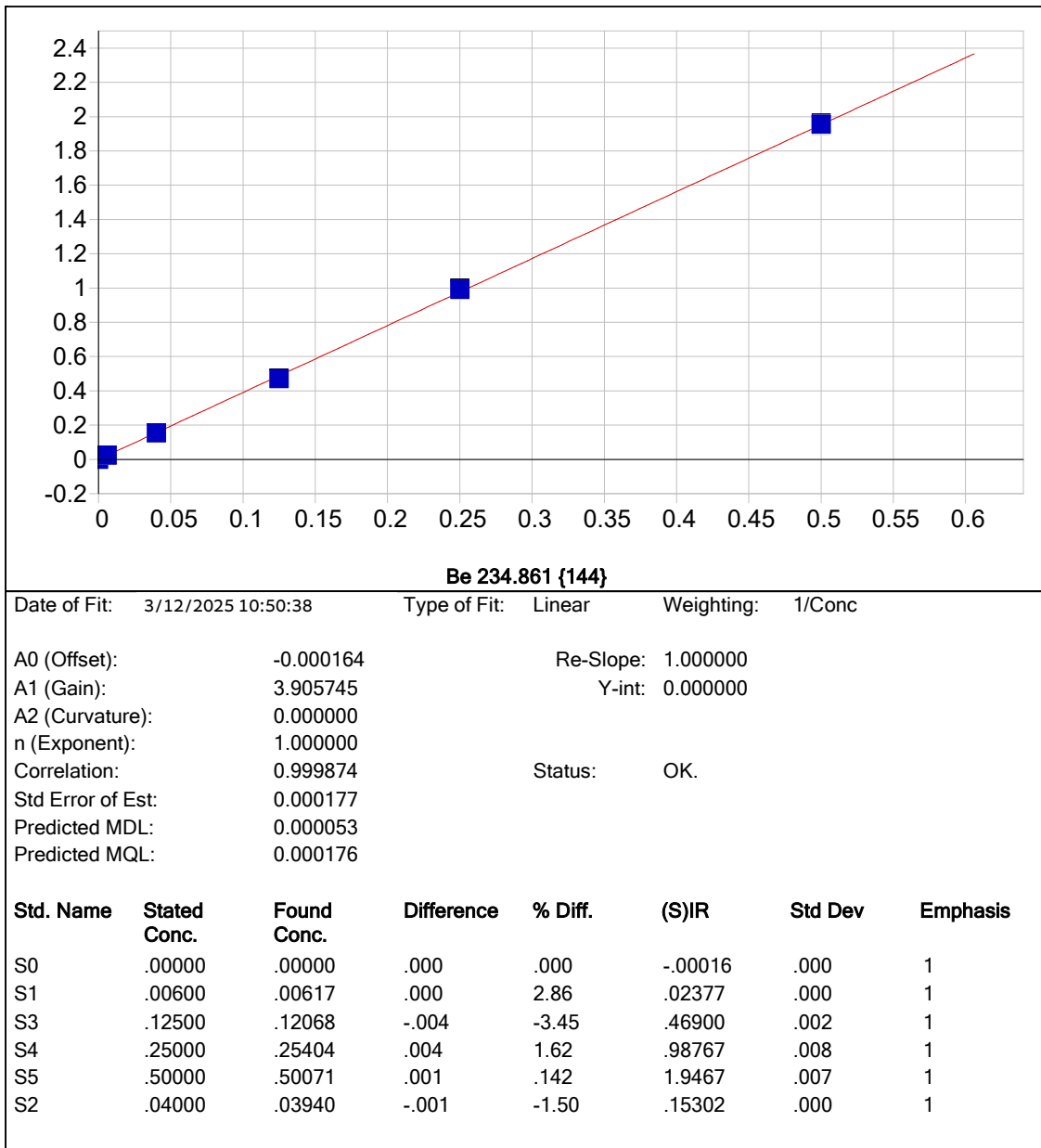


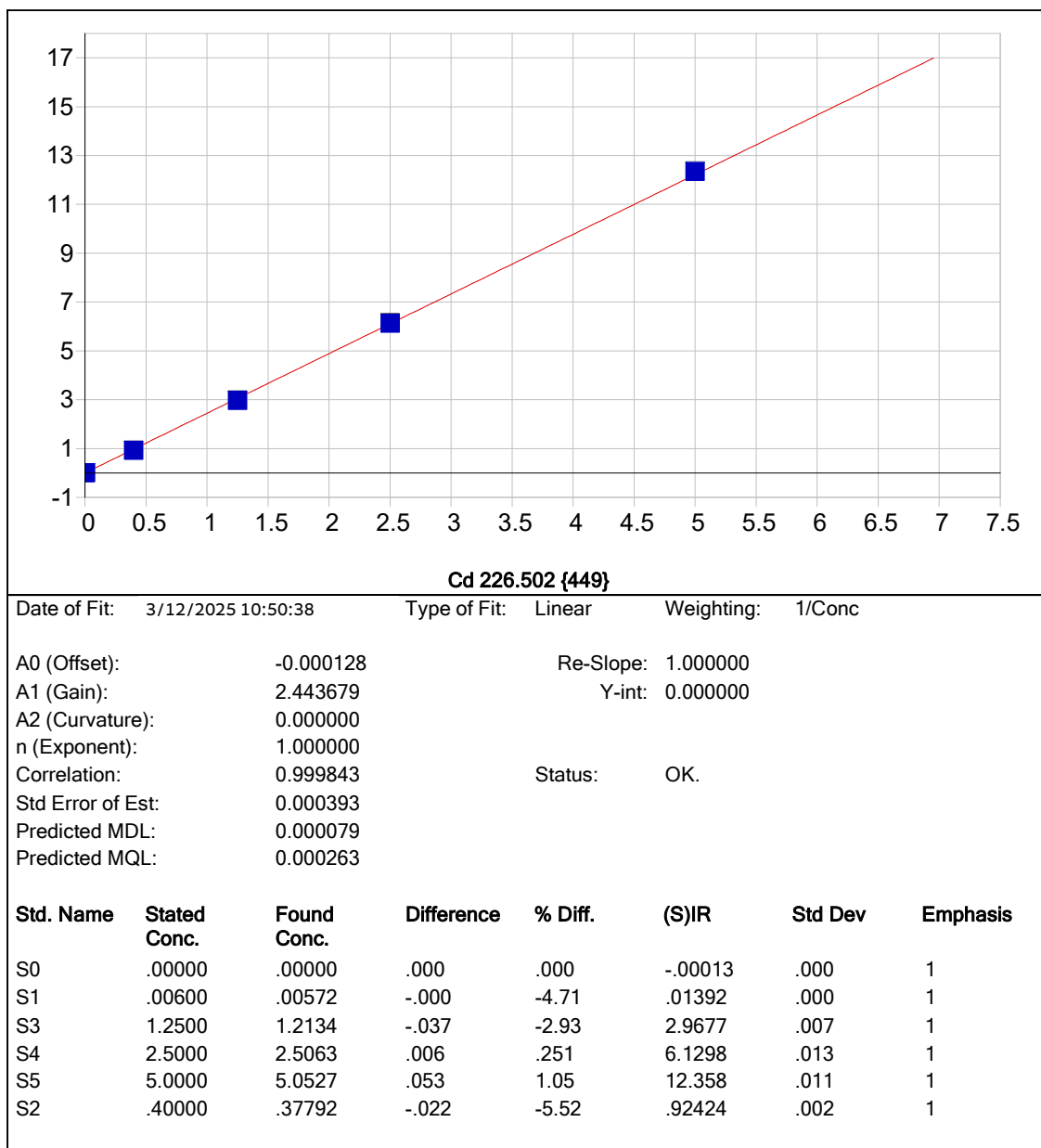


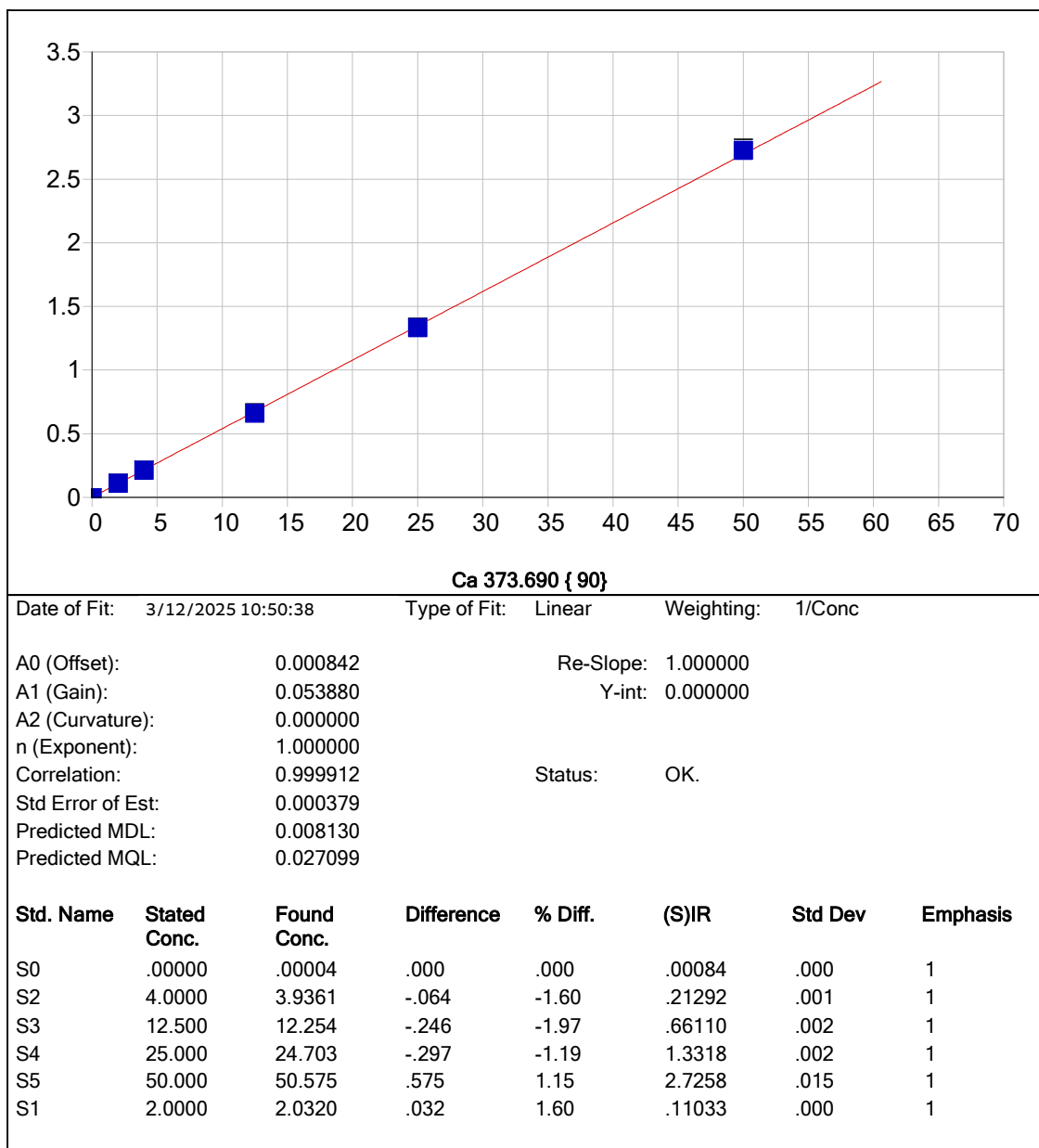




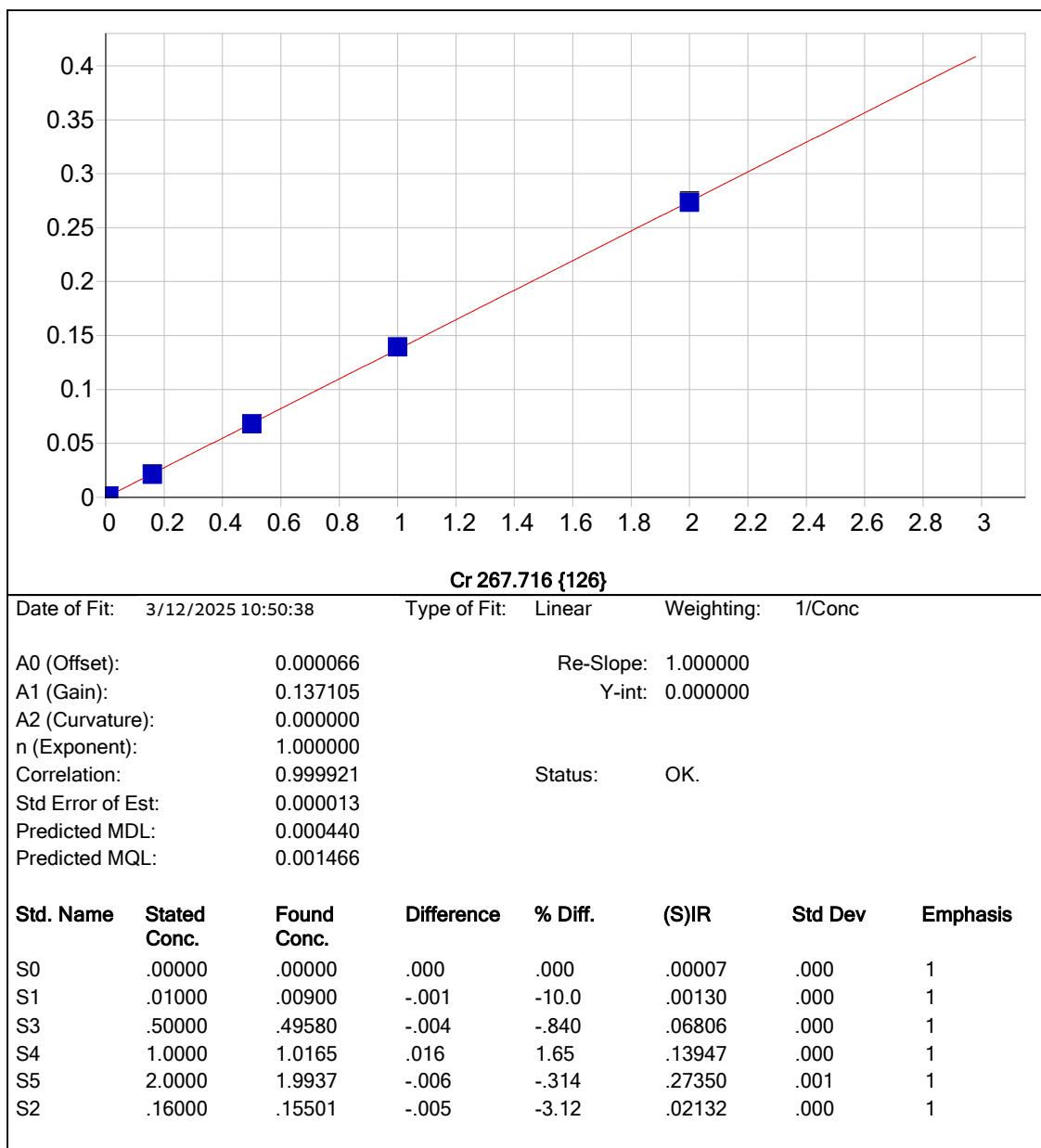


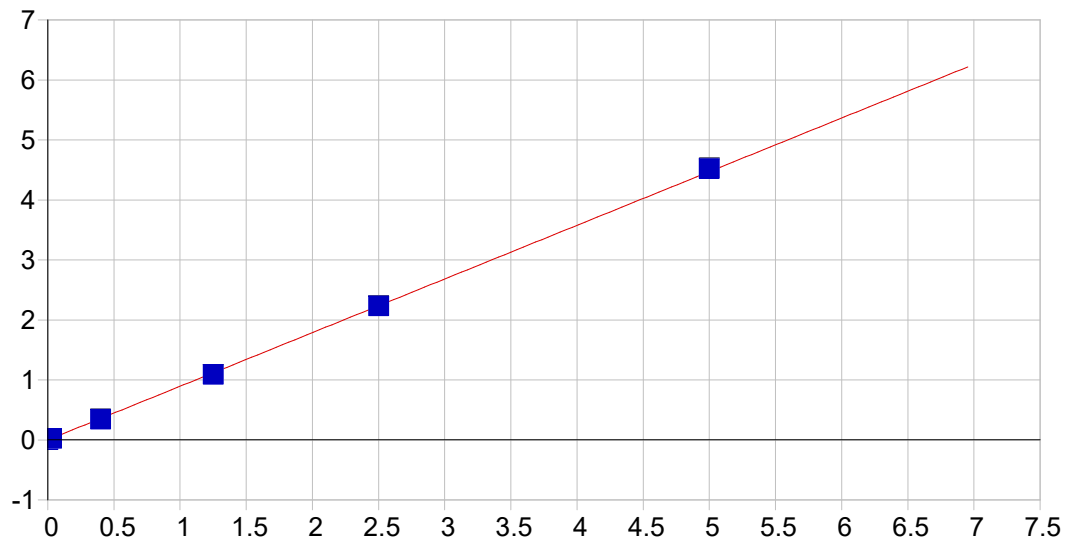










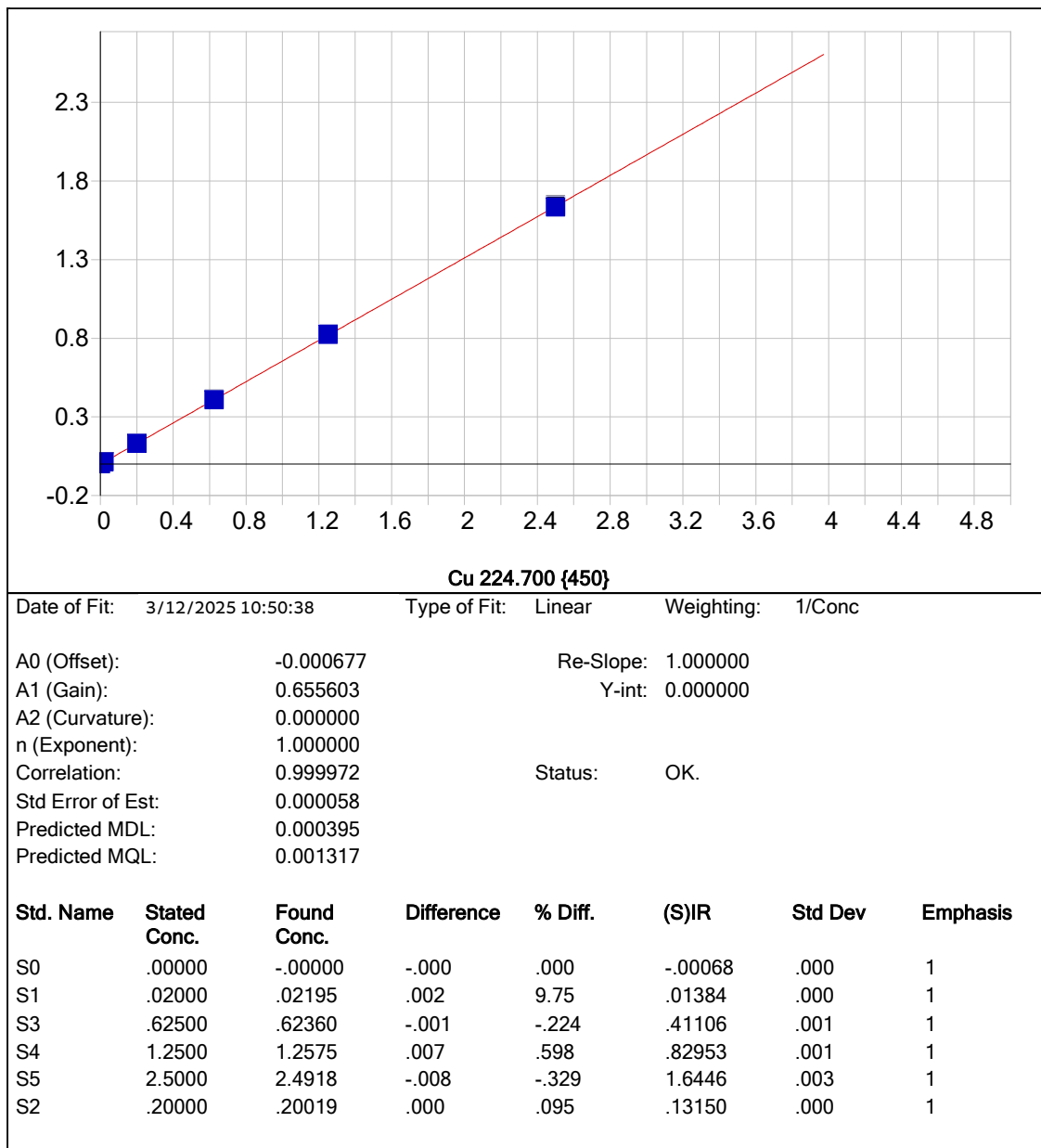


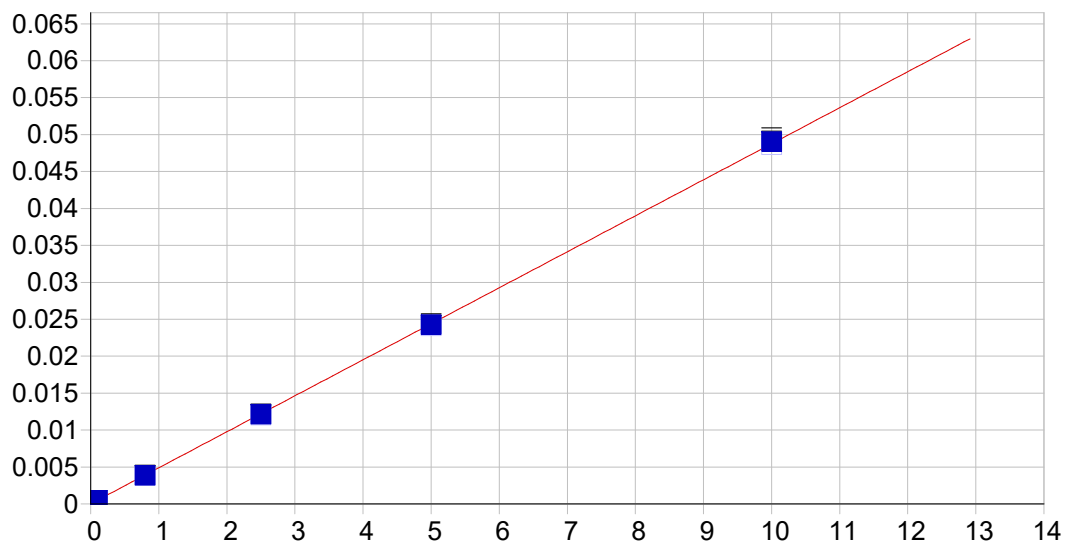
Co 228.616 {448}

Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000038 Re-Slope: 1.000000  
A1 (Gain): 0.894081 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999877 Status: OK.  
Std Error of Est: 0.000286  
Predicted MDL: 0.000228  
Predicted MQL: 0.000762

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00004 | .000    | 1        |
| S1        | .03000       | .02895      | -.001      | -3.50   | .02573  | .000    | 1        |
| S3        | 1.2500       | 1.2178      | -.032      | -2.58   | 1.0906  | .001    | 1        |
| S4        | 2.5000       | 2.4936      | -.006      | -.257   | 2.2332  | .004    | 1        |
| S5        | 5.0000       | 5.0569      | .057       | 1.14    | 4.5288  | .006    | 1        |
| S2        | .40000       | .38281      | -.017      | -4.30   | .34283  | .001    | 1        |



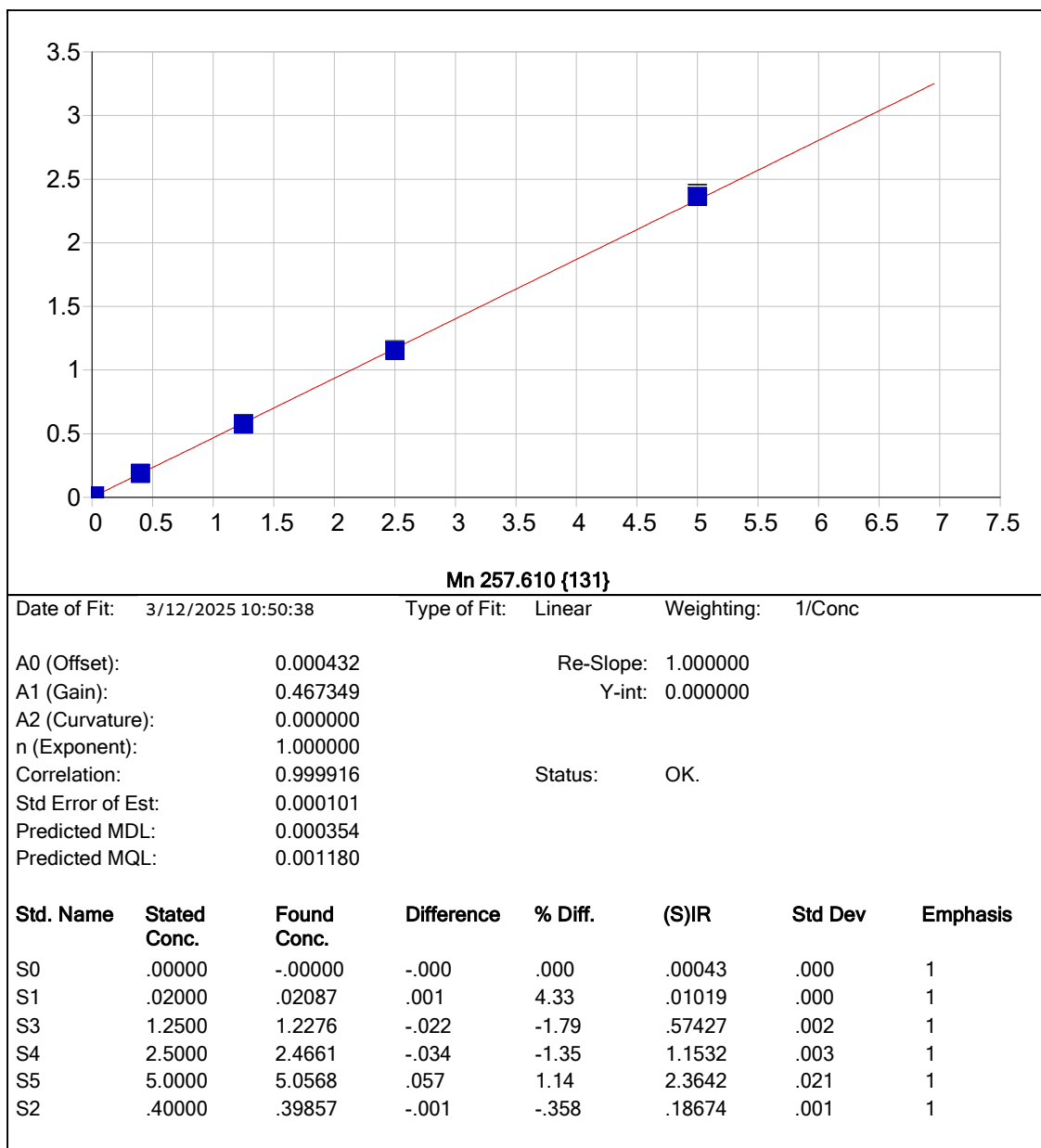


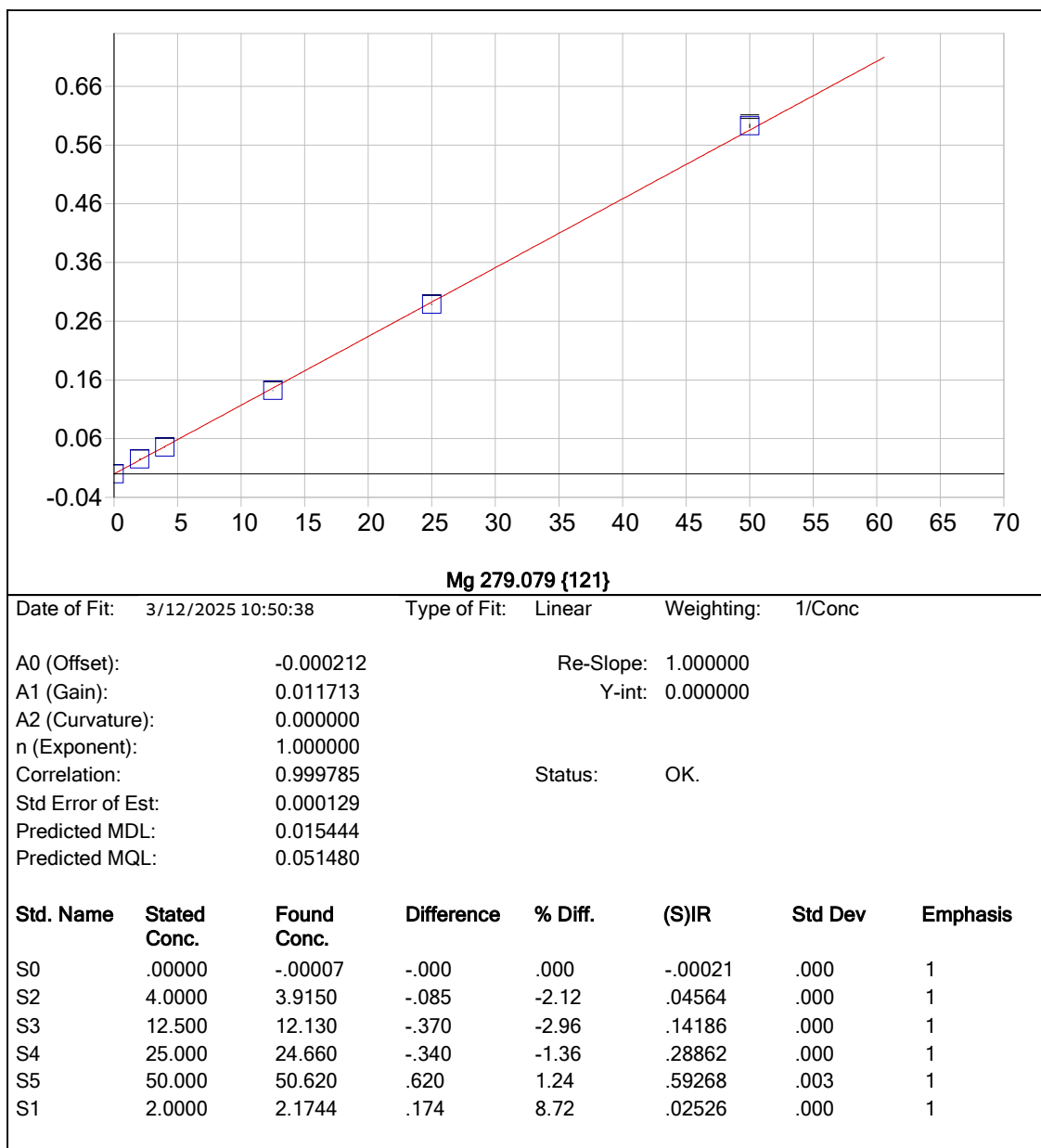
**Fe 240.488 {140}**

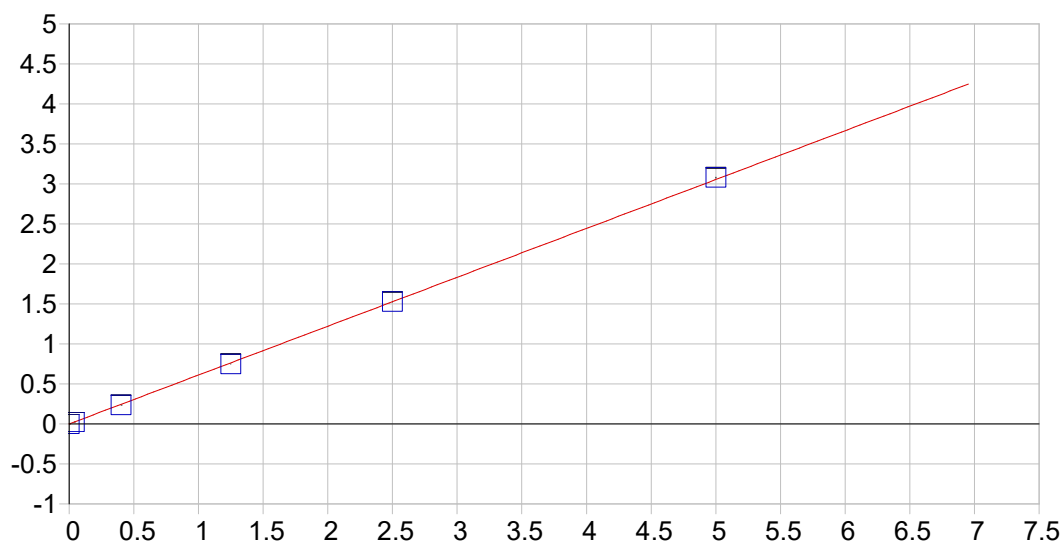
Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000018 Re-Slope: 1.000000  
A1 (Gain): 0.004874 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999976 Status: OK.  
Std Error of Est: 0.000002  
Predicted MDL: 0.004209  
Predicted MQL: 0.014028

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .10000       | .10099      | .001       | .986    | .00050 | .000    | 1        |
| S3        | 2.5000       | 2.4836      | -.016      | -.658   | .01202 | .000    | 1        |
| S4        | 5.0000       | 4.9773      | -.023      | -.454   | .02407 | .000    | 1        |
| S5        | 10.000       | 10.055      | .055       | .547    | .04861 | .001    | 1        |
| S2        | .80000       | .78348      | -.017      | -2.07   | .00380 | .000    | 1        |





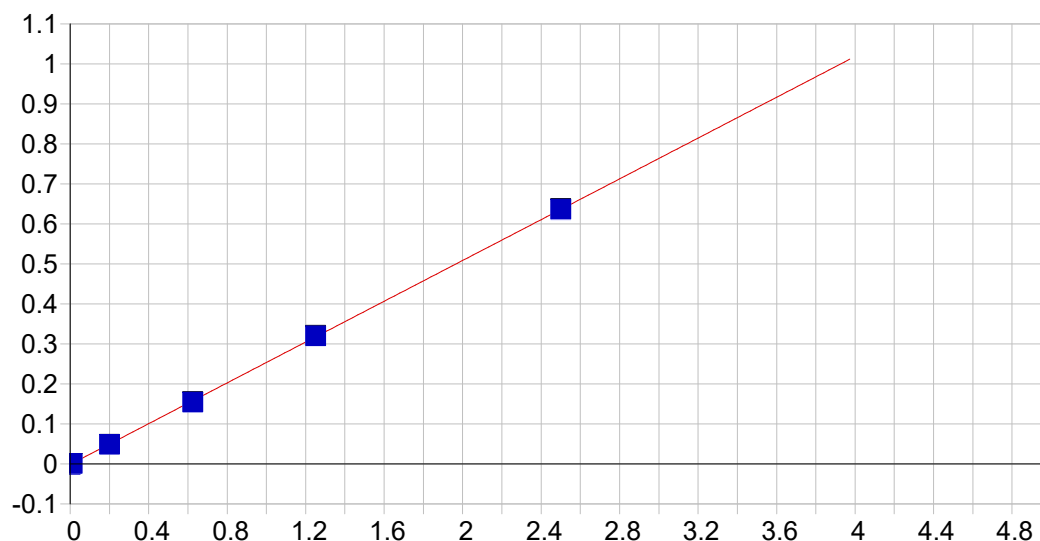


**Ni 231.604 {446}**

Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000132 Re-Slope: 1.000000  
A1 (Gain): 0.610929 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999935 Status: OK.  
Std Error of Est: 0.000164  
Predicted MDL: 0.000314  
Predicted MQL: 0.001046

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00013 | .000    | 1        |
| S1        | .04000       | .03906      | -.001      | -2.35   | .02373  | .000    | 1        |
| S3        | 1.2500       | 1.2271      | -.023      | -1.83   | .74953  | .001    | 1        |
| S4        | 2.5000       | 2.4987      | -.001      | -.051   | 1.5264  | .003    | 1        |
| S5        | 5.0000       | 5.0386      | .039       | .772    | 3.0781  | .005    | 1        |
| S2        | .40000       | .38649      | -.014      | -3.38   | .23599  | .000    | 1        |



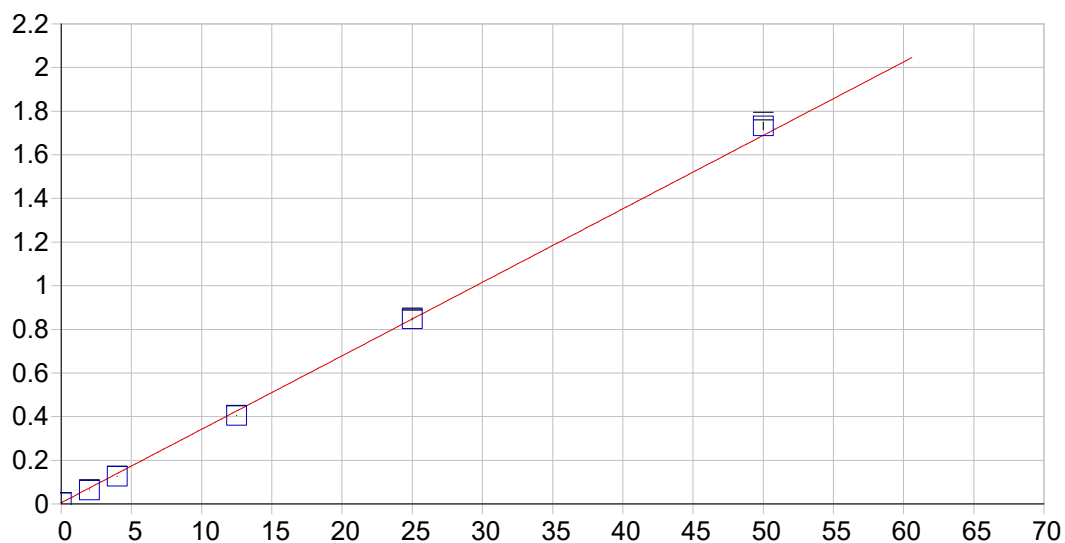
**Ag 328.068 {103}**

Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001462 Re-Slope: 1.000000  
A1 (Gain): 0.254995 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999952 Status: OK.  
Std Error of Est: 0.000021  
Predicted MDL: 0.000344  
Predicted MQL: 0.001145

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | -.00146 | .000    | 1        |
| S1        | .01000       | .01022      | .000       | 2.20    | .00113  | .000    | 1        |
| S3        | .62500       | .61214      | -.013      | -2.06   | .15400  | .000    | 1        |
| S4        | 1.2500       | 1.2619      | .012       | .953    | .31905  | .001    | 1        |
| S5        | 2.5000       | 2.5037      | .004       | .149    | .63445  | .002    | 1        |
| S2        | .20000       | .19698      | -.003      | -1.51   | .04857  | .000    | 1        |



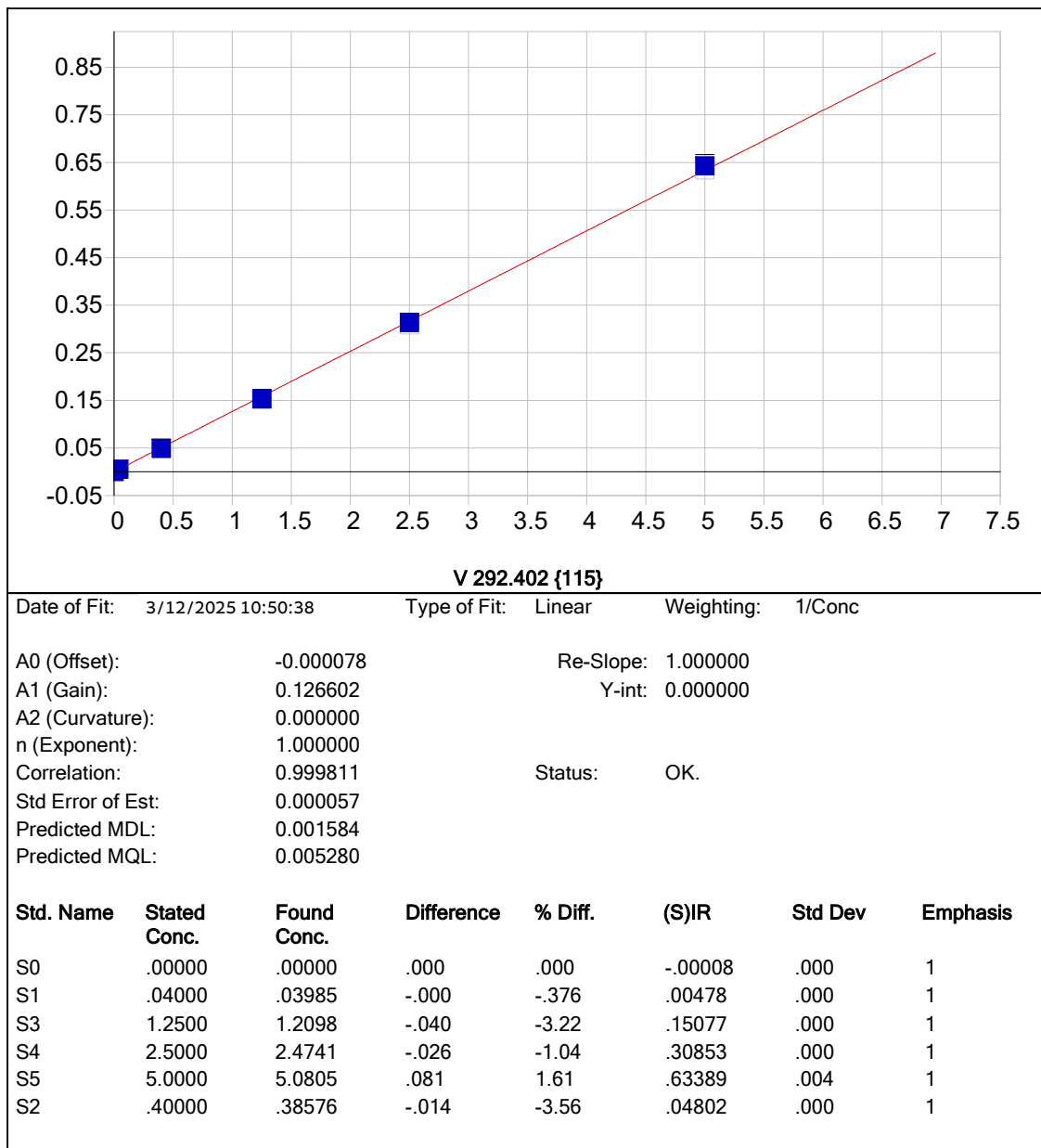


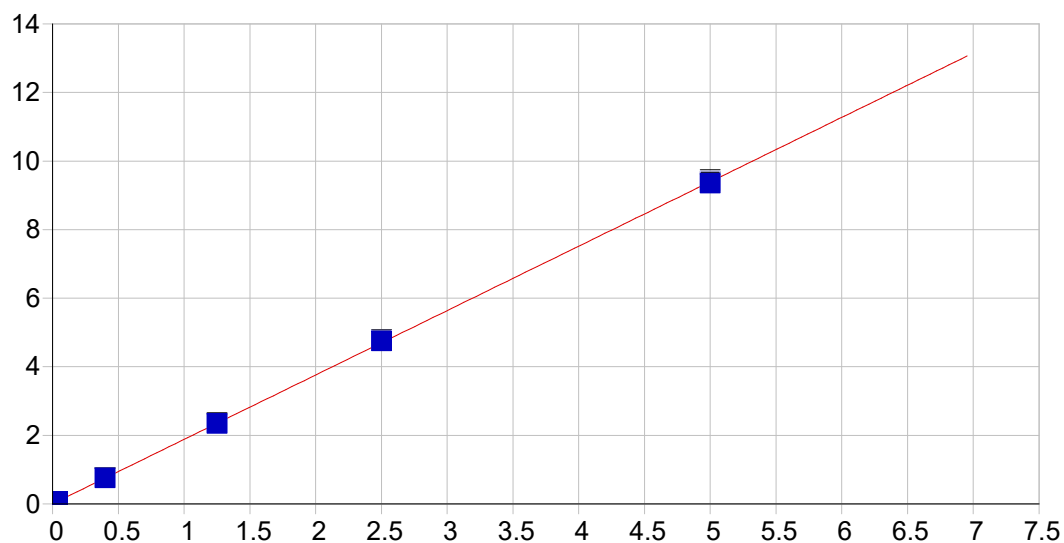
Na 589.592 { 57}

Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.005462 Re-Slope: 1.000000  
A1 (Gain): 0.033668 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999244 Status: OK.  
Std Error of Est: 0.000693  
Predicted MDL: 0.008410  
Predicted MQL: 0.028032

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00052      | .001       | .000    | .00548 | .000    | 1        |
| S2        | 4.0000       | 3.6033      | -.397      | -9.92   | .12678 | .001    | 1        |
| S3        | 12.500       | 11.865      | -.635      | -5.08   | .40495 | .001    | 1        |
| S4        | 25.000       | 25.025      | .025       | .102    | .84802 | .004    | 1        |
| S5        | 50.000       | 51.278      | 1.28       | 2.56    | 1.7319 | .017    | 1        |
| S1        | 2.0000       | 1.7278      | -.272      | -13.6   | .06363 | .000    | 1        |



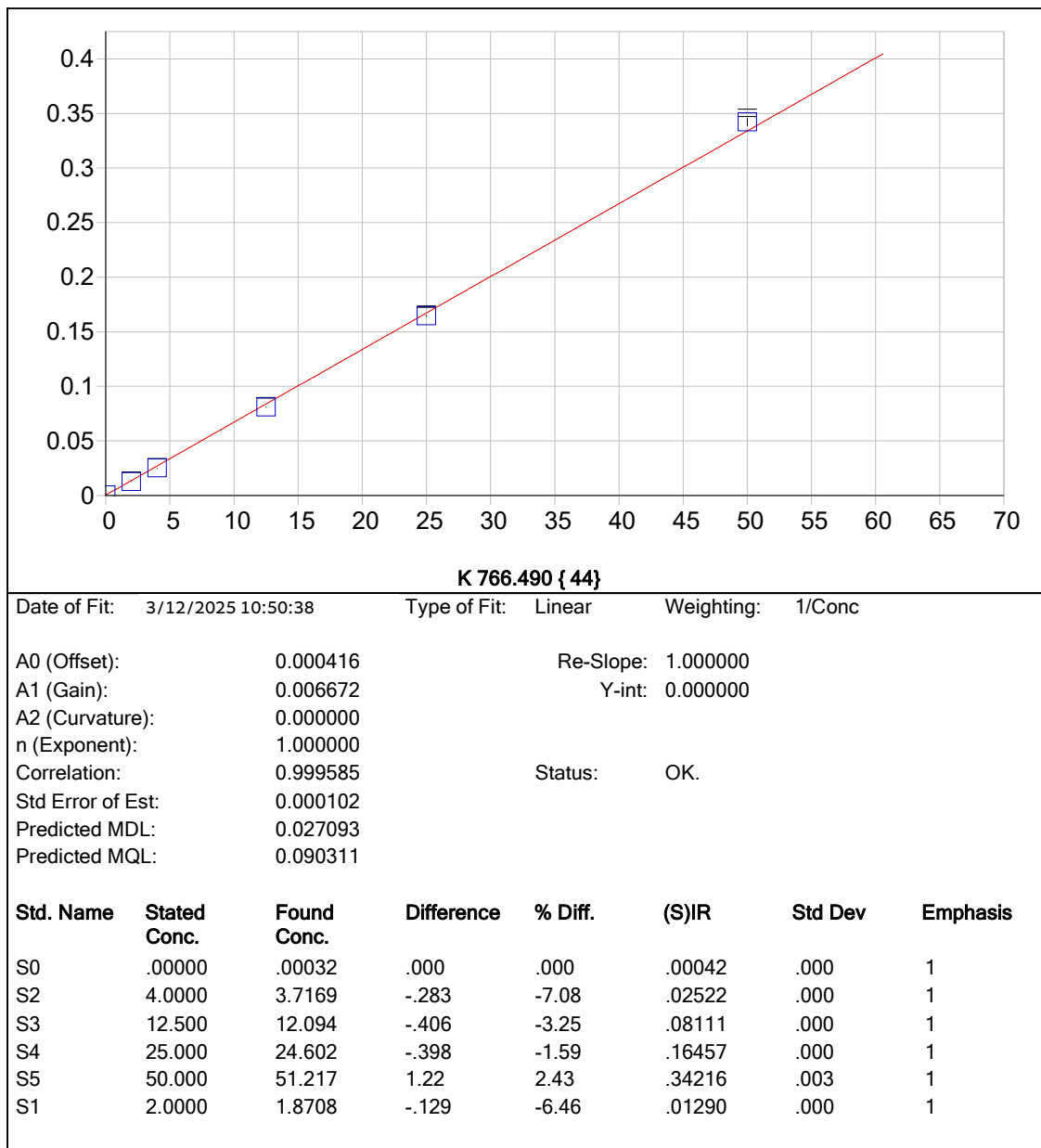


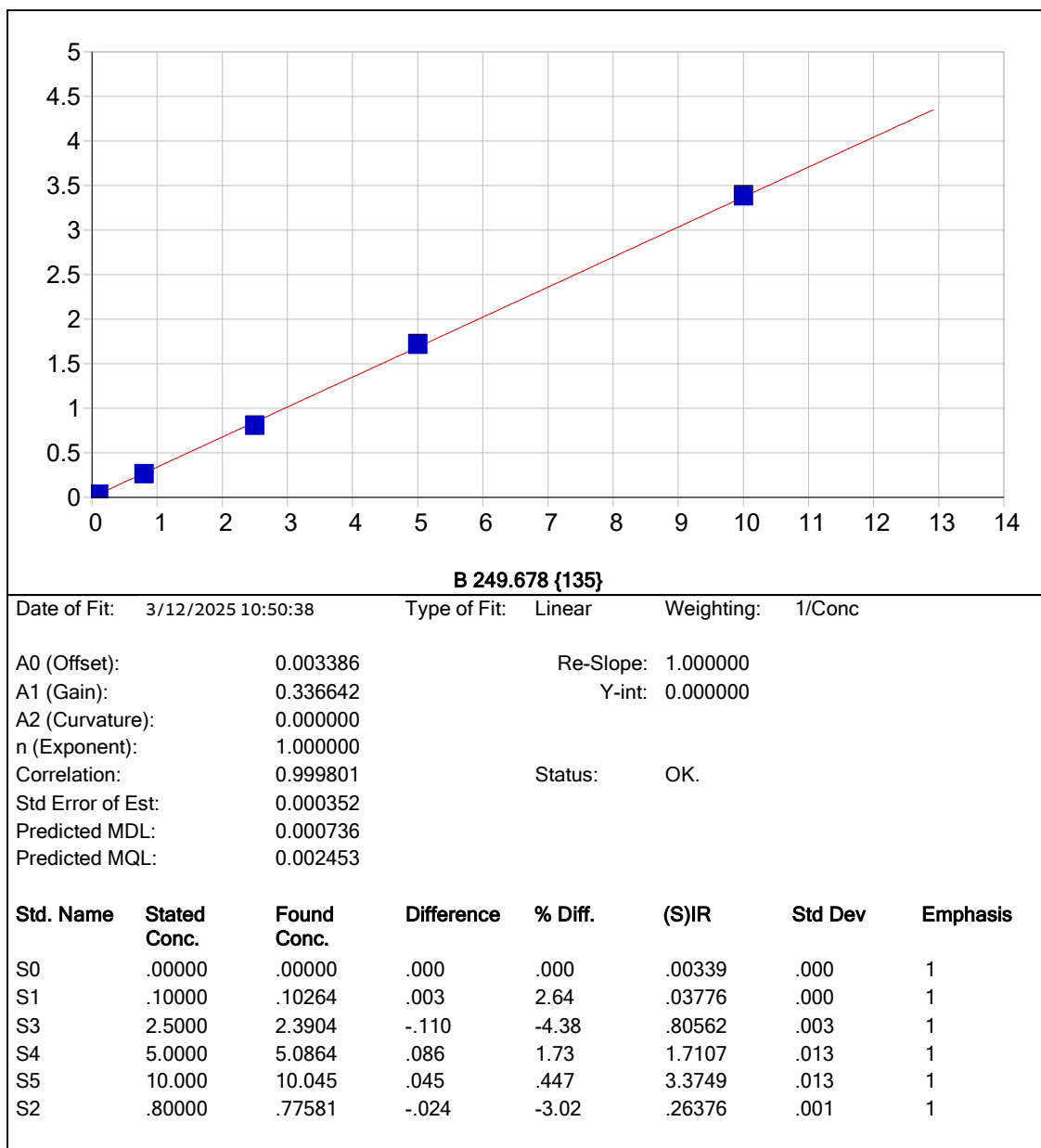
Zn 213.856 {158}

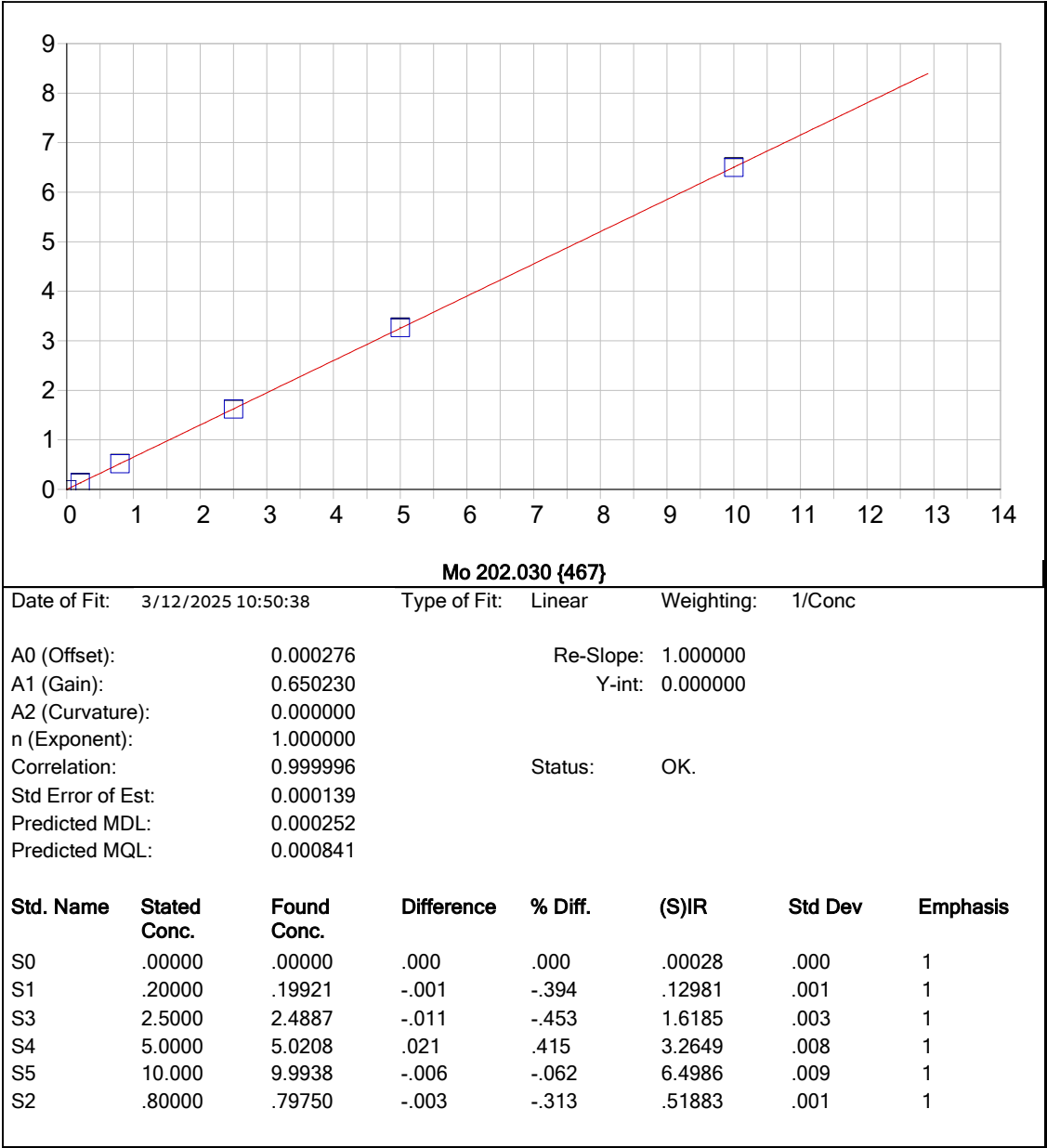
Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

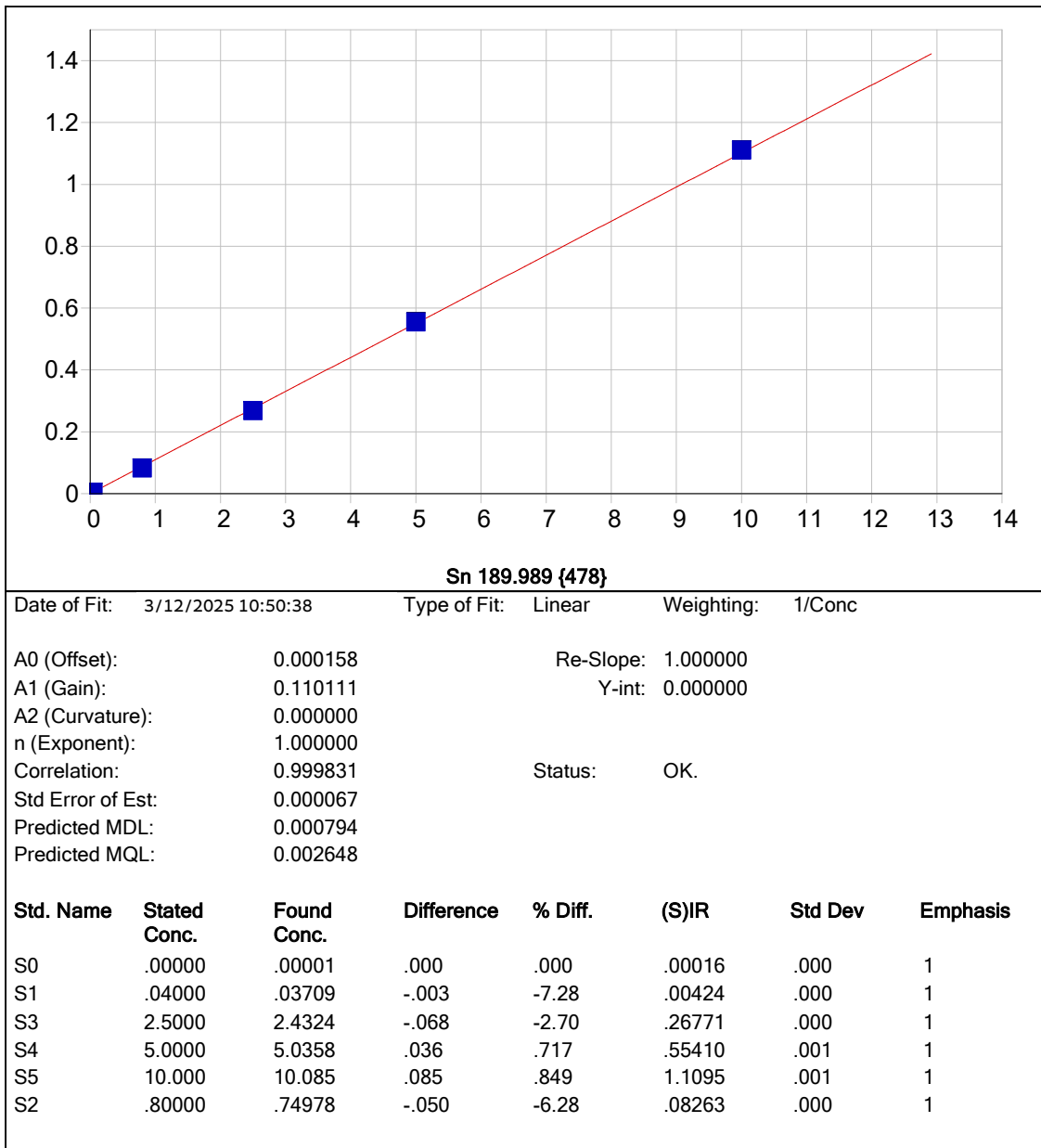
A0 (Offset): 0.003476 Re-Slope: 1.000000  
A1 (Gain): 1.878350 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999970 Status: OK.  
Std Error of Est: 0.000341  
Predicted MDL: 0.000366  
Predicted MQL: 0.001221

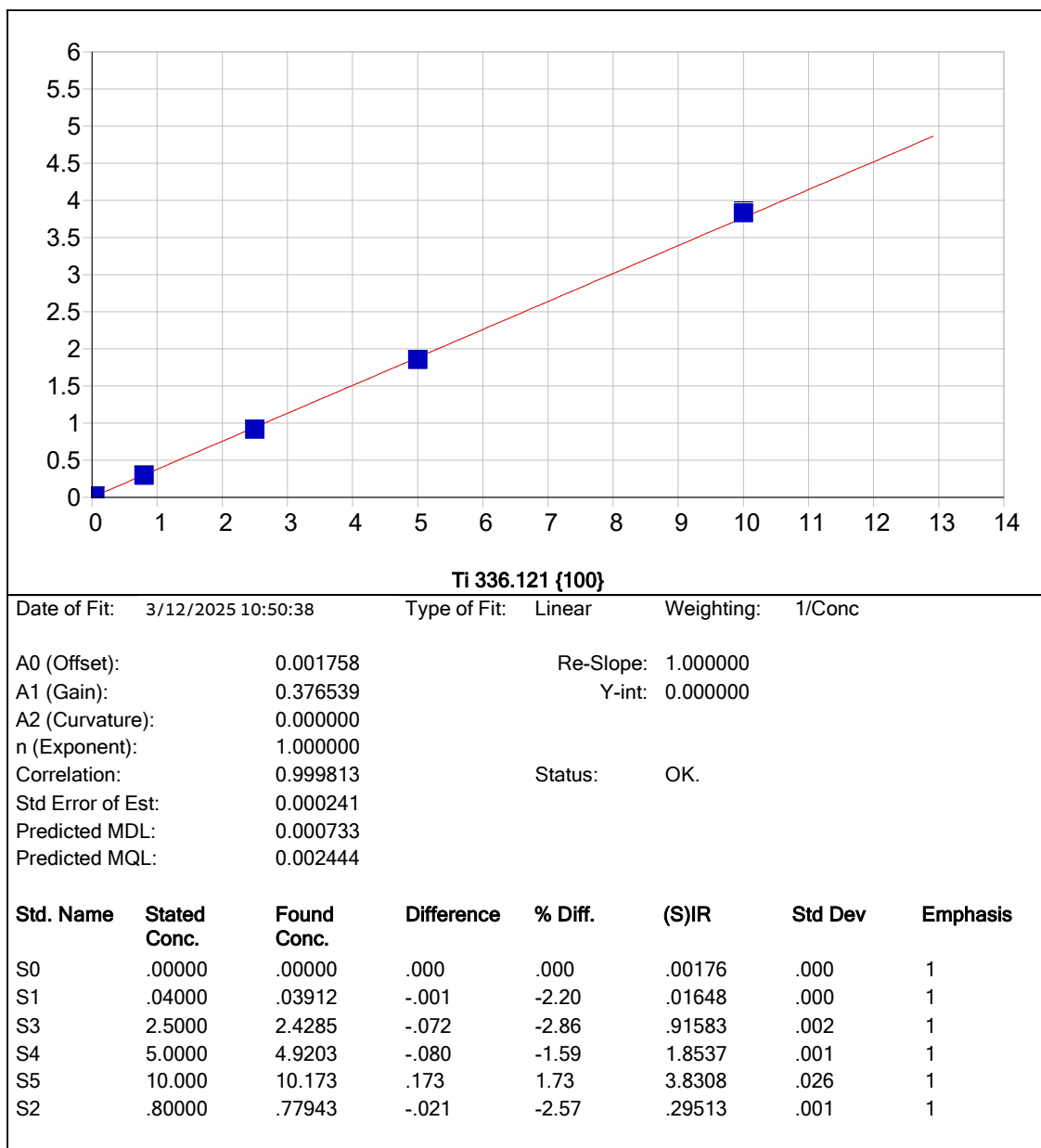
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00347 | .000    | 1        |
| S1        | .04000       | .04242      | .002       | 6.05    | .08368 | .000    | 1        |
| S3        | 1.2500       | 1.2434      | -.007      | -.524   | 2.3554 | .013    | 1        |
| S4        | 2.5000       | 2.5261      | .026       | 1.04    | 4.7810 | .018    | 1        |
| S5        | 5.0000       | 4.9779      | -.022      | -.441   | 9.4191 | .034    | 1        |
| S2        | .40000       | .40013      | .000       | .033    | .76029 | .003    | 1        |



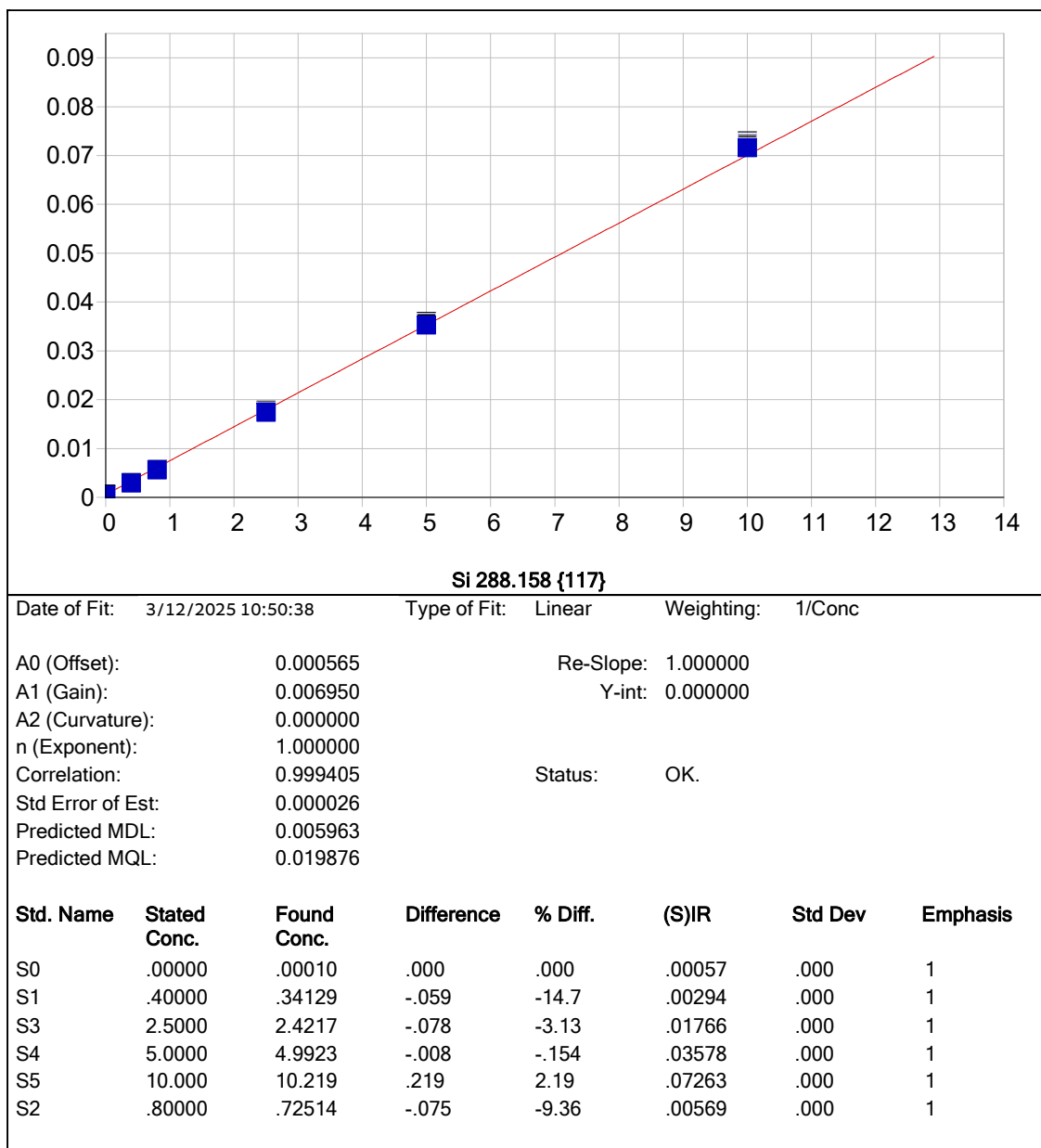


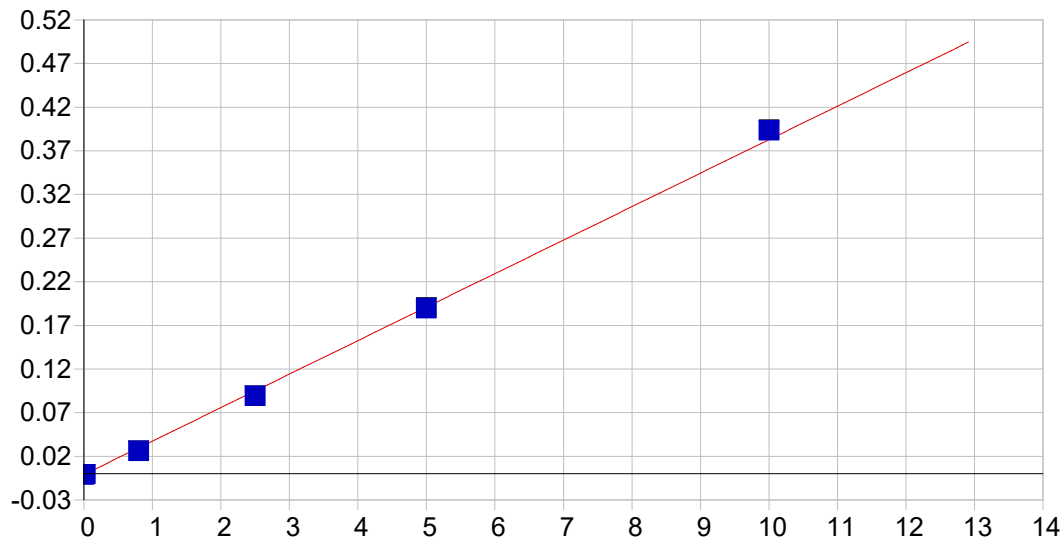










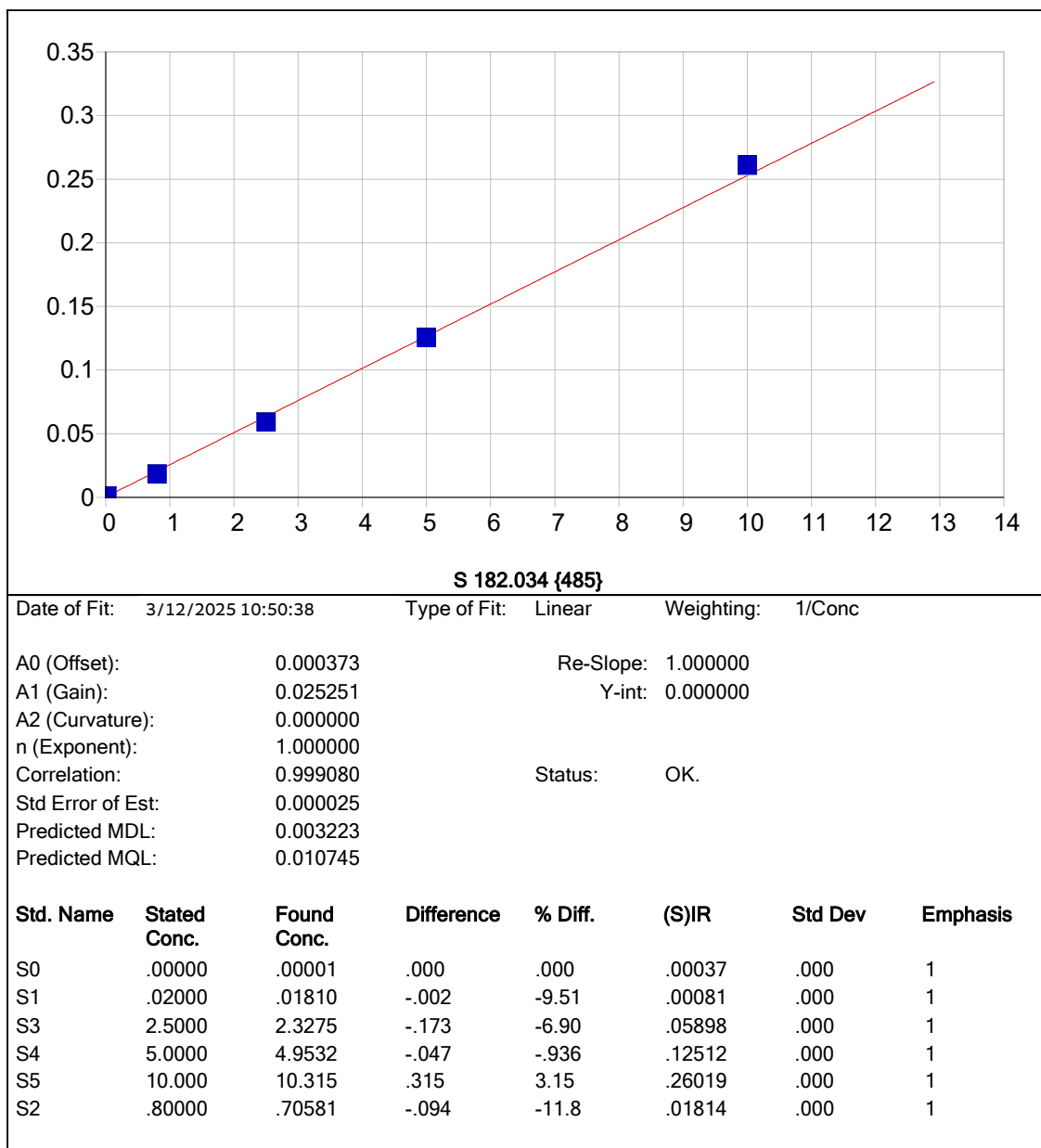


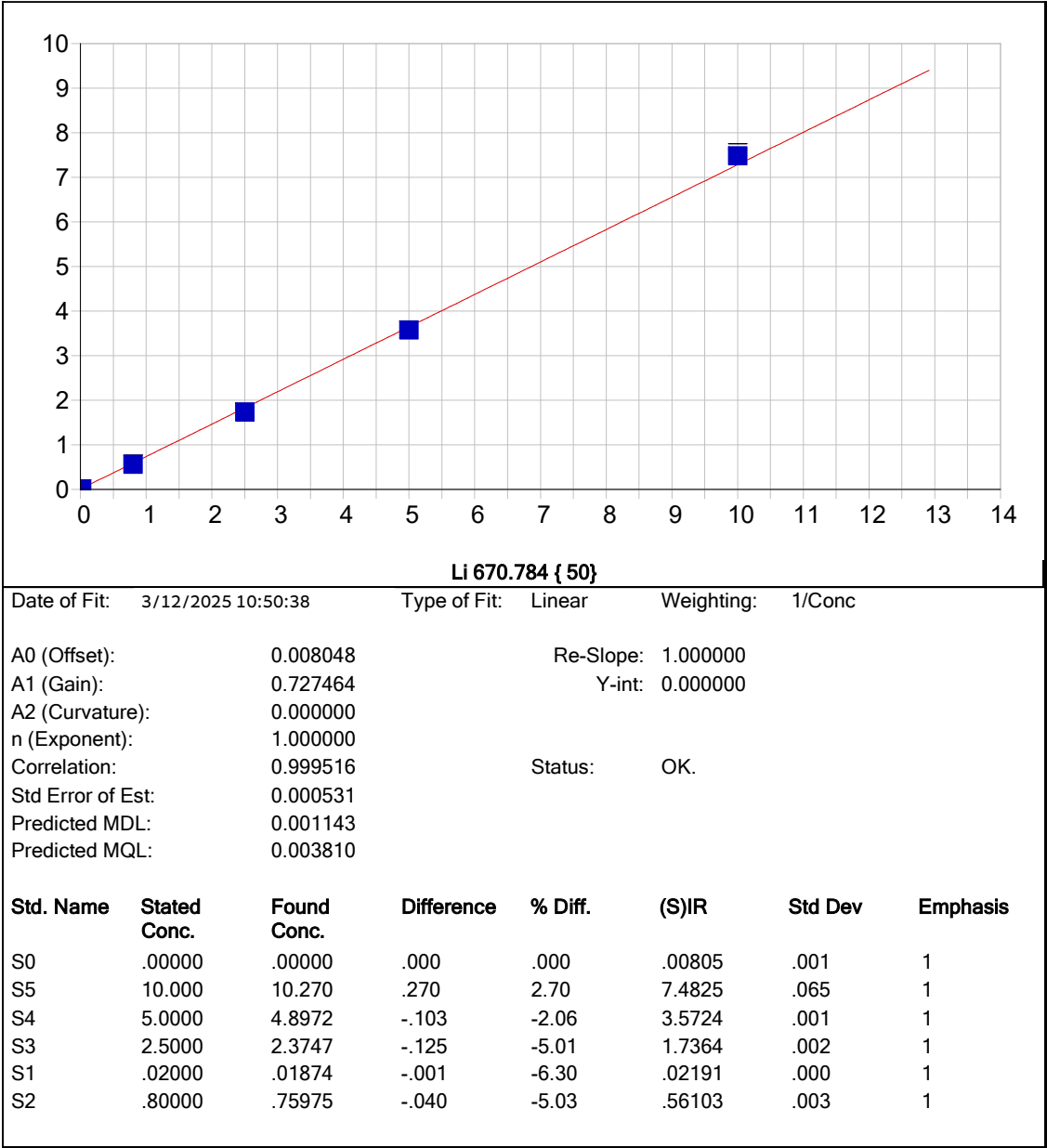
P 177.495 {490}

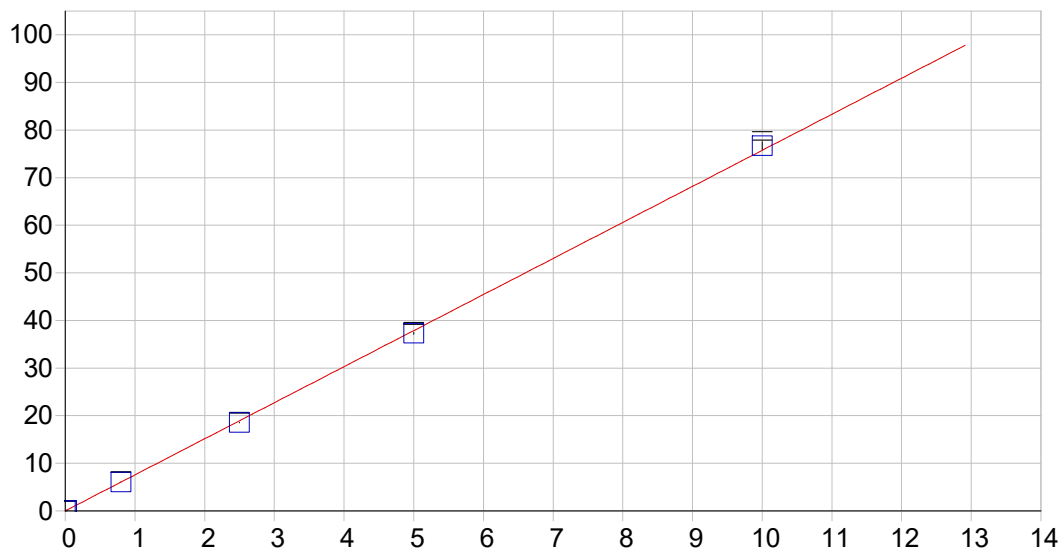
Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000975 Re-Slope: 1.000000  
A1 (Gain): 0.038374 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999223 Status: OK.  
Std Error of Est: 0.000035  
Predicted MDL: 0.002412  
Predicted MQL: 0.008040

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | .00001      | .000       | .000    | -.00097 | .000    | 1        |
| S1        | .02000       | .01704      | -.003      | -14.8   | -.00032 | .000    | 1        |
| S3        | 2.5000       | 2.3488      | -.151      | -6.05   | .08914  | .000    | 1        |
| S4        | 5.0000       | 4.9707      | -.029      | -.587   | .18974  | .000    | 1        |
| S5        | 10.000       | 10.278      | .278       | 2.78    | .39336  | .001    | 1        |
| S2        | .80000       | .70599      | -.094      | -11.8   | .02611  | .000    | 1        |





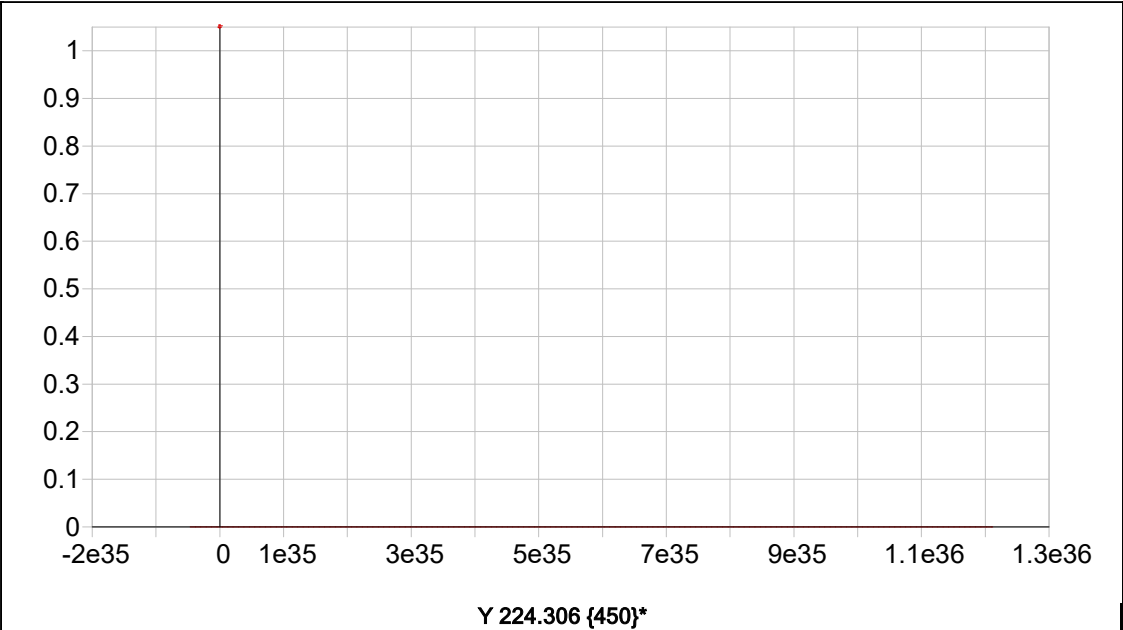


Sr 407.771 { 83}

Date of Fit: 3/12/2025 10:50:38 Type of Fit: Linear Weighting: 1/Conc

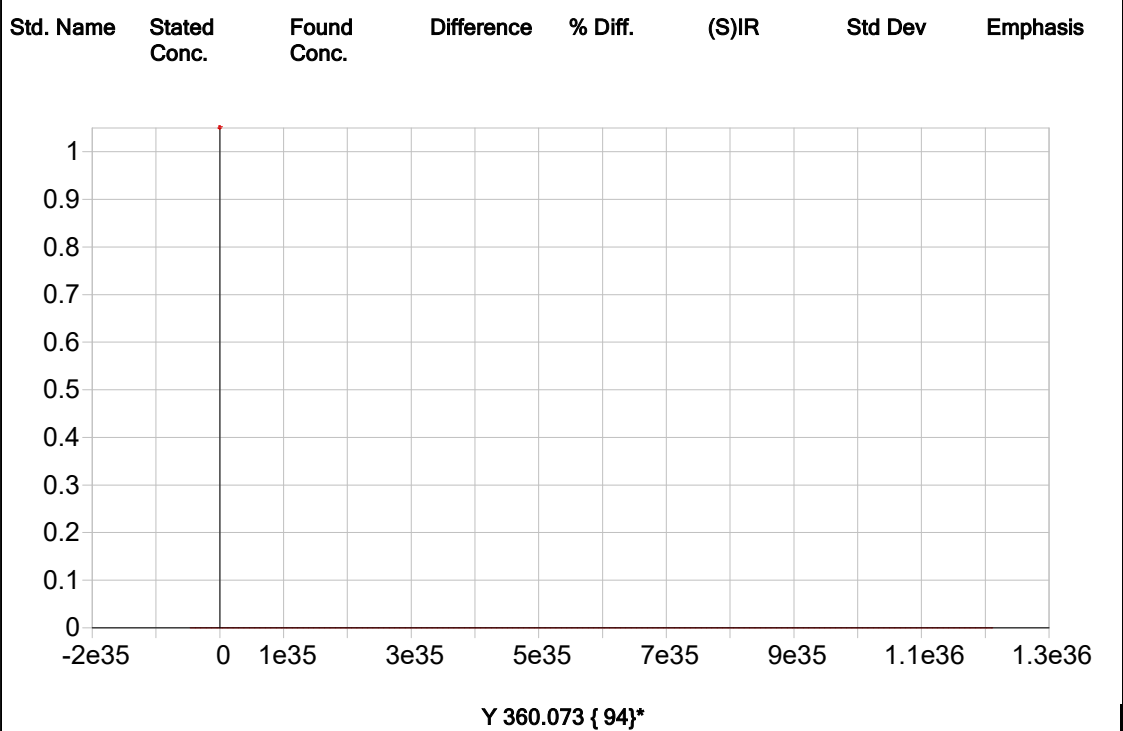
A0 (Offset): 0.000343 Re-Slope: 1.000000  
A1 (Gain): 7.574531 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999901 Status: OK.  
Std Error of Est: 0.002502  
Predicted MDL: 0.000073  
Predicted MQL: 0.000242

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00035 | .000    | 1        |
| S1        | .02000       | .02013      | .000       | .674    | .15286 | .001    | 1        |
| S3        | 2.5000       | 2.4495      | -.050      | -2.02   | 18.554 | .088    | 1        |
| S4        | 5.0000       | 4.9267      | -.073      | -1.47   | 37.318 | .206    | 1        |
| S5        | 10.000       | 10.124      | .124       | 1.24    | 76.687 | .892    | 1        |
| S2        | .80000       | .79940      | -.001      | -.076   | 6.0554 | .033    | 1        |



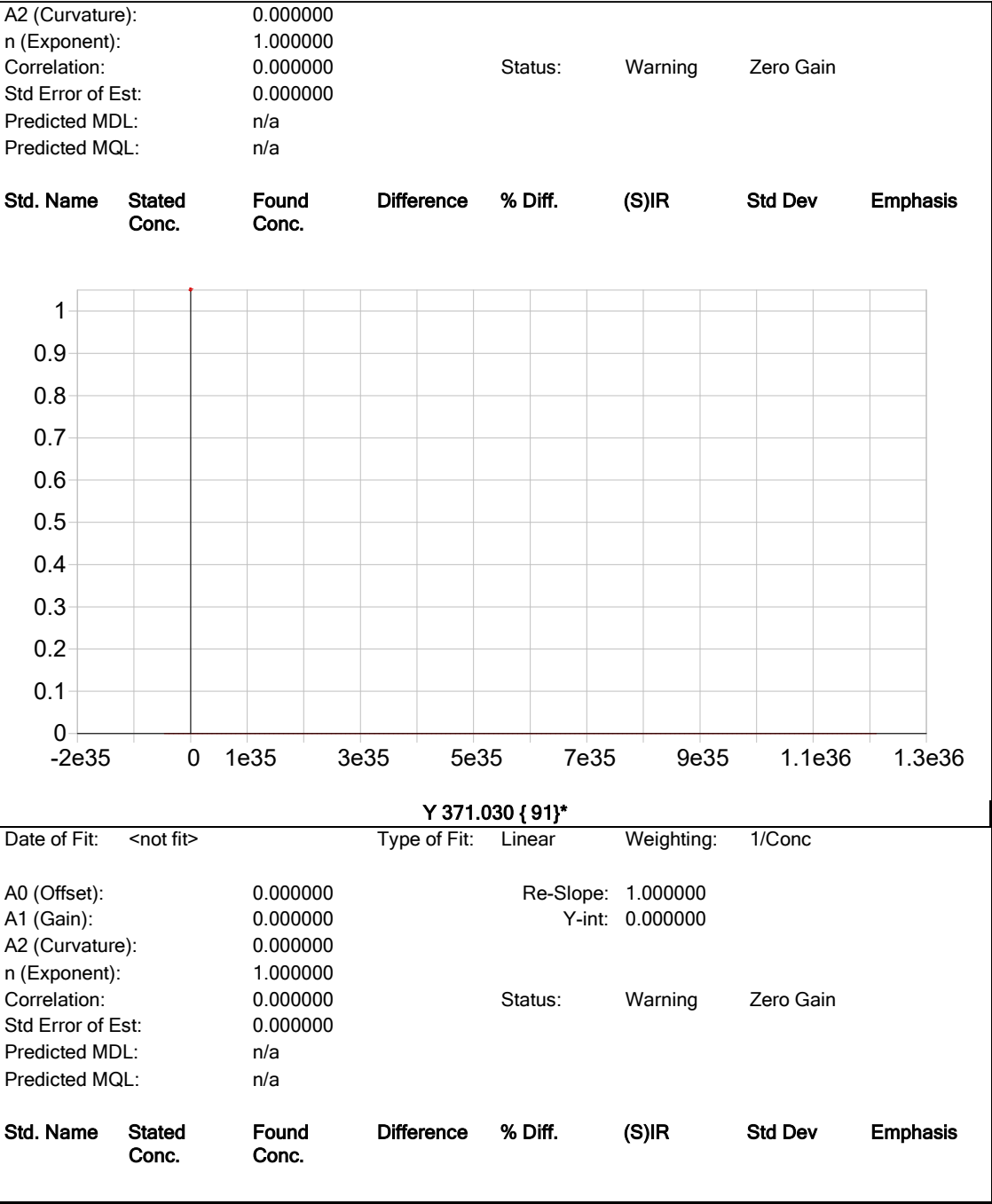
Date of Fit: 3/12/2025 10:50:38      Type of Fit: Linear      Weighting: 1/Conc

|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| 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 |



The plot shows a function that is zero for all values of the horizontal axis except at  $x=0$ , where it reaches a value of approximately 1.05. The horizontal axis is labeled  $\ln 230.606 \{446\}^*$  and ranges from  $-2e35$  to  $1.3e36$ . The vertical axis ranges from 0 to 1. A red dot marks the point  $(0, 1.05)$ .

| 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: 3/12/2025 10:27:06      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | -.00014 | -.00003 | -.00018 | .00072  | .00059  | -.00013 | .04067 | -.00016 |
| Stddev | .00007  | .00003  | .00021  | .00006  | .00003  | .00049  | .00189 | .00026  |
| %RSD   | 49.677  | 95.212  | 117.59  | 8.7942  | 5.9175  | 362.29  | 4.6588 | 156.87  |
| #1     | -.00011 | .00000  | .00002  | .00071  | .00059  | .00023  | .04236 | -.00046 |
| #2     | -.00022 | -.00005 | -.00016 | .00066  | .00062  | .00006  | .03862 | .00003  |
| #3     | -.00009 | -.00004 | -.00040 | .00079  | .00055  | -.00069 | .04102 | -.00007 |
| 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    | -.00013 | .00084  | .00007  | -.00004 | -.00068 | .00002  | .00043 | -.00021 |
| Stddev | .00013  | .00030  | .00004  | .00010  | .00014  | .00001  | .00019 | .00008  |
| %RSD   | 100.41  | 36.079  | 60.371  | 268.47  | 20.672  | 78.110  | 44.673 | 38.908  |
| #1     | -.00019 | .00064  | .00006  | .00003  | -.00070 | .00003  | .00050 | -.00013 |
| #2     | .00002  | .00070  | .00003  | .00001  | -.00053 | .00001  | .00022 | -.00030 |
| #3     | -.00021 | .00119  | .00011  | -.00015 | -.00081 | .00001  | .00058 | -.00021 |
| 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    | -.00013 | -.00146 | .00548  | -.00008 | .00347  | .00042  | .00339 | .00028  |
| Stddev | .00008  | .00008  | .00017  | .00017  | .00018  | .00009  | .00015 | .00012  |
| %RSD   | 59.269  | 5.4601  | 3.0682  | 218.47  | 5.2947  | 21.132  | 4.4848 | 42.364  |
| #1     | -.00013 | -.00138 | .00555  | .00007  | .00353  | .00048  | .00324 | .00036  |
| #2     | -.00005 | -.00154 | .00560  | -.00005 | .00362  | .00046  | .00337 | .00032  |
| #3     | -.00021 | -.00147 | .00529  | -.00026 | .00327  | .00032  | .00355 | .00014  |
| 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    | .00016  | .00176  | .00057  | -.00097 | .00037  | .00805  | .00035 |         |
| Stddev | .00007  | .00025  | .00003  | .00002  | .00002  | .00058  | .00014 |         |
| %RSD   | 42.946  | 14.181  | 4.9221  | 2.5455  | 4.7808  | 7.2454  | 41.444 |         |
| #1     | .00015  | .00156  | .00056  | -.00095 | .00037  | .00788  | .00046 |         |
| #2     | .00023  | .00167  | .00054  | -.00100 | .00039  | .00870  | .00039 |         |
| #3     | .00010  | .00204  | .00059  | -.00097 | .00036  | .00757  | .00019 |         |

Sample Name: S0      Acquired: 3/12/2025 10:27:06      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3656.9 | 82611. | 14330. | 2687.9 | 5126.3 |
| Stddev    | .7     | 290.   | 80.    | 3.8    | 7.5    |
| %RSD      | .01865 | .35094 | .55842 | .14152 | .14608 |
| #1        | 3656.3 | 82935. | 14259. | 2688.2 | 5118.1 |
| #2        | 3657.6 | 82377. | 14417. | 2691.6 | 5132.9 |
| #3        | 3656.8 | 82519. | 14316. | 2684.0 | 5127.8 |

Sample Name: S1      Acquired: 3/12/2025 10:31:31      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | .00081 | .00240 | .00217 | .00187  | .00657 | .01021 | .26182 | .02377 |
| Stddev | .00016 | .00007 | .00005 | .00006  | .00013 | .00014 | .00081 | .00007 |
| %RSD   | 19.599 | 2.7288 | 2.3232 | 3.4593  | 1.9078 | 1.3568 | .31096 | .28175 |
| #1     | .00075 | .00246 | .00220 | .00194  | .00672 | .01016 | .26218 | .02369 |
| #2     | .00069 | .00242 | .00220 | .00184  | .00650 | .01010 | .26240 | .02381 |
| #3     | .00099 | .00233 | .00211 | .00182  | .00650 | .01037 | .26089 | .02379 |
| 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    | .01392 | .11033 | .00130 | .02573  | .01384 | .00050 | .01019 | .02526 |
| Stddev | .00015 | .00037 | .00006 | .00017  | .00020 | .00002 | .00010 | .00021 |
| %RSD   | 1.0511 | .33982 | 4.3907 | .64854  | 1.4542 | 4.0412 | .94435 | .84879 |
| #1     | .01376 | .10989 | .00134 | .02590  | .01407 | .00050 | .01023 | .02506 |
| #2     | .01403 | .11054 | .00124 | .02557  | .01370 | .00049 | .01025 | .02522 |
| #3     | .01397 | .11055 | .00132 | .02572  | .01375 | .00053 | .01008 | .02548 |
| 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    | .02373 | .00113 | .06363 | .00478  | .08368 | .01290 | .03776 | .12981 |
| Stddev | .00028 | .00002 | .00037 | .00014  | .00045 | .00023 | .00042 | .00068 |
| %RSD   | 1.1625 | 1.4215 | .57655 | 2.9847  | .53437 | 1.8068 | 1.1118 | .52659 |
| #1     | .02405 | .00112 | .06406 | .00494  | .08324 | .01276 | .03747 | .13043 |
| #2     | .02355 | .00111 | .06342 | .00468  | .08413 | .01276 | .03824 | .12992 |
| #3     | .02359 | .00114 | .06343 | .00471  | .08368 | .01317 | .03756 | .12908 |
| 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    | .00424 | .01648 | .00294 | -.00032 | .00081 | .02191 | .15286 |        |
| Stddev | .00002 | .00002 | .00004 | .00008  | .00010 | .00025 | .00060 |        |
| %RSD   | .40168 | .11026 | 1.2371 | 25.152  | 12.194 | 1.1243 | .39395 |        |
| #1     | .00425 | .01648 | .00298 | -.00023 | .00091 | .02163 | .15240 |        |
| #2     | .00422 | .01646 | .00294 | -.00037 | .00071 | .02210 | .15263 |        |
| #3     | .00424 | .01649 | .00290 | -.00036 | .00081 | .02200 | .15354 |        |

Sample Name: S1      Acquired: 3/12/2025 10:31:31      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3613.4 | 79630. | 14258. | 2604.8 | 5038.1 |
| Stddev    | 8.7    | 246.   | 72.    | 11.2   | 16.7   |
| %RSD      | .24191 | .30949 | .50305 | .43031 | .33221 |
| #1        | 3603.8 | 79631. | 14328. | 2605.6 | 5021.7 |
| #2        | 3615.2 | 79877. | 14263. | 2615.6 | 5037.5 |
| #3        | 3621.0 | 79384. | 14185. | 2593.2 | 5055.1 |

Sample Name: S2      Acquired: 3/12/2025 10:35:52      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | .03671 | .05233 | .15535 | .04147 | .09645 | .15067 | 3.4909 | .15302 |
| Stddev | .00037 | .00020 | .00043 | .00037 | .00025 | .00141 | .0166  | .00015 |
| %RSD   | 1.0183 | .37977 | .27432 | .90289 | .25558 | .93408 | .47628 | .09504 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03628 | .05211 | .15508 | .04120 | .09617 | .14969 | 3.4761 | .15317 |
| #2 | .03693 | .05239 | .15585 | .04189 | .09659 | .15003 | 3.4877 | .15300 |
| #3 | .03693 | .05249 | .15514 | .04130 | .09660 | .15228 | 3.5089 | .15289 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .92424 | .21292 | .02132 | .34283 | .13150 | .00380 | .18674 | .04564 |
| Stddev | .00221 | .00057 | .00005 | .00061 | .00006 | .00004 | .00108 | .00043 |
| %RSD   | .23893 | .26693 | .22640 | .17747 | .04386 | 1.1383 | .57820 | .94740 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .92406 | .21234 | .02131 | .34290 | .13156 | .00377 | .18561 | .04520 |
| #2 | .92653 | .21295 | .02128 | .34340 | .13148 | .00379 | .18685 | .04606 |
| #3 | .92213 | .21347 | .02138 | .34219 | .13145 | .00385 | .18776 | .04567 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .23599 | .04857 | .12678 | .04802 | .76029 | .02522 | .26376 | .51883 |
| Stddev | .00048 | .00014 | .00057 | .00024 | .00283 | .00015 | .00111 | .00128 |
| %RSD   | .20533 | .29512 | .45246 | .50638 | .37214 | .57878 | .42183 | .24753 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .23621 | .04846 | .12655 | .04786 | .75760 | .02509 | .26255 | .51768 |
| #2 | .23632 | .04850 | .12635 | .04790 | .76002 | .02518 | .26474 | .52021 |
| #3 | .23543 | .04873 | .12743 | .04830 | .76324 | .02538 | .26399 | .51861 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .08263 | .29513 | .00569 | .02611 | .01814 | .56103 | 6.0554 |  |
| Stddev | .00012 | .00107 | .00003 | .00016 | .00011 | .00315 | .0326  |  |
| %RSD   | .13922 | .36096 | .58973 | .60426 | .58911 | .56095 | .53906 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .08252 | .29403 | .00569 | .02602 | .01812 | .55841 | 6.0306 |  |
| #2 | .08262 | .29522 | .00572 | .02629 | .01805 | .56016 | 6.0432 |  |
| #3 | .08275 | .29615 | .00566 | .02602 | .01826 | .56452 | 6.0924 |  |

Sample Name: S2      Acquired: 3/12/2025 10:35:52      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3522.4 | 79517. | 14549. | 2502.5 | 4884.0 |
| Stddev    | 13.8   | 122.   | 39.    | 6.3    | 12.7   |
| %RSD      | .39090 | .15384 | .26671 | .25037 | .26100 |
| #1        | 3537.9 | 79657. | 14590. | 2504.1 | 4898.5 |
| #2        | 3511.5 | 79433. | 14514. | 2507.9 | 4874.4 |
| #3        | 3517.9 | 79460. | 14543. | 2495.7 | 4879.2 |

Sample Name: S3      Acquired: 3/12/2025 10:39:57      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | .11780 | .16031 | .49669 | .13110 | .30766 | .47694 | 10.837 | .46900 |
| Stddev | .00029 | .00047 | .00129 | .00028 | .00056 | .00145 | .187   | .00227 |
| %RSD   | .24725 | .29536 | .25963 | .21343 | .18126 | .30354 | 1.7286 | .48465 |
| #1     | .11765 | .16083 | .49522 | .13078 | .30766 | .47527 | 11.053 | .47079 |
| #2     | .11814 | .15990 | .49722 | .13130 | .30822 | .47782 | 10.738 | .46978 |
| #3     | .11762 | .16019 | .49763 | .13122 | .30711 | .47773 | 10.719 | .46644 |
| 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    | 2.9677 | .66110 | .06806 | 1.0906 | .41106 | .01202 | .57427 | .14186 |
| Stddev | .0066  | .00198 | .00031 | .0014  | .00117 | .00003 | .00215 | .00028 |
| %RSD   | .22320 | .30007 | .45058 | .13317 | .28348 | .26579 | .37422 | .19859 |
| #1     | 2.9600 | .66053 | .06842 | 1.0890 | .41014 | .01200 | .57501 | .14185 |
| #2     | 2.9710 | .66331 | .06790 | 1.0918 | .41237 | .01206 | .57595 | .14215 |
| #3     | 2.9719 | .65947 | .06788 | 1.0911 | .41067 | .01200 | .57185 | .14159 |
| 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    | .74953 | .15400 | .40495 | .15077 | 2.3554 | .08111 | .80562 | 1.6185 |
| Stddev | .00109 | .00042 | .00080 | .00032 | .0129  | .00026 | .00319 | .0031  |
| %RSD   | .14487 | .26970 | .19691 | .21436 | .54797 | .32464 | .39630 | .19129 |
| #1     | .74856 | .15447 | .40570 | .15074 | 2.3679 | .08111 | .80780 | 1.6166 |
| #2     | .75070 | .15368 | .40503 | .15111 | 2.3421 | .08085 | .80709 | 1.6221 |
| #3     | .74934 | .15385 | .40411 | .15047 | 2.3563 | .08138 | .80195 | 1.6168 |
| 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    | .26771 | .91583 | .01766 | .08914 | .05898 | 1.7364 | 18.554 |        |
| Stddev | .00022 | .00173 | .00015 | .00014 | .00005 | .0021  | .088   |        |
| %RSD   | .08117 | .18880 | .83085 | .15510 | .08601 | .12088 | .47495 |        |
| #1     | .26746 | .91732 | .01755 | .08909 | .05892 | 1.7389 | 18.502 |        |
| #2     | .26782 | .91623 | .01759 | .08904 | .05899 | 1.7352 | 18.656 |        |
| #3     | .26785 | .91393 | .01782 | .08930 | .05902 | 1.7352 | 18.505 |        |



Sample Name: S3      Acquired: 3/12/2025 10:39:57      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3409.4 | 77550. | 14690. | 2378.8 | 4607.1 |
| Stddev    | 9.4    | 103.   | 54.    | 8.9    | 7.8    |
| %RSD      | .27531 | .13230 | .36597 | .37567 | .16985 |
| #1        | 3413.5 | 77432. | 14648. | 2375.1 | 4614.4 |
| #2        | 3398.6 | 77603. | 14671. | 2389.0 | 4598.8 |
| #3        | 3416.0 | 77615. | 14750. | 2372.3 | 4608.0 |

Sample Name: S4      Acquired: 3/12/2025 10:44:12      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | .24349 | .32724 | 1.0159 | .27195 | .63360 | .99444 | 21.659 | .98767 |
| Stddev | .00046 | .00787 | .0023  | .00071 | .00209 | .00271 | .119   | .00794 |
| %RSD   | .18806 | 2.4052 | .22430 | .25925 | .33000 | .27208 | .54729 | .80426 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .24311 | .31834 | 1.0161 | .27124 | .63300 | .99732 | 21.791 | .98207 |
| #2 | .24335 | .33012 | 1.0135 | .27197 | .63188 | .99405 | 21.622 | .99677 |
| #3 | .24400 | .33327 | 1.0180 | .27265 | .63593 | .99196 | 21.562 | .98419 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 6.1298 | 1.3318 | .13947 | 2.2332 | .82953 | .02407 | 1.1532 | .28862 |
| Stddev | .0125  | .0019  | .00040 | .0040  | .00067 | .00012 | .0035  | .00041 |
| %RSD   | .20462 | .14592 | .28944 | .17830 | .08135 | .48939 | .30102 | .14337 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 6.1325 | 1.3319 | .13909 | 2.2357 | .83009 | .02395 | 1.1493 | .28831 |
| #2 | 6.1161 | 1.3337 | .13990 | 2.2286 | .82878 | .02407 | 1.1545 | .28909 |
| #3 | 6.1407 | 1.3298 | .13942 | 2.2352 | .82972 | .02419 | 1.1559 | .28847 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.5264 | .31905 | .84802 | .30853 | 4.7810 | .16457 | 1.7107 | 3.2649 |
| Stddev | .0026  | .00139 | .00448 | .00049 | .0177  | .00049 | .0126  | .0082  |
| %RSD   | .17123 | .43649 | .52873 | .16018 | .36990 | .29575 | .73661 | .25167 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.5280 | .31753 | .85009 | .30910 | 4.7660 | .16465 | 1.7003 | 3.2604 |
| #2 | 1.5234 | .32025 | .84288 | .30828 | 4.8005 | .16404 | 1.7247 | 3.2600 |
| #3 | 1.5279 | .31939 | .85110 | .30821 | 4.7765 | .16501 | 1.7071 | 3.2744 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .55410 | 1.8537 | .03578 | .18974 | .12512 | 3.5724 | 37.318 |  |
| Stddev | .00101 | .0007  | .00021 | .00044 | .00031 | .0013  | .206   |  |
| %RSD   | .18242 | .03944 | .58489 | .22978 | .25062 | .03714 | .55198 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .55323 | 1.8530 | .03570 | .18935 | .12479 | 3.5715 | 37.095 |  |
| #2 | .55384 | 1.8544 | .03563 | .18966 | .12514 | 3.5718 | 37.502 |  |
| #3 | .55521 | 1.8539 | .03602 | .19021 | .12542 | 3.5739 | 37.356 |  |

Sample Name: S4      Acquired: 3/12/2025 10:44:12      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3317.9 | 74069. | 13931. | 2270.0 | 4383.3 |
| Stddev    | 7.0    | 93.    | 58.    | 1.9    | 9.3    |
| %RSD      | .21242 | .12545 | .41398 | .08428 | .21330 |
| #1        | 3316.7 | 74159. | 13974. | 2272.2 | 4381.1 |
| #2        | 3325.5 | 73973. | 13865. | 2268.7 | 4393.6 |
| #3        | 3311.5 | 74076. | 13952. | 2269.0 | 4375.3 |

Sample Name: S5      Acquired: 3/12/2025 10:48:23      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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    | .49101 | .64773 | 2.0366 | .54315 | 1.2769 | 2.0406 | 44.820 | 1.9467 |
| Stddev | .00126 | .00251 | .0004  | .00070 | .0020  | .0097  | .213   | .0071  |
| %RSD   | .25656 | .38741 | .01837 | .12851 | .15943 | .47720 | .47589 | .36406 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .48972 | .64901 | 2.0367 | .54253 | 1.2746 | 2.0412 | 44.954 | 1.9399 |
| #2 | .49109 | .64484 | 2.0369 | .54301 | 1.2784 | 2.0500 | 44.932 | 1.9540 |
| #3 | .49224 | .64935 | 2.0362 | .54391 | 1.2778 | 2.0305 | 44.574 | 1.9462 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 12.358 | 2.7258 | .27350 | 4.5288 | 1.6446 | .04861 | 2.3642 | .59268 |
| Stddev | .011   | .0150  | .00097 | .0056  | .0030  | .00052 | .0212  | .00286 |
| %RSD   | .09108 | .55155 | .35637 | .12442 | .18466 | 1.0673 | .89813 | .48295 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 12.352 | 2.7252 | .27450 | 4.5242 | 1.6418 | .04907 | 2.3749 | .59159 |
| #2 | 12.371 | 2.7412 | .27344 | 4.5351 | 1.6478 | .04872 | 2.3779 | .59592 |
| #3 | 12.350 | 2.7111 | .27256 | 4.5272 | 1.6441 | .04805 | 2.3397 | .59052 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.0781 | .63445 | 1.7319 | .63389 | 9.4191 | .34216 | 3.3749 | 6.4986 |
| Stddev | .0047  | .00164 | .0173  | .00385 | .0336  | .00334 | .0132  | .0086  |
| %RSD   | .15314 | .25804 | .99998 | .60728 | .35615 | .97587 | .39100 | .13157 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.0758 | .63551 | 1.7463 | .63415 | 9.4578 | .34525 | 3.3597 | 6.4899 |
| #2 | 3.0835 | .63526 | 1.7367 | .63761 | 9.3996 | .34261 | 3.3822 | 6.5070 |
| #3 | 3.0750 | .63256 | 1.7127 | .62992 | 9.3998 | .33862 | 3.3829 | 6.4988 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 1.1095 | 3.8308 | .07263 | .39336 | .26019 | 7.4825 | 76.687 |  |
| Stddev | .0009  | .0257  | .00035 | .00054 | .00049 | .0647  | .892   |  |
| %RSD   | .08439 | .66976 | .48039 | .13801 | .19014 | .86418 | 1.1626 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.1092 | 3.8458 | .07269 | .39273 | .25968 | 7.5213 | 76.619 |  |
| #2 | 1.1087 | 3.8454 | .07294 | .39362 | .26021 | 7.5184 | 77.610 |  |
| #3 | 1.1105 | 3.8012 | .07225 | .39372 | .26067 | 7.4079 | 75.831 |  |

Sample Name: S5      Acquired: 3/12/2025 10:48:23      Type: Cal  
Method: NON EPA-6010-200.7(v2798)      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       | 3227.1 | 73657. | 13727. | 2219.6 | 4167.6 |
| Stddev    | 5.8    | 382.   | 74.    | 12.1   | 3.6    |
| %RSD      | .17920 | .51895 | .54237 | .54549 | .08683 |
| #1        | 3232.2 | 73484. | 13772. | 2212.4 | 4170.6 |
| #2        | 3220.8 | 73393. | 13641. | 2212.9 | 4163.5 |
| #3        | 3228.3 | 74095. | 13768. | 2233.6 | 4168.5 |

Sample Name: ICV01      Acquired: 3/12/2025 10:52:41      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.050717 | 1.086847 | 1.021092 | 1.047570 | 1.017833 | 2.549211 | .5372257 |
| Stddev | .008258  | .004072  | .005068  | .004883  | .006094  | .004529  | .0013904 |
| %RSD   | .7859653 | .3747036 | .4963462 | .4660909 | .5986771 | .1776738 | .2588046 |
| #1     | 1.053653 | 1.085276 | 1.018407 | 1.050492 | 1.016842 | 2.547288 | .5379388 |
| #2     | 1.041392 | 1.083795 | 1.017931 | 1.041934 | 1.012296 | 2.545961 | .5356234 |
| #3     | 1.057106 | 1.091471 | 1.026938 | 1.050286 | 1.024361 | 2.554385 | .5381147 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5368993 | .5058636 | 10.00277 | .5412939 | .5139749 | .5321012 | 10.37472 |
| Stddev | .0041049 | .0020765 | .02507   | .0026080 | .0019146 | .0031397 | .09194   |
| %RSD   | .7645546 | .4104820 | .2505990 | .4818103 | .3725058 | .5900621 | .8862068 |
| #1     | .5359653 | .5055386 | 10.00683 | .5393438 | .5138621 | .5321577 | 10.36912 |
| #2     | .5333419 | .5039687 | 9.97592  | .5442563 | .5121192 | .5289335 | 10.46933 |
| #3     | .5413908 | .5080834 | 10.02556 | .5402817 | .5159434 | .5352122 | 10.28570 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5081810 | 5.903405 | .5169687 | .2623008 | 10.29813 | .5185340 | 1.050992 |
| Stddev | .0020023 | .048197  | .0021024 | .0010087 | .07517   | .0014833 | .005547  |
| %RSD   | .3940197 | .8164221 | .4066840 | .3845486 | .7299064 | .2860513 | .5277434 |
| #1     | .5078952 | 5.866629 | .5170116 | .2620277 | 10.27271 | .5184813 | 1.052454 |
| #2     | .5063369 | 5.885619 | .5148451 | .2634179 | 10.38271 | .5170778 | 1.055662 |
| #3     | .5103109 | 5.957967 | .5190494 | .2614568 | 10.23897 | .5200430 | 1.044861 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.19338 | 2.517320 | 2.484198 | 2.515332 | 2.543406 | 2.427134 | 2.376847 |
| Stddev | .08701   | .017874  | .011528  | .014275  | .007721  | .014829  | .009267  |
| %RSD   | .8535826 | .7100225 | .4640430 | .5675178 | .3035523 | .6109850 | .3898709 |
| #1     | 10.20488 | 2.521211 | 2.483343 | 2.513196 | 2.543470 | 2.417276 | 2.376805 |
| #2     | 10.27407 | 2.497822 | 2.473122 | 2.502245 | 2.535654 | 2.444188 | 2.367601 |
| #3     | 10.10119 | 2.532928 | 2.496130 | 2.530554 | 2.551095 | 2.419938 | 2.386134 |

Sample Name: ICV01      Acquired: 3/12/2025 10:52:41      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.397953 | 2.572529 | 2.683548 |
| Stddev | .014968  | .009061  | .044283  |
| %RSD   | .6241880 | .3522158 | 1.650163 |
| #1     | 2.396155 | 2.575492 | 2.646621 |
| #2     | 2.383965 | 2.562357 | 2.671379 |
| #3     | 2.413738 | 2.579737 | 2.732643 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3423.347 | 75754.29 | 15040.05 | 2301.813 | 4699.829 |
| Stddev    | 16.614   | 354.24   | 119.31   | 10.842   | 20.118   |
| %RSD      | .4853111 | .4676139 | .7932626 | .4710094 | .4280555 |
| #1        | 3426.537 | 75951.16 | 15053.73 | 2305.420 | 4703.833 |
| #2        | 3438.136 | 75345.35 | 15151.93 | 2289.628 | 4717.644 |
| #3        | 3405.370 | 75966.37 | 14914.50 | 2310.392 | 4678.011 |

Sample Name: LLICV01      Acquired: 3/12/2025 10:56:50      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0221884 | .0416108 | .0116638 | .0174763 | .0506743 | .1097194 |
| Stddev | .0014384 | .0013138 | .0010988 | .0020094 | .0021405 | .0004329 |
| %RSD   | 6.482676 | 3.157287 | 9.420543 | 11.49796 | 4.224030 | .3945721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0209858 | .0418437 | .0119371 | .0172435 | .0494458 | .1092202 |
| #2 | .0237818 | .0427925 | .0126001 | .0155935 | .0531459 | .1099468 |
| #3 | .0217976 | .0401961 | .0104541 | .0195920 | .0494312 | .1099913 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0891569 | .0057984 | .0058286 | 1.960534 | .0106088 | .0292835 |
| Stddev | .0005123 | .0000602 | .0000508 | .001127  | .0001667 | .0002034 |
| %RSD   | .5745622 | 1.038561 | .8716006 | .0574683 | 1.571528 | .6944095 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0895090 | .0058644 | .0058846 | 1.959549 | .0107055 | .0293790 |
| #2 | .0893925 | .0057465 | .0058155 | 1.961763 | .0107046 | .0294216 |
| #3 | .0885692 | .0057843 | .0057856 | 1.960292 | .0104163 | .0290500 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0228666 | .1136299 | .0195068 | 2.063991 | .0386873 | .0109869 |
| Stddev | .0005707 | .0014030 | .0001309 | .006839  | .0001085 | .0003985 |
| %RSD   | 2.495623 | 1.234669 | .6708753 | .3313643 | .2803408 | 3.627257 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0223921 | .1120386 | .0196055 | 2.063851 | .0388123 | .0107126 |
| #2 | .0234998 | .1141628 | .0193584 | 2.070899 | .0386313 | .0108040 |
| #3 | .0227080 | .1146884 | .0195566 | 2.057223 | .0386183 | .0114440 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.048697 | .0400044 | .0425837 | 1.929463 | .1112076 | .2105049 |
| Stddev | .011173  | .0006172 | .0007254 | .032178  | .0011091 | .0010273 |
| %RSD   | .5453756 | 1.542735 | 1.703554 | 1.667694 | .9973586 | .4880096 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.049056 | .0394662 | .0417470 | 1.900991 | .1124453 | .2093579 |
| #2 | 2.037348 | .0406780 | .0429681 | 1.964373 | .1108736 | .2108166 |
| #3 | 2.059686 | .0398689 | .0430361 | 1.923026 | .1103038 | .2113402 |



Sample Name: LLICV01      Acquired: 3/12/2025 10:56:50      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0399947 | .0393072 | .3563862 | F .0148717 | F .0139653 | .0165698 |
| Stddev | .0001666 | .0009563 | .0057968 | .0011651   | .0014519   | .0002883 |
| %RSD   | .4166649 | 2.432846 | 1.626562 | 7.834516   | 10.39656   | 1.739943 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0398179 | .0400934 | .3535160 | .0136747 | .0140694 | .0168957 |
| #2 | .0401488 | .0395857 | .3525845 | .0149385 | .0124641 | .0164658 |
| #3 | .0400173 | .0382426 | .3630582 | .0160021 | .0153623 | .0163479 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0194086 |
| Stddev | .0001163 |
| %RSD   | .5993408 |

|    |          |
|----|----------|
| #1 | .0195267 |
| #2 | .0194049 |
| #3 | .0192942 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3419.685 | 76509.48 | 15027.34 | 2283.828 | 4887.924 |
| Stddev    | 4.101    | 211.29   | 6.20     | 1.233    | 7.891    |
| %RSD      | .1199228 | .2761650 | .0412663 | .0539770 | .1614307 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3422.682 | 76577.39 | 15034.00 | 2282.505 | 4885.744 |
| #2 | 3415.011 | 76678.46 | 15026.30 | 2284.033 | 4881.353 |
| #3 | 3421.362 | 76272.58 | 15021.73 | 2284.945 | 4896.676 |

Sample Name: ICB01      Acquired: 3/12/2025 11:01:08      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0013099 | -.001491 | .0002479 | -.001787 | -.001663 | .0075258 | -.005002 |
| Stddev | .0006524 | .000877  | .0005180 | .001016  | .000216  | .0047694 | .000552  |
| %RSD   | 49.80345 | 58.82666 | 208.9466 | 56.85254 | 12.98751 | 63.37346 | 11.03215 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015721 | -.002472 | -.000161 | -.000627 | -.001449 | .0024687 | -.005534 |
| #2 | .0005672 | -.001216 | .000074  | -.002213 | -.001881 | .0081659 | -.005041 |
| #3 | .0017904 | -.000784 | .000831  | -.002520 | -.001659 | .0119429 | -.004432 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000370 | .0000577 | .0038459 | -.000177 | .0001968 | .0000317 | -.001262 |
| Stddev | .0000510 | .0000450 | .0039280 | .000127  | .0001398 | .0004370 | .001722  |
| %RSD   | 138.0529 | 77.99120 | 102.1354 | 71.42467 | 71.01692 | 1378.233 | 136.4336 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000931 | .0000673 | .0077791 | -.000303 | .0003575 | .0000845 | -.003048 |
| #2 | -.000007 | .0000972 | -.000077 | -.000050 | .0001040 | .0004400 | .000389  |
| #3 | .000025  | .0000087 | .003835  | -.000179 | .0001289 | -.000429 | -.001129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000643 | .0081910 | -.000049 | .0005991 | -.033913 | .0004477 | .0004602 |
| Stddev | .000212  | .0080649 | .000126  | .0001862 | .001006  | .0001899 | .0001256 |
| %RSD   | 32.93744 | 98.46072 | 260.3042 | 31.08448 | 2.965983 | 42.42225 | 27.29143 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000847 | .0174170 | .000059  | .0007203 | -.032790 | .0003379 | .0006046 |
| #2 | -.000655 | .0046751 | -.000017 | .0003847 | -.034217 | .0006669 | .0003760 |
| #3 | -.000425 | .0024809 | -.000188 | .0006924 | -.034731 | .0003381 | .0004002 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.068048 | .0026263 | -.000042 | -.000555 | .0007784 | -.044698 | -.002907 |
| Stddev | .003458  | .0005634 | .000062  | .000347  | .0002360 | .004582  | .000944  |
| %RSD   | 5.081161 | 21.45051 | 148.2478 | 62.61474 | 30.31933 | 10.25205 | 32.45743 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.065245 | .0027422 | -.000039 | -.000837 | .0007591 | -.049304 | -.002037 |
| #2 | -.066987 | .0020140 | -.000105 | -.000167 | .0010234 | -.040139 | -.002775 |
| #3 | -.071912 | .0031228 | .000019  | -.000660 | .0005526 | -.044650 | -.003910 |

Sample Name: ICB01      Acquired: 3/12/2025 11:01:08      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | -.005042 | -.003628 | -.000023 |
| Stddev | .001649  | .000654  | .000072  |
| %RSD   | 32.71469 | 18.02868 | 308.4517 |
| #1     | -.004623 | -.003914 | -.000083 |
| #2     | -.003642 | -.004091 | -.000044 |
| #3     | -.006861 | -.002880 | .000057  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3413.036 | 78581.61 | 14877.70 | 2278.089 | 4946.488 |
| Stddev    | 7.047    | 181.97   | 43.57    | 12.099   | 6.018    |
| %RSD      | .2064651 | .2315728 | .2928638 | .5311177 | .1216698 |
| #1        | 3405.635 | 78778.87 | 14828.08 | 2290.412 | 4939.560 |
| #2        | 3413.809 | 78545.67 | 14909.74 | 2266.226 | 4950.420 |
| #3        | 3419.665 | 78420.28 | 14895.27 | 2277.630 | 4949.485 |

Sample Name: CRI01      Acquired: 3/12/2025 11:05:28      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0200801 | .0421270 | .0108879 | .0183255 | .0518728 | .1065205 |
| Stddev | .0017712 | .0005735 | .0015416 | .0008933 | .0009290 | .0012875 |
| %RSD   | 8.820895 | 1.361326 | 14.15845 | 4.874653 | 1.790835 | 1.208645 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0184090 | .0425740 | .0125630 | .0173014 | .0510133 | .1074694 |
| #2 | .0198945 | .0414804 | .0105721 | .0189438 | .0517468 | .1050550 |
| #3 | .0219368 | .0423266 | .0095288 | .0187315 | .0528583 | .1070370 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0888259 | .0055338 | .0058487 | 1.938138 | .0103366 | .0292939 |
| Stddev | .0003788 | .0000159 | .0000515 | .005662  | .0001874 | .0001287 |
| %RSD   | .4264144 | .2880465 | .8798664 | .2921153 | 1.812676 | .4391748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0891979 | .0055188 | .0058770 | 1.937618 | .0101324 | .0294259 |
| #2 | .0888390 | .0055321 | .0058798 | 1.944042 | .0105006 | .0292869 |
| #3 | .0884407 | .0055506 | .0057893 | 1.932755 | .0103769 | .0291689 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0226358 | .0986921 | .0191818 | 2.032646 | .0388859 | .0110873 |
| Stddev | .0001899 | .0009373 | .0002886 | .003515  | .0002732 | .0002919 |
| %RSD   | .8391098 | .9496786 | 1.504527 | .1729491 | .7025463 | 2.632658 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0224968 | .0995077 | .0190182 | 2.032279 | .0385761 | .0113196 |
| #2 | .0225583 | .0976682 | .0195150 | 2.036330 | .0390923 | .0111825 |
| #3 | .0228522 | .0989003 | .0190122 | 2.029328 | .0389894 | .0107597 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.099453 | .0393630 | .0423058 | 1.966018 | .0932869 | .2093583 |
| Stddev | .017198  | .0006705 | .0002964 | .029198  | .0001408 | .0003537 |
| %RSD   | .8191434 | 1.703361 | .7005198 | 1.485146 | .1509214 | .1689269 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.119311 | .0398067 | .0419724 | 1.996742 | .0931254 | .2097618 |
| #2 | 2.089588 | .0396906 | .0424057 | 1.938633 | .0933521 | .2092110 |
| #3 | 2.089459 | .0385917 | .0425393 | 1.962680 | .0933833 | .2091021 |

Sample Name: CRI01      Acquired: 3/12/2025 11:05:28      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0396780 | .0385341 | .3572147 | F .0140194 | F .0156726 | F .0144498 |
| Stddev | .0005452 | .0005144 | .0033334 | .0018703   | .0016777   | .0011116   |
| %RSD   | 1.374137 | 1.335003 | .9331540 | 13.34053   | 10.70458   | 7.692831   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0403073 | .0379449 | .3563145 | .0140103 | .0152027 | .0140940 |
| #2 | .0393478 | .0388942 | .3609058 | .0121537 | .0175351 | .0156958 |
| #3 | .0393789 | .0387632 | .3544239 | .0158942 | .0142799 | .0135597 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0191457 |
| Stddev | .0000117 |
| %RSD   | .0608881 |

|    |          |
|----|----------|
| #1 | .0191398 |
| #2 | .0191591 |
| #3 | .0191382 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3360.614 | 75985.13 | 15395.09 | 2238.678 | 4778.125 |
| Stddev    | 10.688   | 388.67   | 101.61   | 4.308    | 9.213    |
| %RSD      | .3180318 | .5115093 | .6599865 | .1924211 | .1928066 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3348.566 | 75548.96 | 15496.54 | 2233.817 | 4767.926 |
| #2 | 3364.323 | 76111.68 | 15293.33 | 2240.192 | 4780.607 |
| #3 | 3368.953 | 76294.76 | 15395.39 | 2242.023 | 4785.843 |

Sample Name: ICSA01      Acquired: 3/12/2025 11:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .0057795 | .0075553 | .0059908 | -.015801 | -.005276 | 249.0658 |
| Stddev | .0028562 | .0025486 | .0007074 | .004289  | .003402  | 1.5879   |
| %RSD   | 49.41993 | 33.73254 | 11.80877 | 27.14313 | 64.47987 | .6375466 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0090732 | .0102924 | .0065072 | -.011188 | -.001591 | 250.2063 |
| #2 | .0039867 | .0071232 | .0062808 | -.019667 | -.008297 | 247.2522 |
| #3 | .0042784 | .0052505 | .0051845 | -.016549 | -.005938 | 249.7389 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014253 | .0012199 | -.003496 | 231.6802 | .0600039 | .0017853 |
| Stddev | .0003061 | .0000465 | .000074  | .9358    | .0005390 | .0001855 |
| %RSD   | 21.47563 | 3.808933 | 2.128183 | .4039272 | .8983232 | 10.39073 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0015603 | .0012734 | -.003549 | 232.4506 | .0602487 | .0018298 |
| #2 | .0016408 | .0011961 | -.003529 | 230.6388 | .0593859 | .0015816 |
| #3 | .0010750 | .0011901 | -.003411 | 231.9512 | .0603771 | .0019445 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072552 | 104.2142 | .0027988 | 248.7386 | .0016202 | .0005751 |
| Stddev | .0003115 | .6907    | .0005714 | .8985    | .0004300 | .0003715 |
| %RSD   | 4.293946 | .6627787 | 20.41497 | .3612362 | 26.53852 | 64.59829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0069328 | 104.9739 | .0021802 | 248.6600 | .0019631 | .0006386 |
| #2 | .0075546 | 103.6240 | .0029097 | 247.8819 | .0017597 | .0009107 |
| #3 | .0072781 | 104.0449 | .0033067 | 249.6738 | .0011378 | .0001759 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0413736 | .0040468 | .0069513 | -.008244 | F -.112072 | .0001234 |
| Stddev | .0147870 | .0003979 | .0002312 | .011951  | .002961    | .0002979 |
| %RSD   | 35.74017 | 9.831458 | 3.326321 | 144.9627 | 2.641947   | 241.3176 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0397745 | .0037566 | .0067825 | -.020886 | -.108816 | -.000090 |
| #2 | .0274511 | .0038835 | .0072148 | -.006717 | -.112795 | -.000004 |
| #3 | .0568951 | .0045003 | .0068565 | .002870  | -.114604 | .000464  |

Sample Name: ICSA01      Acquired: 3/12/2025 11:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | -0.002340 | -0.001218 | -0.023635 | -0.002748 | F -0.021775 | .0013627 |
| Stddev | .001524   | .000149   | .000449   | .002516   | .002578     | .0009252 |
| %RSD   | 65.14064  | 12.22588  | 1.901696  | 91.54040  | 11.83876    | 67.89789 |

|    |           |           |           |           |           |          |
|----|-----------|-----------|-----------|-----------|-----------|----------|
| #1 | -0.003165 | -0.001364 | -0.023286 | -0.001624 | -0.024403 | .0020550 |
| #2 | -0.003272 | -0.001066 | -0.023477 | -0.000991 | -0.021673 | .0003118 |
| #3 | -0.000581 | -0.001225 | -0.024142 | -0.005630 | -0.019250 | .0017211 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0962691 |
| Stddev | .0006149   |
| %RSD   | .6386766   |

|    |          |
|----|----------|
| #1 | .0969030 |
| #2 | .0956752 |
| #3 | .0962291 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3016.275 | 66635.65 | 14617.59 | 2010.268 | 3857.253 |
| Stddev    | 4.357    | 144.48   | 57.87    | 3.650    | 7.803    |
| %RSD      | .1444558 | .2168212 | .3958872 | .1815833 | .2022891 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3011.641 | 66548.49 | 14592.18 | 2012.926 | 3851.484 |
| #2 | 3020.290 | 66802.42 | 14683.81 | 2006.106 | 3866.131 |
| #3 | 3016.894 | 66556.03 | 14576.77 | 2011.773 | 3854.144 |

Sample Name: ICSAB01      Acquired: 3/12/2025 11:14:11      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | .1162459 | .1076940 | .0523380 | .0341979 | .6300756 | 239.2544 |
| Stddev | .0052503 | .0029950 | .0019501 | .0010796 | .0043504 | 14.1175  |
| %RSD   | 4.516536 | 2.781008 | 3.725956 | 3.156983 | .6904512 | 5.900622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1199751 | .1079458 | .0543874 | .0353992 | .6252382 | 249.6676 |
| #2 | .1185208 | .1045810 | .0505053 | .0333087 | .6336672 | 223.1860 |
| #3 | .1102418 | .1105551 | .0521214 | .0338857 | .6313214 | 244.9094 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4543256 | .4669305 | 1.004118 | 220.2602 | .5945447 | .5109850 |
| Stddev | .0297941 | .0253370 | .001596  | 13.9551  | .0039085 | .0009383 |
| %RSD   | 6.557867 | 5.426292 | .1589679 | 6.335728 | .6573889 | .1836233 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4761375 | .4866314 | 1.002306 | 230.4127 | .5908130 | .5111445 |
| #2 | .4203791 | .4383485 | 1.004730 | 204.3470 | .5986087 | .5099772 |
| #3 | .4664602 | .4758115 | 1.005317 | 226.0209 | .5942125 | .5118333 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5092420 | 101.5188 | .4508260 | 236.5746 | 1.002963 | .2257953 |
| Stddev | .0010840 | .8489    | .0299778 | 14.8679  | .000523  | .0019329 |
| %RSD   | .2128741 | .8361690 | 6.649531 | 6.284668 | .0521119 | .8560429 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5083430 | 101.2454 | .4723234 | 247.5490 | 1.003307 | .2235736 |
| #2 | .5089372 | 100.8403 | .4165812 | 219.6538 | 1.003220 | .2270914 |
| #3 | .5104458 | 102.4707 | .4635733 | 242.5210 | 1.002361 | .2267209 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0436195 | .4565547 | 1.077794 | -.044719 | F .8347094 | 1.111830 |
| Stddev | .0085472 | .0263889 | .010424  | .032805  | .0353070   | .003008  |
| %RSD   | 19.59500 | 5.780006 | .9671620 | 73.35883 | 4.229859   | .2705706 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0380322 | .4773375 | 1.066156 | -.080624 | .8588161 | 1.108357 |
| #2 | .0393674 | .4268649 | 1.080951 | -.037221 | .7941826 | 1.113493 |
| #3 | .0534588 | .4654619 | 1.086275 | -.016312 | .8511294 | 1.113640 |



Sample Name: ICSAB01      Acquired: 3/12/2025 11:14:11      Type: Unk  
Method: NON EPA-6010-200.7(v2798)      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    | 1.101800 | .9789385 | 1.021118 | F .0001176 | F -.024810 | F .0026799 |
| Stddev | .002545  | .0622752 | .002091  | .0017427   | .001466    | .0019086   |
| %RSD   | .2309699 | 6.361503 | .2047376 | 1481.856   | 5.909820   | 71.21707   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.102112 | 1.023609 | 1.019590 | .0011515 | -.025855 | .0004765 |
| #2 | 1.104174 | .907802  | 1.020264 | -.001894 | -.023134 | .0038159 |
| #3 | 1.099113 | 1.005405 | 1.023501 | .001096  | -.025441 | .0037475 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0914073 |
| Stddev | .0059081   |
| %RSD   | 6.463465   |

|    |          |
|----|----------|
| #1 | .0955711 |
| #2 | .0846454 |
| #3 | .0940054 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2995.150 | 66529.82 | 14995.93 | 1990.957 | 3851.091 |
| Stddev    | 8.787    | 408.57   | 838.84   | 19.629   | 5.027    |
| %RSD      | .2933886 | .6141096 | 5.593759 | .9858950 | .1305429 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3002.872 | 66989.47 | 14367.11 | 2012.430 | 3854.594 |
| #2 | 2996.990 | 66207.98 | 15948.37 | 1986.500 | 3853.348 |
| #3 | 2985.588 | 66392.00 | 14672.31 | 1973.939 | 3845.331 |

Sample Name: ICSADLX20      Acquired: 3/12/2025 11:21:21      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012719 | -.001021 | .0002573 | -.005631 | -.000721 | 12.66479 | -.006144 |
| Stddev | .0024672 | .002206  | .0012295 | .001993  | .000831  | .02143   | .000944  |
| %RSD   | 193.9820 | 215.9496 | 477.8223 | 35.38573 | 115.3333 | .1692131 | 15.36744 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0040842 | -.000641 | .0010668 | -.004162 | -.001069 | 12.67195 | -.005247 |
| #2 | -.000529 | .000970  | -.001157 | -.004833 | -.001321 | 12.64069 | -.006057 |
| #3 | .000260  | -.003392 | .000863  | -.007899 | .000228  | 12.68171 | -.007129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001566 | -.000154 | 11.90569 | .0031714 | .0002149 | .0005272 | 4.979147 |
| Stddev | .0000204 | .000061  | .02229   | .0001842 | .0001912 | .0003435 | .012860  |
| %RSD   | 13.00388 | 39.72162 | .1872577 | 5.809045 | 88.92941 | 65.14657 | .2582849 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001450 | -.000205 | 11.88871 | .0029882 | .0000506 | .0004598 | 4.976021 |
| #2 | .0001448 | -.000086 | 11.89743 | .0031695 | .0001695 | .0002225 | 4.968137 |
| #3 | .0001802 | -.000171 | 11.93094 | .0033567 | .0004247 | .0008994 | 4.993282 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000381 | 12.25489 | .0000025 | .0008363 | -.021700 | .0011640 | .0008001 |
| Stddev | .000256  | .02732   | .0001676 | .0001777 | .002078  | .0012919 | .0004084 |
| %RSD   | 67.27655 | .2229630 | 6738.150 | 21.24263 | 9.574475 | 110.9889 | 51.03891 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000376 | 12.26115 | -.000170 | .0006691 | -.019319 | .0026552 | .0004414 |
| #2 | -.000127 | 12.22497 | .000164  | .0010228 | -.022638 | .0004533 | .0012445 |
| #3 | -.000639 | 12.27853 | .000013  | .0008170 | -.023144 | .0003834 | .0007144 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.117526 | -.013428 | .0000094 | -.000693 | .0009346 | -.047788 | -.005689 |
| Stddev | .010420  | .000374  | .0001803 | .000214  | .0008720 | .002694  | .002254  |
| %RSD   | 8.866429 | 2.782695 | 1907.225 | 30.88084 | 93.30557 | 5.637681 | 39.61241 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.125089 | -.013534 | .0001822 | -.000862 | .0012555 | -.047745 | -.004924 |
| #2 | -.105640 | -.013012 | .0000236 | -.000766 | -.000052 | -.050504 | -.008226 |
| #3 | -.121849 | -.013737 | -.000177 | -.000452 | .001601  | -.045116 | -.003918 |

Sample Name: ICSADLX20      Acquired: 3/12/2025 11:21:21      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSADLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005519 | -.004907 | .0047947 |
| Stddev | .001715  | .001009  | .0000776 |
| %RSD   | 31.08080 | 20.55822 | 1.618870 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004472 | -.004629 | .0048687 |
| #2 | -.004586 | -.006026 | .0047139 |
| #3 | -.007499 | -.004066 | .0048015 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3316.113 | 73462.50 | 14663.63 | 2145.467 | 4684.828 |
| Stddev    | 6.438    | 44.93    | 32.82    | 13.305   | 5.063    |
| %RSD      | .1941365 | .0611664 | .2238227 | .6201614 | .1080778 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3309.391 | 73413.87 | 14634.09 | 2134.311 | 4680.257 |
| #2 | 3322.223 | 73502.48 | 14698.96 | 2160.193 | 4683.956 |
| #3 | 3316.723 | 73471.15 | 14657.83 | 2141.897 | 4690.271 |

Sample Name: ICSABDLX20      Acquired: 3/12/2025 11:25:38      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031210 | .0050915 | .0019708 | -.003818 | .0297654 | 12.73115 | .0178418 |
| Stddev | .0031434 | .0005185 | .0017116 | .000630  | .0006093 | .02366   | .0009651 |
| %RSD   | 100.7156 | 10.18296 | 86.84758 | 16.51324 | 2.046920 | .1858094 | 5.409282 |
| #1     | .0032770 | .0050901 | .0026563 | -.004476 | .0301885 | 12.73358 | .0173005 |
| #2     | -.000097 | .0045737 | .0000227 | -.003758 | .0300406 | 12.70638 | .0189560 |
| #3     | .006184  | .0056106 | .0032333 | -.003219 | .0290671 | 12.75350 | .0172688 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0252962 | .0514410 | 12.00660 | .0309137 | .0259038 | .0276460 | 5.054236 |
| Stddev | .0002144 | .0001183 | .04091   | .0007443 | .0000689 | .0005984 | .022857  |
| %RSD   | .8475227 | .2300526 | .3407488 | 2.407557 | .2661343 | 2.164381 | .4522278 |
| #1     | .0254310 | .0513185 | 12.03842 | .0315650 | .0259307 | .0275937 | 5.076452 |
| #2     | .0250490 | .0515548 | 11.96045 | .0310738 | .0259552 | .0270755 | 5.055466 |
| #3     | .0254087 | .0514496 | 12.02093 | .0301025 | .0258254 | .0282688 | 5.030788 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0242190 | 12.32777 | .0515415 | .0118074 | -.030711 | .0255350 | .0562076 |
| Stddev | .0001498 | .04370   | .0003544 | .0002390 | .006593  | .0009507 | .0006858 |
| %RSD   | .6184210 | .3544999 | .6876635 | 2.023745 | 21.46780 | 3.723293 | 1.220072 |
| #1     | .0243902 | 12.28373 | .0513750 | .0120819 | -.025414 | .0251547 | .0568723 |
| #2     | .0241118 | 12.32846 | .0513011 | .0116945 | -.038095 | .0266170 | .0555025 |
| #3     | .0241551 | 12.37112 | .0519486 | .0116458 | -.028625 | .0248333 | .0562482 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.105756 | .0389198 | .0584498 | .0564518 | .0533356 | .0039099 | -.006234 |
| Stddev | .010839  | .0013606 | .0004358 | .0008619 | .0001747 | .0039217 | .001101  |
| %RSD   | 10.24890 | 3.496015 | .7456581 | 1.526760 | .3276331 | 100.3037 | 17.66038 |
| #1     | -.118154 | .0399427 | .0582791 | .0559112 | .0532209 | .0083082 | -.007228 |
| #2     | -.098077 | .0373756 | .0581251 | .0574458 | .0535367 | .0026443 | -.005051 |
| #3     | -.101036 | .0394411 | .0589451 | .0559986 | .0532492 | .0007772 | -.006424 |

Sample Name: ICSABDLX20      Acquired: 3/12/2025 11:25:38      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSABDLX20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003600 | -.004129 | .0047801 |
| Stddev | .004852  | .000553  | .0000337 |
| %RSD   | 134.7955 | 13.39272 | .7055797 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000040 | -.003547 | .0047940 |
| #2 | -.001632 | -.004647 | .0047416 |
| #3 | -.009127 | -.004191 | .0048046 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3264.925 | 73964.14 | 14864.17 | 2159.656 | 4582.541 |
| Stddev    | 7.340    | 299.22   | 24.91    | 7.022    | 9.119    |
| %RSD      | .2248149 | .4045527 | .1676171 | .3251624 | .1989932 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3273.143 | 73697.61 | 14852.22 | 2155.370 | 4593.070 |
| #2 | 3259.021 | 73907.01 | 14892.81 | 2155.837 | 4577.368 |
| #3 | 3262.611 | 74287.82 | 14847.48 | 2167.760 | 4577.186 |

Sample Name: CCV01      Acquired: 3/12/2025 11:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 5.211991 | 5.015481 | 5.062300 | 4.997678 | 5.041986 | 10.03519 | 9.300786 |
| Stddev | .005706  | .057166  | .008647  | .017756  | .014094  | .01226   | .088918  |
| %RSD   | .1094838 | 1.139796 | .1708116 | .3552817 | .2795366 | .1221873 | .9560309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.206852 | 5.079118 | 5.060152 | 4.996120 | 5.036242 | 10.04791 | 9.344004 |
| #2 | 5.210989 | 4.998851 | 5.054930 | 4.980752 | 5.031670 | 10.03420 | 9.198520 |
| #3 | 5.218132 | 4.968473 | 5.071819 | 5.016161 | 5.058045 | 10.02345 | 9.359835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2442363 | 2.465015 | 23.81095 | 1.052485 | 2.459061 | 1.259754 | 4.786042 |
| Stddev | .0010176 | .006725  | .09101   | .003939  | .007950  | .004174  | .023243  |
| %RSD   | .4166252 | .2728019 | .3822230 | .3742260 | .3232819 | .3313059 | .4856385 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2430762 | 2.464919 | 23.71233 | 1.054818 | 2.456151 | 1.257272 | 4.812879 |
| #2 | .2446551 | 2.458338 | 23.82880 | 1.054699 | 2.452977 | 1.257417 | 4.772880 |
| #3 | .2449776 | 2.471786 | 23.89171 | 1.047937 | 2.468056 | 1.264572 | 4.772367 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.350109 | 23.78453 | 2.449253 | 1.256965 | 26.20896 | 2.432009 | 2.534750 |
| Stddev | .005528  | .10881   | .009531  | .004910  | .26527   | .004869  | .012296  |
| %RSD   | .2352430 | .4574639 | .3891426 | .3905927 | 1.012142 | .2001929 | .4850902 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.349847 | 23.67182 | 2.446393 | 1.260740 | 26.47815 | 2.426478 | 2.547765 |
| #2 | 2.344717 | 23.79282 | 2.441479 | 1.258740 | 26.20095 | 2.433903 | 2.533158 |
| #3 | 2.355764 | 23.88896 | 2.459886 | 1.251414 | 25.94778 | 2.435646 | 2.523328 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.12724 | 4.874880 | 5.064826 | 5.025773 | 4.751765 | 5.217918 | 4.895639 |
| Stddev | .19660   | .029196  | .010226  | .018792  | .007995  | .015325  | .013298  |
| %RSD   | .8148578 | .5989055 | .2019038 | .3739042 | .1682479 | .2936987 | .2716198 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.34029 | 4.841952 | 5.060145 | 5.034492 | 4.752720 | 5.235423 | 4.885398 |
| #2 | 24.08859 | 4.885081 | 5.057778 | 5.004206 | 4.743336 | 5.211408 | 4.890851 |
| #3 | 23.95282 | 4.897607 | 5.076555 | 5.038622 | 4.759240 | 5.206923 | 4.910667 |

Sample Name: CCV01      Acquired: 3/12/2025 11:29:51      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 4.796329 | 4.743881 | 4.768053 |
| Stddev | .020052  | .012043  | .007958  |
| %RSD   | .4180676 | .2538612 | .1668974 |
| #1     | 4.801466 | 4.757787 | 4.761613 |
| #2     | 4.774209 | 4.736946 | 4.776949 |
| #3     | 4.813313 | 4.736911 | 4.765597 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3209.006 | 71967.68 | 13849.26 | 2119.839 | 4307.122 |
| Stddev    | 3.458    | 262.44   | 58.61    | 11.554   | 6.230    |
| %RSD      | .1077464 | .3646676 | .4231900 | .5450650 | .1446417 |
| #1        | 3211.911 | 71715.62 | 13912.61 | 2106.872 | 4308.211 |
| #2        | 3209.925 | 71948.04 | 13838.19 | 2123.603 | 4312.735 |
| #3        | 3205.182 | 72239.40 | 13796.97 | 2129.042 | 4300.419 |

Sample Name: CCB01      Acquired: 3/12/2025 11:34:02      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0017913 | -.002097 | -.001192 | -.005564 | .0002742 | .0063387 | -.004102 |
| Stddev | .0010339 | .001085  | .001742  | .001782  | .0011055 | .0025990 | .000293  |
| %RSD   | 57.71878 | 51.73825 | 146.1855 | 32.01859 | 403.1912 | 41.00242 | 7.149025 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016385 | -.001051 | -.000274 | -.007585 | -.000943 | .0093370 | -.003787 |
| #2 | .0008422 | -.002022 | -.000100 | -.004221 | .000550  | .0049538 | -.004149 |
| #3 | .0028930 | -.003218 | -.003201 | -.004887 | .001215  | .0047255 | -.004368 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000221 | .0000509 | .0023603 | -.000141 | .0000671 | .0001342 | .0104766 |
| Stddev | .0000322 | .0000769 | .0052563 | .000271  | .0002061 | .0003051 | .0015795 |
| %RSD   | 145.8598 | 151.1294 | 222.7015 | 191.5810 | 307.3416 | 227.3301 | 15.07673 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000573 | .0001230 | .0082463 | .000169  | .0002749 | .0004142 | .0123002 |
| #2 | -.000006 | -.000030 | -.001865 | -.000266 | -.000137 | -.000191 | .0095346 |
| #3 | .000015  | .000060  | .000700  | -.000327 | .000064  | .000179  | .0095950 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000472 | -.000488 | -.000048 | .0002972 | -.034534 | -.000402 | .0002547 |
| Stddev | .000237  | .002748  | .000132  | .0000721 | .008518  | .000525  | .0004594 |
| %RSD   | 50.21848 | 562.9727 | 274.7492 | 24.25217 | 24.66639 | 130.8143 | 180.3939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000254 | .000004  | .000100  | .0002314 | -.040738 | -.000073 | -.000270 |
| #2 | -.000437 | .001981  | -.000089 | .0003743 | -.038042 | -.001008 | .000452  |
| #3 | -.000724 | -.003448 | -.000155 | .0002861 | -.024822 | -.000124 | .000583  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.122611 | .0051111 | .0001344 | -.000137 | .0015550 | -.044021 | -.004907 |
| Stddev | .002465  | .0006658 | .0001944 | .000218  | .0005840 | .002381  | .001640  |
| %RSD   | 2.010502 | 13.02607 | 144.6711 | 159.8905 | 37.55791 | 5.409846 | 33.42940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.122905 | .0057825 | .0003574 | -.000384 | .0011234 | -.041284 | -.003038 |
| #2 | -.120012 | .0044511 | .0000448 | -.000057 | .0022195 | -.045618 | -.006107 |
| #3 | -.124916 | .0050996 | .0000009 | .000031  | .0013220 | -.045161 | -.005576 |



Sample Name: CCB01      Acquired: 3/12/2025 11:34:02      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.008308 | -.003708 | .0003751 |
| Stddev | .001627  | .000428  | .0000132 |
| %RSD   | 19.58748 | 11.54889 | 3.519802 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.007459 | -.003825 | .0003895 |
| #2 | -.010184 | -.004066 | .0003635 |
| #3 | -.007281 | -.003234 | .0003724 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3351.531 | 76450.97 | 14850.95 | 2245.221 | 4829.815 |
| Stddev    | 8.736    | 242.07   | 49.37    | 5.891    | 14.210   |
| %RSD      | .2606471 | .3166322 | .3324157 | .2623901 | .2942226 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3361.508 | 76632.99 | 14815.50 | 2251.877 | 4845.422 |
| #2 | 3347.831 | 76543.67 | 14830.00 | 2243.111 | 4826.400 |
| #3 | 3345.255 | 76176.25 | 14907.33 | 2240.676 | 4817.623 |

Sample Name: PB167037BL      Acquired: 3/12/2025 11:38:21      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.000595 | -.001491 | .0002883 | -.008058 | -.001139 | .0056455 | -.006957 |
| Stddev | .001776  | .001817  | .0021736 | .000478  | .001382  | .0029570 | .000194  |
| %RSD   | 298.6082 | 121.8572 | 753.8521 | 5.928059 | 121.3677 | 52.37769 | 2.782246 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001824 | -.000425 | .0022860 | -.007794 | -.001348 | .0087413 | -.006898 |
| #2 | -.001401 | -.003590 | .0006053 | -.007771 | -.002405 | .0028503 | -.007173 |
| #3 | .001441  | -.000460 | -.002026 | -.008609 | .000336  | .0053449 | -.006800 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000417 | .0000071 | .0015952 | -.000347 | .0000871 | .0000718 | -.001960 |
| Stddev | .0000330 | .0001155 | .0059957 | .000359  | .0001061 | .0002728 | .003740  |
| %RSD   | 79.16347 | 1626.808 | 375.8657 | 103.5221 | 121.7897 | 380.0759 | 190.8201 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000397 | .0000435 | -.003173 | -.000296 | .0002034 | -.000068 | -.004039 |
| #2 | .0000097 | .0001000 | .008326  | -.000728 | .0000625 | -.000102 | .002358  |
| #3 | .0000757 | -.000122 | -.000368 | -.000016 | -.000005 | .000386  | -.004198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000484 | .0151366 | -.000374 | .0006824 | -.039767 | .0003913 | -.000043 |
| Stddev | .000188  | .0144686 | .000071  | .0002127 | .003602  | .0009464 | .000342  |
| %RSD   | 38.77291 | 95.58661 | 19.05179 | 31.16299 | 9.057665 | 241.8647 | 796.2171 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000534 | .0040203 | -.000307 | .0005428 | -.036536 | .0010499 | -.000315 |
| #2 | -.000276 | .0314957 | -.000449 | .0005773 | -.043651 | -.000693 | .000340  |
| #3 | -.000641 | .0098939 | -.000367 | .0009272 | -.039115 | .000817  | -.000154 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.168798 | -.003796 | .0000597 | .0000257 | .0005718 | -.045200 | -.004409 |
| Stddev | .016654  | .000611  | .0000494 | .0004359 | .0006182 | .004541  | .002041  |
| %RSD   | 9.866286 | 16.09152 | 82.79294 | 1696.328 | 108.1167 | 10.04666 | 46.27595 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.185488 | -.004417 | .0001155 | -.000475 | .0012142 | -.049941 | -.005585 |
| #2 | -.152180 | -.003195 | .0000218 | .000318  | -.000019 | -.044768 | -.005590 |
| #3 | -.168727 | -.003777 | .0000417 | .000235  | .000520  | -.040890 | -.002053 |

Sample Name: PB167037BL      Acquired: 3/12/2025 11:38:21      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.006585 | -.005201 | -.000068 |
| Stddev | .002669  | .000813  | .000032  |
| %RSD   | 40.53721 | 15.63387 | 46.17196 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.009424 | -.004450 | -.000032 |
| #2 | -.004127 | -.005087 | -.000081 |
| #3 | -.006203 | -.006065 | -.000091 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3324.453 | 75347.58 | 15117.56 | 2190.643 | 4810.936 |
| Stddev    | 4.905    | 208.72   | 41.52    | 7.483    | 2.531    |
| %RSD      | .1475292 | .2770084 | .2746475 | .3416066 | .0526107 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3327.988 | 75109.59 | 15100.70 | 2186.292 | 4811.227 |
| #2 | 3326.517 | 75433.65 | 15087.12 | 2186.353 | 4813.310 |
| #3 | 3318.854 | 75499.50 | 15164.86 | 2199.284 | 4808.273 |

Sample Name: PB167037BS      Acquired: 3/12/2025 11:42:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8233577 | 2.008873 | .9774475 | 1.990975 | .8256929 | 1.963676 |
| Stddev | .0041464 | .011012  | .0031780 | .004244  | .0031958 | .006838  |
| %RSD   | .5035978 | .5481502 | .3251325 | .2131706 | .3870404 | .3482125 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8210239 | 1.996208 | .9770997 | 1.990853 | .8230480 | 1.967797 |
| #2 | .8209041 | 2.016178 | .9744576 | 1.986794 | .8247867 | 1.955783 |
| #3 | .8281451 | 2.014234 | .9807851 | 1.995279 | .8292439 | 1.967448 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1763484 | .1843368 | .1909032 | .9677100 | .4276409 | .1939617 |
| Stddev | .0005258 | .0005425 | .0008253 | .0061926 | .0019231 | .0008668 |
| %RSD   | .2981448 | .2943189 | .4323212 | .6399194 | .4497088 | .4469121 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1769375 | .1838516 | .1905979 | .9733024 | .4298040 | .1930628 |
| #2 | .1759268 | .1849226 | .1902740 | .9610548 | .4269947 | .1940301 |
| #3 | .1761809 | .1842363 | .1918376 | .9687727 | .4261242 | .1947924 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3138106 | 2.966757 | .1853022 | 1.846428 | .4834428 | .0768172 |
| Stddev | .0010278 | .010048  | .0001062 | .014256  | .0018181 | .0002363 |
| %RSD   | .3275082 | .3386769 | .0572872 | .7720637 | .3760625 | .3076477 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3135632 | 2.978235 | .1853469 | 1.842490 | .4820476 | .0770875 |
| #2 | .3129291 | 2.962480 | .1853787 | 1.862238 | .4827820 | .0767144 |
| #3 | .3149394 | 2.959555 | .1851810 | 1.834555 | .4854988 | .0766497 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.156191 | .2864989 | .2068381 | 9.637316 | .2632788 | .4138307 |
| Stddev | .026879  | .0025562 | .0004972 | .062605  | .0013183 | .0014967 |
| %RSD   | .8516298 | .8922045 | .2403861 | .6496052 | .5007102 | .3616647 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.180772 | .2858589 | .2065544 | 9.699466 | .2627371 | .4128323 |
| #2 | 3.127489 | .2843235 | .2074122 | 9.638215 | .2647815 | .4131082 |
| #3 | 3.160311 | .2893142 | .2065477 | 9.574267 | .2623175 | .4155515 |

Sample Name: PB167037BS      Acquired: 3/12/2025 11:42:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6985020 | .1875626 | .8049966 | 5.587026 | F -.016263 | .1876214 |
| Stddev | .0029186 | .0004749 | .0107007 | .025275  | .000693    | .0006078 |
| %RSD   | .4178351 | .2532044 | 1.329289 | .4523956 | 4.260674   | .3239722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6989777 | .1871207 | .8161694 | 5.560277 | -.016387 | .1883194 |
| #2 | .6953747 | .1875023 | .8039800 | 5.590290 | -.015517 | .1873364 |
| #3 | .7011534 | .1880648 | .7948405 | 5.610510 | -.016886 | .1872084 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1879061 |
| Stddev | .0004404 |
| %RSD   | .2343655 |

|    |          |
|----|----------|
| #1 | .1884135 |
| #2 | .1876236 |
| #3 | .1876811 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3260.084 | 73979.15 | 14943.11 | 2148.795 | 4628.885 |
| Stddev    | 10.667   | 183.85   | 43.02    | 4.816    | 16.089   |
| %RSD      | .3272088 | .2485106 | .2878691 | .2241168 | .3475823 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3262.073 | 73773.37 | 14975.26 | 2150.477 | 4633.974 |
| #2 | 3269.616 | 74127.21 | 14894.25 | 2143.364 | 4641.814 |
| #3 | 3248.561 | 74036.86 | 14959.82 | 2152.544 | 4610.866 |

Sample Name: PB166981BL      Acquired: 3/12/2025 11:46:43      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0008618 | -.002373 | .0006679 | -.007013 | -.000757 | .0043759 | -.007596 |
| Stddev | .0010451 | .001390  | .0014878 | .003175  | .000996  | .0015829 | .000485  |
| %RSD   | 121.2654 | 58.60319 | 222.7476 | 45.26614 | 131.5944 | 36.17371 | 6.380190 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020681 | -.003665 | -.000698 | -.003803 | -.000434 | .0045564 | -.007044 |
| #2 | .0002295 | -.000901 | .000449  | -.010151 | -.001874 | .0058609 | -.007950 |
| #3 | .0002878 | -.002552 | .002253  | -.007085 | .000038  | .0027105 | -.007795 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000094 | .0000032 | .0011813 | .0000622 | .0000887 | -.000043 | -.002636 |
| Stddev | .0000620 | .0000373 | .0080101 | .0002910 | .0000596 | .000105  | .003957  |
| %RSD   | 656.2753 | 1180.549 | 678.0960 | 467.4179 | 67.19959 | 244.9048 | 150.1221 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000769 | -.000037 | -.006941 | .0003658 | .0000533 | .000072  | -.003269 |
| #2 | -.000045 | .000011  | .001411  | -.000214 | .0000553 | -.000135 | -.006238 |
| #3 | -.000003 | .000036  | .009074  | .000035  | .0001576 | -.000066 | .001600  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000691 | .0029147 | .0001398 | .0010479 | -.045049 | .0005807 | .0000512 |
| Stddev | .000035  | .0165513 | .0002113 | .0001142 | .006204  | .0007392 | .0003150 |
| %RSD   | 5.108276 | 567.8666 | 151.1431 | 10.89566 | 13.77193 | 127.2933 | 615.4939 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000675 | .0185046 | .0002704 | .0009594 | -.052114 | .0000090 | .0000798 |
| #2 | -.000667 | .0046936 | -.000104 | .0011768 | -.040490 | .0003176 | .0003510 |
| #3 | -.000732 | -.014454 | .000253  | .0010076 | -.042543 | .0014154 | -.000277 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.148899 | -.005250 | .0000072 | -.000195 | .0001477 | -.051492 | -.003339 |
| Stddev | .015573  | .000585  | .0000606 | .000272  | .0002245 | .000692  | .000772  |
| %RSD   | 10.45869 | 11.13467 | 847.3430 | 139.7763 | 151.9870 | 1.343236 | 23.10935 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.158229 | -.005752 | -.000050 | -.000049 | .0001831 | -.051299 | -.002465 |
| #2 | -.130921 | -.004608 | .000001  | -.000509 | .0003525 | -.050917 | -.003626 |
| #3 | -.157546 | -.005388 | .000071  | -.000027 | -.000092 | -.052259 | -.003926 |

Sample Name: PB166981BL      Acquired: 3/12/2025 11:46:43      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.005029 | -.004901 | -.000040 |
| Stddev | .002439  | .000522  | .000033  |
| %RSD   | 48.49026 | 10.64665 | 81.70881 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.003134 | -.005391 | -.000023 |
| #2 | -.007780 | -.004352 | -.000020 |
| #3 | -.004173 | -.004959 | -.000078 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3291.490 | 75134.05 | 14967.04 | 2172.840 | 4768.940 |
| Stddev    | 8.076    | 288.78   | 42.65    | 6.214    | 12.362   |
| %RSD      | .2453674 | .3843516 | .2849358 | .2859705 | .2592144 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3284.238 | 75365.17 | 15011.86 | 2172.912 | 4756.520 |
| #2 | 3290.040 | 75226.64 | 14926.96 | 2179.017 | 4769.057 |
| #3 | 3300.194 | 74810.33 | 14962.32 | 2166.590 | 4781.243 |

Sample Name: PB166981BS      Acquired: 3/12/2025 11:51:03      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8155722 | 1.993249 | .9738332 | 1.966081 | .8167610 | 1.969288 |
| Stddev | .0044193 | .027853  | .0019637 | .004980  | .0022709 | .010484  |
| %RSD   | .5418625 | 1.397365 | .2016418 | .2532967 | .2780377 | .5323793 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8205890 | 1.983036 | .9722903 | 1.971832 | .8161978 | 1.964616 |
| #2 | .8122553 | 1.971944 | .9731657 | 1.963240 | .8148246 | 1.981296 |
| #3 | .8138722 | 2.024767 | .9760436 | 1.963172 | .8192605 | 1.961952 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1716938 | .1941025 | .1900735 | .9681129 | .4197032 | .1937184 |
| Stddev | .0006618 | .0010151 | .0001205 | .0098743 | .0002910 | .0001911 |
| %RSD   | .3854419 | .5229524 | .0633969 | 1.019950 | .0693281 | .0986485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1713692 | .1937675 | .1899932 | .9774128 | .4199229 | .1936984 |
| #2 | .1724552 | .1952427 | .1900153 | .9691758 | .4193732 | .1935380 |
| #3 | .1712570 | .1932972 | .1902121 | .9577503 | .4198134 | .1939186 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3122311 | 2.826677 | .1863327 | 1.854201 | .4831998 | .0761320 |
| Stddev | .0005561 | .010889  | .0010355 | .024320  | .0002696 | .0001148 |
| %RSD   | .1780929 | .3852288 | .5557267 | 1.311624 | .0557895 | .1507698 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3120594 | 2.838064 | .1869086 | 1.855839 | .4829135 | .0760000 |
| #2 | .3117811 | 2.825600 | .1869522 | 1.877660 | .4832370 | .0762086 |
| #3 | .3128527 | 2.816366 | .1851373 | 1.829102 | .4834488 | .0761873 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.995561 | .2872074 | .2059089 | 9.046157 | .2745798 | .4106299 |
| Stddev | .016265  | .0021736 | .0010819 | .019073  | .0011125 | .0018534 |
| %RSD   | .5429843 | .7568167 | .5254511 | .2108426 | .4051698 | .4513530 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.002099 | .2847555 | .2062906 | 9.041142 | .2742918 | .4113777 |
| #2 | 2.977044 | .2888980 | .2067483 | 9.030092 | .2758080 | .4085194 |
| #3 | 3.007540 | .2879686 | .2046878 | 9.067236 | .2736396 | .4119925 |



Sample Name: PB166981BS      Acquired: 3/12/2025 11:51:03      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6939950 | .1862557 | F .7529862 | 5.597950 | F -.015376 | .1870878 |
| Stddev | .0015932 | .0009952 | .0082169   | .008513  | .001013    | .0006235 |
| %RSD   | .2295757 | .5343046 | 1.091242   | .1520718 | 6.586043   | .3332765 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6935284 | .1873880 | .7556644 | 5.593151 | -.016403 | .1875526 |
| #2 | .6926872 | .1858592 | .7437644 | 5.592921 | -.014379 | .1873316 |
| #3 | .6957695 | .1855199 | .7595299 | 5.607779 | -.015345 | .1863792 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1854332 |
| Stddev | .0009659 |
| %RSD   | .5208786 |

|    |          |
|----|----------|
| #1 | .1858559 |
| #2 | .1861156 |
| #3 | .1843280 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3290.076 | 74930.79 | 14251.90 | 2192.186 | 4660.722 |
| Stddev    | 4.976    | 96.15    | 84.80    | 12.471   | 4.658    |
| %RSD      | .1512426 | .1283130 | .5950167 | .5688806 | .0999456 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3286.995 | 74819.84 | 14274.48 | 2188.388 | 4665.101 |
| #2 | 3295.817 | 74989.60 | 14158.10 | 2182.055 | 4661.237 |
| #3 | 3287.417 | 74982.93 | 14323.13 | 2206.114 | 4655.827 |

Sample Name: PB167038BL      Acquired: 3/12/2025 11:55:05      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.001459 | -.001622 | .0001260 | -.007175 | -.001639 | .0061712 | -.006188 |
| Stddev | .001283  | .001663  | .0014798 | .000671  | .000416  | .0016124 | .000608  |
| %RSD   | 87.98145 | 102.5436 | 1174.273 | 9.354020 | 25.36178 | 26.12790 | 9.832310 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001139 | .000295  | -.000093 | -.007924 | -.001163 | .0079226 | -.005714 |
| #2 | -.002872 | -.002473 | .001703  | -.006629 | -.001929 | .0058427 | -.006874 |
| #3 | -.000365 | -.002688 | -.001232 | -.006971 | -.001826 | .0047484 | -.005976 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000304 | -.000036 | .0004664 | .0001678 | -.000005 | .0001396 | .0218663 |
| Stddev | .0000093 | .000022  | .0010534 | .0001603 | .000022  | .0003918 | .0017419 |
| %RSD   | 30.61216 | 61.71864 | 225.8247 | 95.53881 | 445.2493 | 280.7313 | 7.966088 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000208 | -.000048 | .0004941 | .0003405 | -.000013 | -.000310 | .0206453 |
| #2 | .0000393 | -.000010 | -.000600 | .0001392 | .000020  | .000409  | .0238610 |
| #3 | .0000311 | -.000050 | .001506  | .0000237 | -.000022 | .000320  | .0210926 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000292 | -.005111 | -.000169 | .0007520 | -.057417 | .0008562 | .0000708 |
| Stddev | .000159  | .008201  | .000491  | .0001024 | .004332  | .0006423 | .0004525 |
| %RSD   | 54.36314 | 160.4471 | 291.0070 | 13.62072 | 7.544877 | 75.01172 | 639.2789 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000127 | -.012033 | -.000428 | .0008692 | -.062400 | .0015093 | -.000444 |
| #2 | -.000445 | -.007248 | .000398  | .0007071 | -.054542 | .0008340 | .000407  |
| #3 | -.000305 | .003946  | -.000477 | .0006797 | -.055309 | .0002254 | .000249  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.163211 | -.006410 | -.000030 | -.000306 | .0007255 | -.051690 | -.006196 |
| Stddev | .008231  | .000564  | .000062  | .000490  | .0004421 | .004660  | .000943  |
| %RSD   | 5.043220 | 8.799810 | 207.9564 | 159.9034 | 60.94076 | 9.016283 | 15.21440 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.172395 | -.006292 | -.000007 | -.000691 | .0002245 | -.048285 | -.005933 |
| #2 | -.156498 | -.005915 | .000018  | .000245  | .0008908 | -.057001 | -.005412 |
| #3 | -.160740 | -.007025 | -.000099 | -.000473 | .0010610 | -.049783 | -.007242 |

Sample Name: PB167038BL      Acquired: 3/12/2025 11:55:05      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.009127 | -.004628 | -.000048 |
| Stddev | .002991  | .000239  | .000012  |
| %RSD   | 32.77519 | 5.173747 | 24.95978 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.008345 | -.004390 | -.000041 |
| #2 | -.012431 | -.004627 | -.000061 |
| #3 | -.006603 | -.004869 | -.000040 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3376.256 | 76615.47 | 14498.87 | 2225.130 | 4908.782 |
| Stddev    | 6.120    | 304.22   | 52.10    | 12.656   | 7.239    |
| %RSD      | .1812675 | .3970750 | .3593134 | .5687691 | .1474729 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3380.611 | 76707.85 | 14445.33 | 2218.568 | 4916.079 |
| #2 | 3369.259 | 76862.78 | 14501.88 | 2239.719 | 4901.602 |
| #3 | 3378.898 | 76275.76 | 14549.40 | 2217.102 | 4908.665 |

Sample Name: PB167038BS      Acquired: 3/12/2025 11:59:25      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7930344 | 1.932349 | .9505510 | 1.917055 | .7972995 | 2.032594 |
| Stddev | .0016833 | .008295  | .0020575 | .011494  | .0036545 | .000831  |
| %RSD   | .2122579 | .4292552 | .2164573 | .5995504 | .4583577 | .0408747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7935964 | 1.924386 | .9501373 | 1.912882 | .7939212 | 2.033195 |
| #2 | .7911421 | 1.931721 | .9487317 | 1.908230 | .7967990 | 2.032941 |
| #3 | .7943649 | 1.940940 | .9527839 | 1.930052 | .8011785 | 2.031646 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1721208 | .1853853 | .1847678 | 1.026402 | .4171125 | .1886750 |
| Stddev | .0005955 | .0005231 | .0005551 | .011337  | .0021609 | .0006256 |
| %RSD   | .3459577 | .2821765 | .3004356 | 1.104565 | .5180661 | .3315669 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1720934 | .1859806 | .1844519 | 1.039396 | .4167237 | .1883245 |
| #2 | .1715396 | .1851759 | .1844428 | 1.018527 | .4151724 | .1883032 |
| #3 | .1727295 | .1849992 | .1854088 | 1.021282 | .4194414 | .1893972 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3046700 | 2.896225 | .1847016 | 1.839498 | .4696946 | .0757565 |
| Stddev | .0012689 | .021705  | .0006768 | .014745  | .0012968 | .0000386 |
| %RSD   | .4164733 | .7494093 | .3664387 | .8015998 | .2760898 | .0509558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3041196 | 2.892854 | .1839646 | 1.838790 | .4691320 | .0757360 |
| #2 | .3037692 | 2.876404 | .1848451 | 1.825120 | .4687742 | .0757324 |
| #3 | .3061211 | 2.919418 | .1852952 | 1.854586 | .4711777 | .0758010 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.042405 | .2825828 | .2104607 | 9.261050 | .2628815 | .4054361 |
| Stddev | .038628  | .0014186 | .0013422 | .085859  | .0013438 | .0015278 |
| %RSD   | 1.269664 | .5020026 | .6377688 | .9270967 | .5111684 | .3768209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.002995 | .2813374 | .2094249 | 9.219285 | .2643679 | .4039071 |
| #2 | 3.044019 | .2841269 | .2099801 | 9.204065 | .2625236 | .4054385 |
| #3 | 3.080201 | .2822840 | .2119771 | 9.359801 | .2617528 | .4069626 |

Sample Name: PB167038BS      Acquired: 3/12/2025 11:59:25      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6746370 | .1837968 | .7801640 | 5.372749 | F -.013812 | .1843153 |
| Stddev | .0029580 | .0002709 | .0014982 | .021254  | .001551    | .0007547 |
| %RSD   | .4384658 | .1473673 | .1920411 | .3955917 | 11.22852   | .4094347 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6721667 | .1835017 | .7809848 | 5.357164 | -.013900 | .1837774 |
| #2 | .6738294 | .1838547 | .7810724 | 5.364123 | -.015317 | .1851780 |
| #3 | .6779150 | .1840340 | .7784347 | 5.396960 | -.012219 | .1839907 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1843976 |
| Stddev | .0004031 |
| %RSD   | .2185930 |

|    |          |
|----|----------|
| #1 | .1839433 |
| #2 | .1845371 |
| #3 | .1847124 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3320.270 | 74015.73 | 14653.70 | 2155.312 | 4743.232 |
| Stddev    | 11.217   | 208.00   | 28.68    | 9.391    | 16.007   |
| %RSD      | .3378359 | .2810160 | .1957035 | .4357025 | .3374704 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3325.292 | 74130.64 | 14624.99 | 2163.248 | 4753.620 |
| #2 | 3328.098 | 74140.91 | 14653.78 | 2157.744 | 4751.278 |
| #3 | 3307.419 | 73775.63 | 14682.34 | 2144.945 | 4724.799 |

Sample Name: PB167024BL      Acquired: 3/12/2025 12:03:27      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0007086 | -.000970 | -.000486 | -.006202 | -.001141 | .0065622 | -.007259 |
| Stddev | .0005919 | .000164  | .001091  | .001896  | .001320  | .0019330 | .000632  |
| %RSD   | 83.52941 | 16.86505 | 224.5492 | 30.57703 | 115.6518 | 29.45678 | 8.708553 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001742 | -.001157 | -.000716 | -.007473 | -.001313 | .0053318 | -.007659 |
| #2 | .0006067 | -.000901 | -.001442 | -.004022 | .000256  | .0087902 | -.006530 |
| #3 | .0013448 | -.000853 | .000702  | -.007111 | -.002367 | .0055646 | -.007588 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000313 | -.000016 | -.000835 | .0000238 | .0000455 | .0002385 | -.001246 |
| Stddev | .0000378 | .000060  | .007350  | .0002660 | .0003982 | .0000844 | .003656  |
| %RSD   | 120.5082 | 362.5546 | 880.6884 | 1118.252 | 874.6234 | 35.37318 | 293.5007 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000142 | .000046  | .001570  | .0002511 | .0002268 | .0003309 | .002954  |
| #2 | .0000052 | -.000022 | -.009085 | -.000269 | -.000411 | .0001656 | -.003725 |
| #3 | .0000746 | -.000073 | .005011  | .000089  | .000321  | .0002189 | -.002966 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000635 | -.000647 | -.000315 | .0008736 | -.057029 | .0016966 | -.000017 |
| Stddev | .000222  | .003583  | .000247  | .0001849 | .009939  | .0003656 | .000084  |
| %RSD   | 34.98439 | 553.5991 | 78.52166 | 21.16190 | 17.42742 | 21.54943 | 506.8854 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000453 | .000783  | -.000432 | .0006707 | -.057411 | .0020800 | -.000042 |
| #2 | -.000571 | .001999  | -.000482 | .0010325 | -.066772 | .0016580 | -.000085 |
| #3 | -.000883 | -.004724 | -.000031 | .0009175 | -.046905 | .0013518 | .000077  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.171959 | -.006960 | -.000046 | -.000116 | .0006043 | -.053636 | -.005644 |
| Stddev | .030507  | .000735  | .000104  | .000169  | .0002610 | .003951  | .001015  |
| %RSD   | 17.74096 | 10.56625 | 227.2674 | 145.9280 | 43.19182 | 7.366637 | 17.97929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.204091 | -.007627 | -.000100 | .000074  | .0006483 | -.053225 | -.006633 |
| #2 | -.143390 | -.007083 | .000074  | -.000250 | .0008406 | -.049906 | -.004605 |
| #3 | -.168395 | -.006171 | -.000111 | -.000170 | .0003241 | -.057777 | -.005694 |

Sample Name: PB167024BL      Acquired: 3/12/2025 12:03:27      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.008729 | -.005405 | -.000062 |
| Stddev | .000928  | .000796  | .000021  |
| %RSD   | 10.63039 | 14.73158 | 33.63237 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.008150 | -.005125 | -.000038 |
| #2 | -.008238 | -.004786 | -.000069 |
| #3 | -.009799 | -.006303 | -.000078 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3392.810 | 74650.20 | 14649.88 | 2162.476 | 4943.815 |
| Stddev    | 128.618  | 241.50   | 54.76    | 5.496    | 197.717  |
| %RSD      | 3.790904 | .3235138 | .3737634 | .2541338 | 3.999277 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3322.906 | 74419.86 | 14711.32 | 2156.131 | 4836.966 |
| #2 | 3314.281 | 74901.50 | 14606.22 | 2165.711 | 4822.513 |
| #3 | 3541.241 | 74629.24 | 14632.11 | 2165.586 | 5171.967 |

Sample Name: PB167024BS      Acquired: 3/12/2025 12:07:47      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8163786 | 1.987846 | .9682583 | 1.971099 | .8174182 | 2.019176 |
| Stddev | .0044910 | .026808  | .0069968 | .010788  | .0022507 | .005794  |
| %RSD   | .5501116 | 1.348592 | .7226161 | .5472892 | .2753401 | .2869620 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8114299 | 1.976889 | .9697586 | 1.972359 | .8174292 | 2.019305 |
| #2 | .8175105 | 1.968252 | .9606331 | 1.959737 | .8151620 | 2.024904 |
| #3 | .8201953 | 2.018397 | .9743833 | 1.981201 | .8196634 | 2.013318 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1712682 | .1879312 | .1889368 | .9668149 | .4215878 | .1922111 |
| Stddev | .0013330 | .0008220 | .0007038 | .0038326 | .0014605 | .0011085 |
| %RSD   | .7783378 | .4374022 | .3724853 | .3964148 | .3464266 | .5767057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1722680 | .1872641 | .1886601 | .9684042 | .4200876 | .1915786 |
| #2 | .1717818 | .1888495 | .1884134 | .9624434 | .4216706 | .1915636 |
| #3 | .1697547 | .1876800 | .1897368 | .9695972 | .4230051 | .1934910 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3116252 | 2.849663 | .1842085 | 1.818969 | .4782306 | .0751718 |
| Stddev | .0008009 | .023376  | .0003939 | .024162  | .0021602 | .0001970 |
| %RSD   | .2570212 | .8203073 | .2138414 | 1.328312 | .4517011 | .2620455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3116903 | 2.859433 | .1846620 | 1.839679 | .4779232 | .0753698 |
| #2 | .3107936 | 2.822986 | .1839522 | 1.824803 | .4762406 | .0751698 |
| #3 | .3123916 | 2.866568 | .1840111 | 1.792425 | .4805280 | .0749758 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.030907 | .2842163 | .2081305 | 9.114790 | .2682407 | .4111331 |
| Stddev | .015169  | .0030354 | .0005338 | .053025  | .0020563 | .0017935 |
| %RSD   | .5004834 | 1.067972 | .2564938 | .5817455 | .7665864 | .4362409 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.045182 | .2870538 | .2081196 | 9.111514 | .2661131 | .4115000 |
| #2 | 3.014979 | .2845793 | .2086697 | 9.063479 | .2702173 | .4091845 |
| #3 | 3.032562 | .2810157 | .2076022 | 9.169377 | .2683917 | .4127148 |



Sample Name: PB167024BS      Acquired: 3/12/2025 12:07:47      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6915435 | .1843091 | .7609704 | 5.522597 | F -.014091 | .1854955 |
| Stddev | .0019816 | .0013923 | .0052816 | .031881  | .002820    | .0003850 |
| %RSD   | .2865464 | .7553889 | .6940593 | .5772816 | 20.01347   | .2075543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6924719 | .1837872 | .7665045 | 5.510517 | -.011710 | .1858377 |
| #2 | .6892682 | .1858869 | .7559840 | 5.498522 | -.013358 | .1850786 |
| #3 | .6928905 | .1832533 | .7604227 | 5.558753 | -.017205 | .1855701 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1847422 |
| Stddev | .0004137 |
| %RSD   | .2239184 |

|    |          |
|----|----------|
| #1 | .1848959 |
| #2 | .1850570 |
| #3 | .1842737 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3277.217 | 75055.74 | 14590.97 | 2180.111 | 4661.728 |
| Stddev    | 8.691    | 213.31   | 28.37    | 6.958    | 18.140   |
| %RSD      | .2652071 | .2842011 | .1944031 | .3191357 | .3891279 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3283.207 | 74954.03 | 14611.68 | 2174.380 | 4669.737 |
| #2 | 3281.195 | 75300.87 | 14558.64 | 2178.100 | 4674.486 |
| #3 | 3267.248 | 74912.32 | 14602.60 | 2187.852 | 4640.962 |

Sample Name: PB167100BL      Acquired: 3/12/2025 12:11:49      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0001089 | -.002177 | .0002770 | -.006721 | -.002114 | .0081696 | -.005900 |
| Stddev | .0009644 | .000311  | .0005772 | .002320  | .000941  | .0012440 | .000554  |
| %RSD   | 885.3719 | 14.29837 | 208.3236 | 34.52269 | 44.54044 | 15.22700 | 9.394642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000810 | -.001856 | -.000074 | -.004095 | -.001722 | .0082889 | -.006012 |
| #2 | .001113  | -.002197 | .000943  | -.008493 | -.001432 | .0093496 | -.005298 |
| #3 | .000023  | -.002477 | -.000038 | -.007576 | -.003188 | .0068702 | -.006389 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000078 | .0000649 | -.001649 | -.000088 | -.000010 | -.000271 | .0058615 |
| Stddev | .0000240 | .0000393 | .003363  | .000246  | .000149  | .000197  | .0021733 |
| %RSD   | 306.5081 | 60.51191 | 203.9252 | 279.4599 | 1554.111 | 72.46908 | 37.07713 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000014 | .0000330 | -.001552 | -.000077 | .000162  | -.000462 | .0060252 |
| #2 | .000004  | .0000528 | -.005060 | .000152  | -.000081 | -.000069 | .0079483 |
| #3 | .000034  | .0001088 | .001664  | -.000339 | -.000110 | -.000282 | .0036110 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000639 | .0189005 | -.000121 | .0008462 | -.046615 | .0011306 | .0002336 |
| Stddev | .000339  | .0064720 | .000209  | .0003371 | .003112  | .0018082 | .0001569 |
| %RSD   | 53.05246 | 34.24224 | 172.5441 | 39.83745 | 6.675444 | 159.9287 | 67.18815 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000810 | .0127320 | .000014  | .0009167 | -.047979 | .0020101 | .0002859 |
| #2 | -.000859 | .0256383 | -.000362 | .0004794 | -.048811 | -.000949 | .0000572 |
| #3 | -.000249 | .0183313 | -.000015 | .0011424 | -.043054 | .002331  | .0003577 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.149983 | -.007482 | .0000222 | -.000462 | .0005208 | -.050137 | -.003963 |
| Stddev | .016268  | .000333  | .0003122 | .000727  | .0006726 | .000238  | .001011  |
| %RSD   | 10.84666 | 4.447022 | 1403.065 | 157.3396 | 129.1630 | .4738515 | 25.51313 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.155268 | -.007706 | .0003528 | .000236  | .0012022 | -.050315 | -.004601 |
| #2 | -.162952 | -.007641 | -.000267 | -.001216 | -.000143 | -.050228 | -.002797 |
| #3 | -.131730 | -.007100 | -.000019 | -.000408 | .000503  | -.049867 | -.004491 |

Sample Name: PB167100BL      Acquired: 3/12/2025 12:11:49      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.006086 | -.005631 | -.000049 |
| Stddev | .003086  | .000545  | .000028  |
| %RSD   | 50.70566 | 9.686152 | 57.60781 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.009341 | -.005117 | -.000021 |
| #2 | -.003202 | -.006204 | -.000078 |
| #3 | -.005716 | -.005573 | -.000048 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3381.540 | 75469.00 | 14822.51 | 2231.045 | 4934.275 |
| Stddev    | .320     | 115.44   | 42.84    | 3.305    | 3.958    |
| %RSD      | .0094632 | .1529624 | .2890018 | .1481418 | .0802108 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3381.623 | 75337.31 | 14818.11 | 2227.229 | 4929.711 |
| #2 | 3381.810 | 75516.95 | 14782.03 | 2232.876 | 4936.764 |
| #3 | 3381.186 | 75552.74 | 14867.37 | 2233.029 | 4936.350 |

Sample Name: PB167100BS      Acquired: 3/12/2025 12:16:09      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8139288 | 2.041022 | .9656800 | 1.959344 | .8102365 | 1.933682 |
| Stddev | .0037236 | .012763  | .0050319 | .017166  | .0079924 | .001231  |
| %RSD   | .4574801 | .6253236 | .5210698 | .8761274 | .9864268 | .0636507 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8097520 | 2.026316 | .9609892 | 1.940084 | .8010077 | 1.932369 |
| #2 | .8169008 | 2.047539 | .9650562 | 1.973034 | .8148334 | 1.934810 |
| #3 | .8151337 | 2.049211 | .9709948 | 1.964914 | .8148683 | 1.933869 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1759747 | .1856637 | .1886728 | .9699093 | .4158661 | .1920389 |
| Stddev | .0010895 | .0003637 | .0008532 | .0044865 | .0014545 | .0005855 |
| %RSD   | .6191226 | .1959086 | .4522093 | .4625641 | .3497449 | .3048957 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1753088 | .1860115 | .1879754 | .9712022 | .4142614 | .1915620 |
| #2 | .1772320 | .1852859 | .1884189 | .9736073 | .4162395 | .1918623 |
| #3 | .1753832 | .1856938 | .1896241 | .9649184 | .4170975 | .1926924 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3117894 | 2.919648 | .1854806 | 1.844615 | .4788293 | .0758773 |
| Stddev | .0015521 | .013342  | .0008426 | .014377  | .0011808 | .0002074 |
| %RSD   | .4978049 | .4569851 | .4543018 | .7793980 | .2466023 | .2733531 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3100004 | 2.920311 | .1845102 | 1.860209 | .4778570 | .0760159 |
| #2 | .3125908 | 2.905986 | .1860277 | 1.831888 | .4784878 | .0756388 |
| #3 | .3127769 | 2.932646 | .1859038 | 1.841748 | .4801433 | .0759771 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.011748 | .2833805 | .2039260 | 9.401898 | .2627073 | .4092558 |
| Stddev | .030345  | .0017492 | .0001893 | .048983  | .0014512 | .0020092 |
| %RSD   | 1.007567 | .6172782 | .0928080 | .5209856 | .5523862 | .4909435 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.978334 | .2828896 | .2038365 | 9.349829 | .2643791 | .4069372 |
| #2 | 3.019319 | .2853228 | .2037980 | 9.447061 | .2617738 | .4104856 |
| #3 | 3.037591 | .2819292 | .2041434 | 9.408805 | .2619688 | .4103446 |

Sample Name: PB167100BS      Acquired: 3/12/2025 12:16:09      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6862001 | .1849005 | F .7687722 | 5.534785 | F -.013931 | .1866749 |
| Stddev | .0034984 | .0005706 | .0055466   | .019299  | .003464    | .0003291 |
| %RSD   | .5098164 | .3085935 | .7214930   | .3486804 | 24.86257   | .1762961 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6824995 | .1847865 | .7646396 | 5.513071 | -.017313 | .1864638 |
| #2 | .6866475 | .1855195 | .7750760 | 5.541305 | -.010391 | .1865069 |
| #3 | .6894532 | .1843956 | .7666009 | 5.549979 | -.014089 | .1870541 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1865059 |
| Stddev | .0004388 |
| %RSD   | .2352537 |

|    |          |
|----|----------|
| #1 | .1861999 |
| #2 | .1870085 |
| #3 | .1863091 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3276.500 | 74677.65 | 14791.73 | 2194.860 | 4649.362 |
| Stddev    | 15.424   | 184.68   | 22.93    | 9.609    | 19.574   |
| %RSD      | .4707396 | .2473030 | .1550456 | .4378147 | .4210070 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3293.620 | 74834.14 | 14767.22 | 2200.500 | 4664.170 |
| #2 | 3272.194 | 74724.87 | 14812.66 | 2200.315 | 4656.745 |
| #3 | 3263.687 | 74473.95 | 14795.31 | 2183.764 | 4627.170 |

Sample Name: CCV02      Acquired: 3/12/2025 12:20:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.147470 | 5.229271 | 5.009847 | 5.183221 | 5.234664 | 10.14425 | 9.178384 |
| Stddev | .019388  | .025472  | .012562  | .012095  | .019954  | .01769   | .083118  |
| %RSD   | .3766416 | .4870987 | .2507536 | .2333544 | .3811931 | .1743418 | .9055873 |
| #1     | 5.130596 | 5.225052 | 5.002774 | 5.173286 | 5.221257 | 10.15602 | 9.094924 |
| #2     | 5.143165 | 5.206172 | 5.002415 | 5.179687 | 5.225140 | 10.15281 | 9.261156 |
| #3     | 5.168648 | 5.256589 | 5.024351 | 5.196689 | 5.257596 | 10.12391 | 9.179070 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2453522 | 2.479648 | 23.77916 | 1.070981 | 2.469946 | 1.276717 | 4.889016 |
| Stddev | .0017367 | .007996  | .05943   | .001143  | .007441  | .003659  | .018172  |
| %RSD   | .7078552 | .3224704 | .2499354 | .1066942 | .3012433 | .2865909 | .3716818 |
| #1     | .2454472 | 2.476398 | 23.81199 | 1.069787 | 2.465676 | 1.273342 | 4.905215 |
| #2     | .2470396 | 2.473788 | 23.81494 | 1.072065 | 2.465625 | 1.276205 | 4.869367 |
| #3     | .2435700 | 2.488757 | 23.71055 | 1.071091 | 2.478538 | 1.280606 | 4.892465 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.323050 | 23.86934 | 2.458288 | 1.282168 | 26.85309 | 2.433731 | 2.603233 |
| Stddev | .008876  | .02318   | .006338  | .002907  | .15973   | .007010  | .002513  |
| %RSD   | .3820906 | .0971273 | .2578305 | .2267444 | .5948381 | .2880354 | .0965276 |
| #1     | 2.327382 | 23.87401 | 2.456052 | 1.279169 | 26.88369 | 2.436808 | 2.602758 |
| #2     | 2.328929 | 23.88984 | 2.453371 | 1.282361 | 26.68028 | 2.438677 | 2.600992 |
| #3     | 2.312840 | 23.84418 | 2.465441 | 1.284974 | 26.99532 | 2.425709 | 2.605950 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.67712 | 4.888971 | 5.167458 | 5.125917 | 4.771747 | 5.130513 | 4.970545 |
| Stddev | .16270   | .030251  | .019650  | .017479  | .015540  | .050065  | .013274  |
| %RSD   | .6593000 | .6187497 | .3802555 | .3409842 | .3256732 | .9758377 | .2670557 |
| #1     | 24.72237 | 4.883427 | 5.155189 | 5.116188 | 4.783486 | 5.089246 | 4.967680 |
| #2     | 24.49659 | 4.921610 | 5.157062 | 5.115469 | 4.777631 | 5.116083 | 4.958937 |
| #3     | 24.81241 | 4.861876 | 5.190121 | 5.146095 | 4.754124 | 5.186208 | 4.985018 |

Sample Name: CCV02      Acquired: 3/12/2025 12:20:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.896776 | 4.759937 | 4.783456 |
| Stddev | .014339  | .015517  | .008874  |
| %RSD   | .2928264 | .3259981 | .1855156 |
| #1     | 4.884811 | 4.776030 | 4.791139 |
| #2     | 4.892848 | 4.758712 | 4.785486 |
| #3     | 4.912670 | 4.745068 | 4.773743 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3200.253 | 70919.11 | 14005.53 | 2062.144 | 4321.243 |
| Stddev    | 10.666   | 165.52   | 66.36    | 5.629    | 11.305   |
| %RSD      | .3332752 | .2333947 | .4738417 | .2729503 | .2616068 |
| #1        | 3207.618 | 70929.71 | 13989.31 | 2066.489 | 4329.288 |
| #2        | 3205.120 | 71079.08 | 13948.77 | 2064.158 | 4326.124 |
| #3        | 3188.022 | 70748.55 | 14078.50 | 2055.786 | 4308.318 |

Sample Name: CCB02      Acquired: 3/12/2025 12:24:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0003676 | -.000587 | .0002223 | -.007239 | -.001966 | .0039951 | -.006779 |
| Stddev | .0020547 | .000917  | .0004934 | .000885  | .000479  | .0015771 | .001247  |
| %RSD   | 558.9470 | 156.1728 | 221.9697 | 12.21982 | 24.33960 | 39.47659 | 18.39309 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000847 | -.000736 | -.000219 | -.006228 | -.001476 | .0058148 | -.008183 |
| #2 | -.000790 | .000395  | .000130  | -.007623 | -.001990 | .0031477 | -.005801 |
| #3 | .002740  | -.001422 | .000755  | -.007867 | -.002432 | .0030228 | -.006354 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000312 | .0000112 | .0057545 | -.000159 | .0000285 | .0002112 | -.004860 |
| Stddev | .0000548 | .0000436 | .0015646 | .000238  | .0001602 | .0002299 | .001741  |
| %RSD   | 175.7313 | 389.2623 | 27.18849 | 149.6689 | 562.5759 | 108.8641 | 35.82754 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000446 | -.000014 | .0067600 | -.000122 | .0001779 | -.000047 | -.002852 |
| #2 | -.000029 | -.000013 | .0065517 | .000058  | .0000483 | .000286  | -.005783 |
| #3 | .000078  | .000062  | .0039519 | -.000413 | -.000141 | .000394  | -.005946 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000465 | -.000530 | -.000043 | .0006742 | -.046376 | .0004442 | .0001435 |
| Stddev | .000108  | .009061  | .000151  | .0000823 | .005136  | .0011293 | .0002988 |
| %RSD   | 23.22549 | 1711.168 | 347.9497 | 12.20979 | 11.07503 | 254.2191 | 208.2334 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000345 | .009913  | -.000168 | .0005934 | -.052078 | .0013773 | -.000053 |
| #2 | -.000554 | -.006311 | -.000086 | .0007579 | -.044938 | .0007665 | .000487  |
| #3 | -.000496 | -.005190 | .000124  | .0006713 | -.042113 | -.000811 | -.000004 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.130265 | .0036471 | .0002093 | -.000220 | .0009159 | -.044504 | -.003428 |
| Stddev | .011287  | .0010222 | .0000738 | .000318  | .0010622 | .002351  | .001054  |
| %RSD   | 8.664762 | 28.02701 | 35.27404 | 144.5331 | 115.9655 | 5.282040 | 30.75426 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.130019 | .0047404 | .0001443 | -.000148 | -.000307 | -.046952 | -.004584 |
| #2 | -.141674 | .0034856 | .0001940 | .000056  | .001610  | -.044296 | -.003181 |
| #3 | -.119104 | .0027153 | .0002896 | -.000568 | .001445  | -.042264 | -.002519 |



Sample Name: CCB02      Acquired: 3/12/2025 12:24:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.007591 | -.003828 | .0000680 |
| Stddev | .000233  | .000599  | .0000124 |
| %RSD   | 3.065980 | 15.65117 | 18.25388 |
| #1     | -.007515 | -.004518 | .0000577 |
| #2     | -.007405 | -.003438 | .0000646 |
| #3     | -.007852 | -.003529 | .0000818 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3327.320 | 74517.09 | 14735.01 | 2139.400 | 4855.765 |
| Stddev    | 2.833    | 113.23   | 57.77    | 3.077    | 4.095    |
| %RSD      | .0851305 | .1519493 | .3920461 | .1438202 | .0843381 |
| #1        | 3330.576 | 74640.51 | 14740.47 | 2138.653 | 4858.609 |
| #2        | 3325.962 | 74418.01 | 14789.85 | 2136.765 | 4851.072 |
| #3        | 3325.423 | 74492.76 | 14674.70 | 2142.782 | 4857.616 |

Sample Name: PB166977BL      Acquired: 3/12/2025 12:28:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0011590 | -.001668 | -.000124 | -.008628 | -.001475 | .0118674 | -.004121 |
| Stddev | .0009156 | .000226  | .000257  | .001639  | .001069  | .0008887 | .000951  |
| %RSD   | 79.00561 | 13.54238 | 206.9739 | 18.99069 | 72.50314 | 7.488343 | 23.07508 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009903 | -.001878 | .000071  | -.009890 | -.002631 | .0109050 | -.005213 |
| #2 | .0021472 | -.001429 | -.000028 | -.009218 | -.000520 | .0120402 | -.003473 |
| #3 | .0003394 | -.001697 | -.000415 | -.006776 | -.001274 | .0126570 | -.003677 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000809 | .0000772 | -.001201 | .0000888 | .0001280 | .0003101 | .0046459 |
| Stddev | .0000015 | .0000694 | .004435  | .0004884 | .0001788 | .0003472 | .0014188 |
| %RSD   | 1.799304 | 89.91012 | 369.2622 | 549.7265 | 139.6633 | 111.9554 | 30.53998 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000802 | .0001015 | -.002371 | .0004109 | .0001159 | .0006254 | .0042082 |
| #2 | .0000799 | .0001312 | .003702  | -.000473 | .0003125 | .0003669 | .0034974 |
| #3 | .0000826 | -.000001 | -.004934 | .000329  | -.000044 | -.000062 | .0062320 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000472 | .0139921 | .0000281 | .0006389 | -.058988 | -.000235 | .0003613 |
| Stddev | .000160  | .0089181 | .0002119 | .0002422 | .001399  | .001001  | .0003669 |
| %RSD   | 33.90515 | 63.73640 | 755.1851 | 37.91186 | 2.372444 | 426.1304 | 101.5305 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000583 | .0107919 | -.000035 | .0007358 | -.059100 | -.000365 | .0000758 |
| #2 | -.000543 | .0240687 | -.000145 | .0008177 | -.060328 | -.001165 | .0007751 |
| #3 | -.000289 | .0071157 | .000264  | .0003633 | -.057535 | .000825  | .0002331 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.143126 | -.002100 | -.000003 | .0004539 | .0009455 | -.047011 | -.002817 |
| Stddev | .010718  | .000563  | .000287  | .0005688 | .0001863 | .006311  | .000509  |
| %RSD   | 7.488782 | 26.80637 | 9046.768 | 125.3051 | 19.70390 | 13.42418 | 18.08552 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.130831 | -.001738 | -.000335 | .0005956 | .0008302 | -.051151 | -.002677 |
| #2 | -.150505 | -.001813 | .000174  | .0009385 | .0008459 | -.050135 | -.002392 |
| #3 | -.148041 | -.002749 | .000151  | -.000172 | .0011604 | -.039748 | -.003382 |

Sample Name: PB166977BL      Acquired: 3/12/2025 12:28:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.007896 | -.003881 | -.000008 |
| Stddev | .001877  | .000759  | .000033  |
| %RSD   | 23.76864 | 19.54590 | 437.3379 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.006193 | -.003063 | -.000032 |
| #2 | -.009908 | -.004561 | -.000021 |
| #3 | -.007587 | -.004020 | .000030  |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3361.611 | 74908.51 | 14975.11 | 2186.335 | 4909.179 |
| Stddev    | 8.134    | 434.82   | 53.85    | 9.986    | 12.608   |
| %RSD      | .2419618 | .5804706 | .3596104 | .4567587 | .2568233 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3355.509 | 75120.83 | 15035.02 | 2194.048 | 4896.979 |
| #2 | 3370.845 | 74408.31 | 14959.60 | 2175.055 | 4922.159 |
| #3 | 3358.478 | 75196.37 | 14930.72 | 2189.902 | 4908.399 |

Sample Name: PB166977BS      Acquired: 3/12/2025 12:33:00      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7887548 | 2.032166 | .9445980 | 1.910604 | .7895351 | 1.957822 |
| Stddev | .0271560 | .059380  | .0337088 | .059052  | .0287141 | .003457  |
| %RSD   | 3.442900 | 2.922024 | 3.568587 | 3.090738 | 3.636835 | .1765581 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8072595 | 2.068075 | .9667790 | 1.946090 | .8055144 | 1.953886 |
| #2 | .7575792 | 1.963626 | .9058076 | 1.842436 | .7563860 | 1.959216 |
| #3 | .8014258 | 2.064799 | .9612075 | 1.943286 | .8067048 | 1.960365 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1754876 | .1913484 | .1842732 | .9721801 | .4213778 | .1882717 |
| Stddev | .0004646 | .0004529 | .0067355 | .0056662 | .0016322 | .0070303 |
| %RSD   | .2647501 | .2366829 | 3.655171 | .5828329 | .3873395 | 3.734136 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1752663 | .1910351 | .1883984 | .9727585 | .4205028 | .1925681 |
| #2 | .1760215 | .1911425 | .1765006 | .9662469 | .4203698 | .1801585 |
| #3 | .1751750 | .1918677 | .1879206 | .9775349 | .4232609 | .1920884 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3044442 | 2.933468 | .1863606 | 1.886984 | .4699095 | .0773136 |
| Stddev | .0109821 | .016873  | .0008904 | .005151  | .0171987 | .0001296 |
| %RSD   | 3.607249 | .5751894 | .4777784 | .2729907 | 3.660002 | .1675928 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3105696 | 2.922730 | .1860538 | 1.892406 | .4803030 | .0774478 |
| #2 | .2917656 | 2.952916 | .1873638 | 1.886391 | .4500575 | .0771892 |
| #3 | .3109975 | 2.924758 | .1856642 | 1.882155 | .4793680 | .0773039 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.057817 | .2874931 | .2093770 | 9.381013 | .2725935 | .4042851 |
| Stddev | .008448  | .0025215 | .0004148 | .045729  | .0012944 | .0142643 |
| %RSD   | .2762672 | .8770558 | .1980914 | .4874657 | .4748599 | 3.528268 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.064897 | .2848197 | .2098288 | 9.418810 | .2711273 | .4129987 |
| #2 | 3.060088 | .2878310 | .2092886 | 9.394047 | .2730749 | .3878236 |
| #3 | 3.048466 | .2898286 | .2090135 | 9.330182 | .2735782 | .4120331 |

Sample Name: PB166977BS      Acquired: 3/12/2025 12:33:00      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6661542 | .1870326 | .7813716 | 5.328256 | F -.014771 | .1885261 |
| Stddev | .0258278 | .0008737 | .0081537 | .196371  | .002496    | .0012769 |
| %RSD   | 3.877158 | .4671503 | 1.043512 | 3.685461 | 16.90010   | .6773255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6832194 | .1861305 | .7816751 | 5.433568 | -.012748 | .1891715 |
| #2 | .6364400 | .1870924 | .7893693 | 5.101693 | -.014005 | .1893515 |
| #3 | .6788032 | .1878749 | .7730704 | 5.449507 | -.017561 | .1870553 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1875561 |
| Stddev | .0002804 |
| %RSD   | .1494845 |

|    |          |
|----|----------|
| #1 | .1878388 |
| #2 | .1875516 |
| #3 | .1872781 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3413.811 | 74393.37 | 14665.96 | 2186.762 | 4874.351 |
| Stddev    | 105.184  | 236.06   | 57.30    | 8.280    | 156.389  |
| %RSD      | 3.081129 | .3173177 | .3907120 | .3786262 | 3.208406 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3349.130 | 74329.41 | 14699.12 | 2185.837 | 4777.724 |
| #2 | 3535.179 | 74654.82 | 14698.95 | 2195.466 | 5054.781 |
| #3 | 3357.124 | 74195.87 | 14599.79 | 2178.985 | 4790.546 |

Sample Name: PB166963BL      Acquired: 3/12/2025 12:37:02      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0022709 | -.001821 | -.000121 | -.007547 | -.001437 | .0034332 | -.005097 |
| Stddev | .0021090 | .001759  | .000240  | .001197  | .000973  | .0033459 | .000900  |
| %RSD   | 92.86965 | 96.59636 | 199.3313 | 15.86709 | 67.70127 | 97.45821 | 17.66571 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000408 | -.003305 | -.000377 | -.006188 | -.002553 | .0072236 | -.004298 |
| #2 | .0025389 | .000122  | .000100  | -.008005 | -.000770 | .0021859 | -.004920 |
| #3 | .0042332 | -.002279 | -.000084 | -.008448 | -.000987 | .0008900 | -.006073 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000198 | .0000023 | -.002455 | -.000099 | -.000116 | .0001766 | .0061132 |
| Stddev | .0000212 | .0001106 | .002913  | .000657  | .000140  | .0002080 | .0019466 |
| %RSD   | 106.7832 | 4885.874 | 118.6414 | 667.1632 | 120.6979 | 117.8095 | 31.84194 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000001 | .0000373 | -.005666 | .000461  | -.000196 | -.000063 | .0077066 |
| #2 | .000041  | -.000122 | .000019  | .000065  | -.000198 | .000282  | .0066894 |
| #3 | .000019  | .000091  | -.001720 | -.000822 | .000046  | .000311  | .0039436 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000337 | .0106143 | -.000169 | .0006981 | -.055377 | .0007405 | -.000003 |
| Stddev | .000181  | .0106798 | .000335  | .0000790 | .002651  | .0008544 | .000377  |
| %RSD   | 53.80246 | 100.6170 | 198.5737 | 11.32169 | 4.786676 | 115.3825 | 12786.08 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000163 | .0149859 | .000195  | .0006151 | -.057958 | -.000114 | -.000017 |
| #2 | -.000324 | .0184146 | -.000464 | .0007725 | -.052662 | .001595  | -.000373 |
| #3 | -.000524 | -.001558 | -.000237 | .0007068 | -.055512 | .000740  | .000381  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.137224 | -.005813 | -.000237 | -.000358 | .0009551 | -.052820 | -.005437 |
| Stddev | .014959  | .000374  | .000139  | .000360  | .0005026 | .006202  | .001291  |
| %RSD   | 10.90114 | 6.426755 | 58.42085 | 100.7336 | 52.61689 | 11.74223 | 23.74975 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.134654 | -.006223 | -.000355 | -.000265 | .0012668 | -.059655 | -.003954 |
| #2 | -.123716 | -.005721 | -.000085 | -.000756 | .0003754 | -.051255 | -.006311 |
| #3 | -.153301 | -.005493 | -.000272 | -.000053 | .0012233 | -.047550 | -.006048 |

Sample Name: PB166963BL      Acquired: 3/12/2025 12:37:02      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.007386 | -.003880 | -.000047 |
| Stddev | .001776  | .000862  | .000033  |
| %RSD   | 24.05086 | 22.23048 | 70.35719 |
| #1     | -.007061 | -.004669 | -.000013 |
| #2     | -.005795 | -.002959 | -.000048 |
| #3     | -.009302 | -.004011 | -.000079 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3353.363 | 75420.37 | 14987.24 | 2200.296 | 4877.948 |
| Stddev    | 10.924   | 133.58   | 34.63    | 14.601   | 15.492   |
| %RSD      | .3257723 | .1771156 | .2310913 | .6635920 | .3175850 |
| #1        | 3365.958 | 75569.47 | 14948.95 | 2198.342 | 4895.615 |
| #2        | 3347.671 | 75311.61 | 14996.40 | 2186.770 | 4871.540 |
| #3        | 3346.461 | 75380.01 | 15016.38 | 2215.776 | 4866.688 |

Sample Name: PB166963BS      Acquired: 3/12/2025 12:41:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8203145 | 2.071613 | .9668928 | 1.980814 | .8243271 | 1.963400 |
| Stddev | .0027441 | .010389  | .0010519 | .005436  | .0034699 | .005162  |
| %RSD   | .3345180 | .5015097 | .1087868 | .2744211 | .4209317 | .2629240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8174111 | 2.069531 | .9659734 | 1.976749 | .8206200 | 1.969195 |
| #2 | .8228652 | 2.082886 | .9666652 | 1.978704 | .8248642 | 1.961715 |
| #3 | .8206671 | 2.062423 | .9680398 | 1.986989 | .8274971 | 1.959292 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1728208 | .1853729 | .1890412 | .9614104 | .4203306 | .1921711 |
| Stddev | .0014272 | .0004701 | .0005571 | .0039950 | .0008004 | .0004773 |
| %RSD   | .8258025 | .2535815 | .2947200 | .4155368 | .1904189 | .2483512 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1715380 | .1854159 | .1884458 | .9568580 | .4203812 | .1916737 |
| #2 | .1743581 | .1848828 | .1891278 | .9643326 | .4195061 | .1922146 |
| #3 | .1725664 | .1858200 | .1895500 | .9630405 | .4211044 | .1926252 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3117466 | 2.924196 | .1825513 | 1.852551 | .4803000 | .0764679 |
| Stddev | .0011793 | .015038  | .0009457 | .039567  | .0001667 | .0004064 |
| %RSD   | .3782770 | .5142596 | .5180652 | 2.135796 | .0346968 | .5314539 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3117462 | 2.912307 | .1816140 | 1.852244 | .4802709 | .0760291 |
| #2 | .3105675 | 2.941101 | .1835053 | 1.813139 | .4804792 | .0765432 |
| #3 | .3129261 | 2.919180 | .1825344 | 1.892271 | .4801498 | .0768313 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.073309 | .2842146 | .2090374 | 9.373162 | .2633121 | .4160038 |
| Stddev | .025520  | .0007160 | .0005483 | .037089  | .0001426 | .0005765 |
| %RSD   | .8303626 | .2519131 | .2623146 | .3956936 | .0541661 | .1385802 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.045765 | .2838381 | .2092508 | 9.343506 | .2633208 | .4153485 |
| #2 | 3.096150 | .2837655 | .2084145 | 9.414748 | .2631653 | .4162299 |
| #3 | 3.078011 | .2850403 | .2094470 | 9.361232 | .2634501 | .4164329 |



Sample Name: PB166963BS      Acquired: 3/12/2025 12:41:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6901050 | .1850228 | .7861539 | 5.459214 | F -.015026 | .1844648 |
| Stddev | .0010674 | .0002564 | .0059790 | .025568  | .000599    | .0005686 |
| %RSD   | .1546749 | .1385932 | .7605445 | .4683374 | 3.989474   | .3082445 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6894580 | .1848596 | .7828353 | 5.430892 | -.015105 | .1840043 |
| #2 | .6895200 | .1853184 | .7930562 | 5.466158 | -.015582 | .1842898 |
| #3 | .6913370 | .1848905 | .7825703 | 5.480593 | -.014391 | .1851004 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1849173 |
| Stddev | .0006807 |
| %RSD   | .3681115 |

|    |          |
|----|----------|
| #1 | .1844443 |
| #2 | .1856975 |
| #3 | .1846102 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3285.735 | 73942.74 | 14880.35 | 2153.964 | 4684.393 |
| Stddev    | 3.707    | 31.96    | 35.38    | 8.107    | 9.047    |
| %RSD      | .1128147 | .0432160 | .2377305 | .3763907 | .1931309 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3289.788 | 73946.34 | 14851.11 | 2149.499 | 4694.797 |
| #2 | 3282.517 | 73972.74 | 14919.67 | 2163.322 | 4680.003 |
| #3 | 3284.899 | 73909.13 | 14870.28 | 2149.070 | 4678.379 |

Sample Name: Q1466-05      Acquired: 3/12/2025 12:49:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.000360 | -.003084 | .0005840 | -.007220 | -.002308 | .0106582 |
| Stddev | .002258  | .001422  | .0011857 | .000854  | .000710  | .0016686 |
| %RSD   | 626.7572 | 46.10692 | 203.0351 | 11.82618 | 30.77671 | 15.65579 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000229 | -.003768 | -.000781 | -.008205 | -.002906 | .0105081 |
| #2 | -.002682 | -.001450 | .001359  | -.006769 | -.002495 | .0123969 |
| #3 | .001829  | -.004035 | .001174  | -.006686 | -.001523 | .0090698 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141114 | .0000746 | .0001235 | 44.07170 | .0003211 | -.000244 |
| Stddev | .0005010 | .0000341 | .0000131 | .19279   | .0002965 | .000290  |
| %RSD   | 3.550602 | 45.63723 | 10.60000 | .4374564 | 92.35082 | 118.5005 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0142697 | .0000356 | .0001362 | 44.28986 | .0001876 | -.000388 |
| #2 | .0135503 | .0000983 | .0001244 | 43.92424 | .0006609 | -.000434 |
| #3 | .0145141 | .0000899 | .0001100 | 44.00099 | .0001148 | .000089  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2016225 | .0301582 | .0030330 | 22.54207 | .0023217 | .0006544 |
| Stddev | .0008064 | .0019189 | .0002073 | .15742   | .0002714 | .0002024 |
| %RSD   | .3999332 | 6.362823 | 6.835733 | .6983270 | 11.69050 | 30.92827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2007364 | .0299570 | .0028459 | 22.72203 | .0022951 | .0006264 |
| #2 | .2023131 | .0283479 | .0032559 | 22.42990 | .0020646 | .0004675 |
| #3 | .2018180 | .0321698 | .0029972 | 22.47429 | .0026055 | .0008694 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.50952 | .0006087 | .0180752 | 1.475249 | -.001412 | .0005083 |
| Stddev | .06765   | .0008633 | .0001694 | .033079  | .000386  | .0000279 |
| %RSD   | .3467598 | 141.8281 | .9373338 | 2.242236 | 27.35359 | 5.483209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 19.47703 | .0011537 | .0181024 | 1.512348 | -.000986 | .0005405 |
| #2 | 19.58728 | -.000387 | .0178939 | 1.464571 | -.001511 | .0004911 |
| #3 | 19.46423 | .001059  | .0182294 | 1.448829 | -.001738 | .0004933 |

Sample Name: Q1466-05      Acquired: 3/12/2025 12:49:41      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -0.001735 | -0.000540 | F 16.05657 | .0272479 | 1.776651 | -0.011012 |
| Stddev | .000412   | .000320   | .05029     | .0007924 | .002422  | .000111   |
| %RSD   | 23.74209  | 59.26168  | .3132171   | 2.908314 | .1363288 | 1.004867  |

|    |           |           |          |          |          |           |
|----|-----------|-----------|----------|----------|----------|-----------|
| #1 | -0.001992 | -0.000570 | 16.07542 | .0276598 | 1.779315 | -0.010894 |
| #2 | -0.001260 | -0.000843 | 16.09471 | .0277496 | 1.774582 | -0.011113 |
| #3 | -0.001955 | -0.000206 | 15.99957 | .0263343 | 1.776057 | -0.011028 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0785429 |
| Stddev | .0001824 |
| %RSD   | .2322542 |

|    |          |
|----|----------|
| #1 | .0787045 |
| #2 | .0783451 |
| #3 | .0785792 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3295.972 | 73617.16 | 15119.22 | 2151.826 | 4624.796 |
| Stddev    | 9.581    | 223.21   | 56.87    | 11.612   | 6.422    |
| %RSD      | .2906852 | .3032044 | .3761562 | .5396136 | .1388548 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3306.855 | 73423.31 | 15057.70 | 2142.019 | 4626.677 |
| #2 | 3292.253 | 73566.98 | 15169.88 | 2148.811 | 4630.068 |
| #3 | 3288.808 | 73861.19 | 15130.08 | 2164.647 | 4617.644 |

Sample Name: Q1466-05DUP      Acquired: 3/12/2025 12:53:55      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.000245 | -.001562 | .0002442 | -.010078 | -.003321 | .0121815 |
| Stddev | .001782  | .001255  | .0011279 | .001219  | .000428  | .0011203 |
| %RSD   | 728.7534 | 80.35303 | 461.8659 | 12.10061 | 12.89711 | 9.196995 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000198 | -.000152 | .0015346 | -.008675 | -.002853 | .0131679 |
| #2 | -.002049 | -.001976 | -.000554 | -.010887 | -.003693 | .0124133 |
| #3 | .001514  | -.002558 | -.000248 | -.010670 | -.003416 | .0109635 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0133744 | .0000579 | .0000729 | 43.96576 | .0004773 | -.000307 |
| Stddev | .0005251 | .0000422 | .0000305 | .12474   | .0002081 | .000172  |
| %RSD   | 3.925912 | 72.80581 | 41.80974 | .2837258 | 43.59401 | 55.95264 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0127757 | .0000240 | .0000927 | 43.88258 | .0007150 | -.000500 |
| #2 | .0137566 | .0001052 | .0000881 | 43.90552 | .0003282 | -.000172 |
| #3 | .0135910 | .0000446 | .0000378 | 44.10919 | .0003887 | -.000249 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2003073 | .0299629 | .0032801 | 22.59649 | .0021182 | .0009533 |
| Stddev | .0004962 | .0012585 | .0001603 | .08049   | .0003912 | .0001823 |
| %RSD   | .2477416 | 4.200315 | 4.886803 | .3562009 | 18.46762 | 19.12436 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2004759 | .0304239 | .0034638 | 22.51167 | .0020625 | .0007742 |
| #2 | .2006972 | .0309260 | .0031689 | 22.60600 | .0025343 | .0009471 |
| #3 | .1997487 | .0285389 | .0032076 | 22.67180 | .0017579 | .0011387 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.98652 | .0011245 | .0181363 | 1.422677 | -.001276 | .0003819 |
| Stddev | .03791   | .0012492 | .0002557 | .006569  | .000450  | .0001856 |
| %RSD   | .1996599 | 111.0864 | 1.409735 | .4617317 | 35.24213 | 48.61115 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 18.94740 | .0000609 | .0178573 | 1.415683 | -.000757 | .0005960 |
| #2 | 18.98909 | .0008125 | .0183594 | 1.423631 | -.001554 | .0002671 |
| #3 | 19.02308 | .0025001 | .0181924 | 1.428716 | -.001517 | .0002824 |

Sample Name: Q1466-05DUP      Acquired: 3/12/2025 12:53:55      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -0.001451 | -0.000085 | F 15.59900 | .0261526 | 1.767195 | -0.010798 |
| Stddev | .000799   | .000282   | .00532     | .0023188 | .005647  | .001000   |
| %RSD   | 55.07504  | 332.2956  | .0341122   | 8.866382 | .3195271 | 9.263585  |

|    |           |           |          |          |          |           |
|----|-----------|-----------|----------|----------|----------|-----------|
| #1 | -0.001438 | -0.000396 | 15.59973 | .0234769 | 1.763169 | -0.009709 |
| #2 | -0.002256 | -0.000013 | 15.59335 | .0275754 | 1.764765 | -0.011675 |
| #3 | -0.000658 | .000155   | 15.60392 | .0274056 | 1.773650 | -0.011011 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0780071 |
| Stddev | .0003597 |
| %RSD   | .4611548 |

|    |          |
|----|----------|
| #1 | .0781293 |
| #2 | .0776022 |
| #3 | .0782899 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3299.575 | 74077.31 | 14778.43 | 2178.050 | 4630.556 |
| Stddev    | 4.221    | 17.00    | 45.86    | 4.331    | 7.946    |
| %RSD      | .1279352 | .0229472 | .3103122 | .1988323 | .1715954 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3301.069 | 74064.62 | 14811.46 | 2176.242 | 4638.343 |
| #2 | 3302.847 | 74096.62 | 14797.77 | 2174.917 | 4630.865 |
| #3 | 3294.810 | 74070.68 | 14726.07 | 2182.992 | 4622.460 |

Sample Name: Q1466-05LX5      Acquired: 3/12/2025 12:58:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.000585 | -.001206 | -.000672 | -.007849 | -.002128 | .0089024 | -.001753 |
| Stddev | .000778  | .000662  | .000357  | .001976  | .000987  | .0043489 | .000302  |
| %RSD   | 133.0810 | 54.88432 | 53.20992 | 25.17074 | 46.36659 | 48.85107 | 17.21361 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000290  | -.000532 | -.000290 | -.007053 | -.001330 | .0074767 | -.001408 |
| #2 | -.001201 | -.001231 | -.000998 | -.010099 | -.001824 | .0054452 | -.001969 |
| #3 | -.000844 | -.001855 | -.000727 | -.006396 | -.003232 | .0137851 | -.001882 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000953 | .0000511 | 9.045013 | -.000311 | -.000221 | .0412776 | .0199898 |
| Stddev | .0000190 | .0000343 | .026528  | .000163  | .000056  | .0003877 | .0022361 |
| %RSD   | 19.94807 | 67.10736 | .2932941 | 52.52599 | 25.26124 | .9391474 | 11.18631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000745 | .0000771 | 9.056190 | -.000498 | -.000165 | .0414690 | .0179854 |
| #2 | .0001117 | .0000639 | 9.014725 | -.000196 | -.000277 | .0408314 | .0224016 |
| #3 | .0000996 | .0000122 | 9.064125 | -.000239 | -.000221 | .0415322 | .0195824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001488 | 4.500082 | .0004145 | .0006423 | 3.884359 | .0002582 | .0036579 |
| Stddev | .0001486 | .028688  | .0001889 | .0001136 | .017105  | .0009443 | .0002334 |
| %RSD   | 99.90811 | .6375069 | 45.57338 | 17.67935 | .4403513 | 365.7446 | 6.379958 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000589 | 4.520988 | .0002827 | .0007251 | 3.865501 | -.000493 | .0038554 |
| #2 | .0003203 | 4.467375 | .0006309 | .0006888 | 3.898873 | .001318  | .0034004 |
| #3 | .0000671 | 4.511882 | .0003299 | .0005128 | 3.888703 | -.000050 | .0037179 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1359972 | -.006725 | -.000056 | -.000253 | .0009691 | 3.168945 | .0020153 |
| Stddev | .0156089 | .000924  | .000337  | .000287  | .0001985 | .007154  | .0017457 |
| %RSD   | 11.47737 | 13.73425 | 603.8805 | 113.4252 | 20.47768 | .2257413 | 86.62421 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1206331 | -.007246 | -.000089 | -.000497 | .0010295 | 3.161635 | .0035784 |
| #2 | .1518399 | -.007271 | -.000375 | .000063  | .0011304 | 3.169270 | .0023360 |
| #3 | .1355186 | -.005659 | .000296  | -.000325 | .0007475 | 3.175931 | .0001314 |

Sample Name: Q1466-05LX5      Acquired: 3/12/2025 12:58:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .3412155 | -.005678 | .0161796 |
| Stddev | .0027337 | .000403  | .0000488 |
| %RSD   | .8011740 | 7.100181 | .3013893 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .3384952 | -.005444 | .0161741 |
| #2 | .3411886 | -.006143 | .0162309 |
| #3 | .3439625 | -.005446 | .0161339 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3285.568 | 73909.22 | 15256.93 | 2144.277 | 4720.425 |
| Stddev    | 10.693   | 97.13    | 64.59    | 6.060    | 10.606   |
| %RSD      | .3254607 | .1314120 | .4233743 | .2826252 | .2246735 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3285.954 | 73798.17 | 15213.88 | 2149.142 | 4726.486 |
| #2 | 3296.063 | 73978.36 | 15331.20 | 2137.488 | 4726.611 |
| #3 | 3274.687 | 73951.12 | 15225.71 | 2146.200 | 4708.179 |

Sample Name: Q1466-05MS      Acquired: 3/12/2025 13:02:28      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8331447 | 2.023659 | .9520777 | 1.989929 | .8498134 | 1.947745 |
| Stddev | .0058096 | .011440  | .0017219 | .012218  | .0059999 | .001921  |
| %RSD   | .6973095 | .5653016 | .1808526 | .6139767 | .7060193 | .0986121 |
| #1     | .8287480 | 2.036502 | .9539258 | 1.991957 | .8506720 | 1.949642 |
| #2     | .8309553 | 2.014560 | .9505187 | 1.976824 | .8434305 | 1.947792 |
| #3     | .8397309 | 2.019916 | .9517888 | 2.001006 | .8553377 | 1.945801 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1893113 | .1854511 | .1885129 | 45.07709 | .4160950 | .1894514 |
| Stddev | .0003322 | .0013028 | .0005716 | .14810   | .0012759 | .0007793 |
| %RSD   | .1754792 | .7025069 | .3032229 | .3285443 | .3066462 | .4113282 |
| #1     | .1895085 | .1839753 | .1888409 | 45.00246 | .4172445 | .1897051 |
| #2     | .1894976 | .1864417 | .1878528 | 45.24766 | .4147221 | .1885769 |
| #3     | .1889277 | .1859362 | .1888449 | 44.98116 | .4163184 | .1900722 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5044931 | 2.920439 | .1789957 | 24.27016 | .4751581 | .0762577 |
| Stddev | .0021334 | .012429  | .0005380 | .12109   | .0015466 | .0008722 |
| %RSD   | .4228762 | .4255813 | .3005549 | .4989458 | .3254818 | 1.143758 |
| #1     | .5036823 | 2.929938 | .1784082 | 24.15885 | .4758755 | .0758262 |
| #2     | .5028840 | 2.925007 | .1794642 | 24.39911 | .4733831 | .0772616 |
| #3     | .5069130 | 2.906373 | .1791147 | 24.25253 | .4762156 | .0756854 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.71801 | .2805778 | .2262438 | 11.39768 | .2595651 | .4226416 |
| Stddev | .13894   | .0016219 | .0011100 | .05689   | .0027617 | .0026255 |
| %RSD   | .6115699 | .5780632 | .4906102 | .4991556 | 1.063976 | .6212086 |
| #1     | 22.87816 | .2788015 | .2272097 | 11.45551 | .2564465 | .4225379 |
| #2     | 22.64609 | .2819799 | .2250313 | 11.39575 | .2617013 | .4200696 |
| #3     | 22.62977 | .2809519 | .2264904 | 11.34177 | .2605475 | .4253175 |



Sample Name: Q1466-05MS      Acquired: 3/12/2025 13:02:28      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7054441 | .1862184 | F 16.85246 | 5.639713 | 1.768791 | .1776116 |
| Stddev | .0017484 | .0015390 | .07540     | .018492  | .005954  | .0007796 |
| %RSD   | .2478408 | .8264254 | .4473964   | .3278808 | .3366290 | .4389564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7074447 | .1869407 | 16.93384 | 5.656376 | 1.772082 | .1779244 |
| #2 | .7042094 | .1872633 | 16.83854 | 5.619818 | 1.761918 | .1781863 |
| #3 | .7046781 | .1844511 | 16.78499 | 5.642944 | 1.772373 | .1767242 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2622325 |
| Stddev | .0008506 |
| %RSD   | .3243713 |

|    |          |
|----|----------|
| #1 | .2626169 |
| #2 | .2628231 |
| #3 | .2612576 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3218.229 | 73784.04 | 15030.26 | 2122.074 | 4497.615 |
| Stddev    | 16.913   | 107.51   | 97.74    | 3.724    | 14.497   |
| %RSD      | .5255384 | .1457134 | .6502759 | .1754908 | .3223268 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3225.530 | 73855.20 | 15142.54 | 2117.910 | 4501.834 |
| #2 | 3230.266 | 73836.57 | 14964.18 | 2125.085 | 4509.535 |
| #3 | 3198.892 | 73660.37 | 14984.08 | 2123.227 | 4481.477 |

Sample Name: Q1466-05MSD      Acquired: 3/12/2025 13:06:29      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8291369 | 1.988016 | .9493105 | 1.975950 | .8411123 | 1.923451 |
| Stddev | .0038512 | .023940  | .0006156 | .002294  | .0003654 | .003760  |
| %RSD   | .4644877 | 1.204208 | .0648487 | .1161004 | .0434439 | .1954874 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8314382 | 2.009593 | .9493495 | 1.973642 | .8409803 | 1.919616 |
| #2 | .8312818 | 1.992192 | .9499056 | 1.978230 | .8415254 | 1.927132 |
| #3 | .8246908 | 1.962263 | .9486763 | 1.975979 | .8408312 | 1.923607 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1891658 | .1823693 | .1887644 | 44.80322 | .4109363 | .1885991 |
| Stddev | .0012808 | .0003997 | .0004561 | .10646   | .0016892 | .0004202 |
| %RSD   | .6771003 | .2191978 | .2416334 | .2376181 | .4110569 | .2227905 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1900866 | .1821773 | .1882626 | 44.92266 | .4102141 | .1881386 |
| #2 | .1877030 | .1821018 | .1888769 | 44.71830 | .4097283 | .1886970 |
| #3 | .1897076 | .1828288 | .1891538 | 44.76870 | .4128665 | .1889616 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5028196 | 2.928509 | .1772850 | 24.11938 | .4749778 | .0760628 |
| Stddev | .0008125 | .020432  | .0003288 | .02567   | .0011492 | .0003233 |
| %RSD   | .1615849 | .6976878 | .1854700 | .1064226 | .2419531 | .4250473 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5019326 | 2.931205 | .1775763 | 24.14691 | .4738859 | .0757222 |
| #2 | .5029985 | 2.906862 | .1769284 | 24.09610 | .4748706 | .0763654 |
| #3 | .5035278 | 2.947458 | .1773501 | 24.11513 | .4761768 | .0761008 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.66909 | .2818446 | .2237884 | 11.48236 | .2557017 | .4181063 |
| Stddev | .06043   | .0015902 | .0012647 | .04154   | .0008855 | .0007441 |
| %RSD   | .2665576 | .5641952 | .5651477 | .3617581 | .3462989 | .1779728 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.70066 | .2834567 | .2247166 | 11.50948 | .2563378 | .4172497 |
| #2 | 22.59942 | .2802773 | .2243009 | 11.43454 | .2560770 | .4185926 |
| #3 | 22.70720 | .2817998 | .2223479 | 11.50306 | .2546904 | .4184765 |

Sample Name: Q1466-05MSD      Acquired: 3/12/2025 13:06:29      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7007907 | .1845227 | F 16.91016 | 5.684197 | 1.766757 | .1762813 |
| Stddev | .0026245 | .0001419 | .03973     | .033464  | .006471  | .0003858 |
| %RSD   | .3745039 | .0768992 | .2349327   | .5887263 | .3662397 | .2188441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7036703 | .1846279 | 16.94037 | 5.647858 | 1.774124 | .1764034 |
| #2 | .7001688 | .1843613 | 16.86516 | 5.690987 | 1.761992 | .1758493 |
| #3 | .6985330 | .1845790 | 16.92494 | 5.713746 | 1.764156 | .1765913 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2614645 |
| Stddev | .0004234 |
| %RSD   | .1619290 |

|    |          |
|----|----------|
| #1 | .2617442 |
| #2 | .2609774 |
| #3 | .2616719 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3209.669 | 73546.30 | 15176.79 | 2122.973 | 4463.187 |
| Stddev    | 5.264    | 89.96    | 26.77    | 3.439    | 9.321    |
| %RSD      | .1640160 | .1223119 | .1763706 | .1620036 | .2088322 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3214.951 | 73480.61 | 15156.14 | 2126.431 | 4473.356 |
| #2 | 3209.635 | 73648.82 | 15167.21 | 2119.552 | 4461.154 |
| #3 | 3204.422 | 73509.46 | 15207.04 | 2122.937 | 4455.050 |

Sample Name: CCV03      Acquired: 3/12/2025 13:10:28      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.099729 | 5.214965 | 5.000505 | 5.092677 | 5.189863 | 10.22549 | 9.270958 |
| Stddev | .006770  | .073860  | .003082  | .017717  | .009569  | .00955   | .034051  |
| %RSD   | .1327595 | 1.416318 | .0616414 | .3478913 | .1843754 | .0934325 | .3672904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.093668 | 5.161388 | 4.997035 | 5.078429 | 5.186119 | 10.21483 | 9.249514 |
| #2 | 5.107036 | 5.184285 | 5.001555 | 5.087086 | 5.182733 | 10.23329 | 9.310222 |
| #3 | 5.098483 | 5.299221 | 5.002925 | 5.112515 | 5.200738 | 10.22836 | 9.253139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2551485 | 2.481154 | 23.81536 | 1.058022 | 2.482544 | 1.279474 | 4.743802 |
| Stddev | .0006227 | .004790  | .05608   | .001734  | .004105  | .001565  | .011042  |
| %RSD   | .2440434 | .1930602 | .2354748 | .1639269 | .1653686 | .1223459 | .2327642 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2549975 | 2.479050 | 23.79182 | 1.059961 | 2.480329 | 1.277667 | 4.755862 |
| #2 | .2546151 | 2.477776 | 23.77489 | 1.057488 | 2.480023 | 1.280332 | 4.741358 |
| #3 | .2558327 | 2.486636 | 23.87937 | 1.056618 | 2.487281 | 1.280423 | 4.734187 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.336551 | 24.00798 | 2.475279 | 1.285482 | 26.24501 | 2.444636 | 2.601070 |
| Stddev | .004114  | .10464   | .005906  | .003423  | .18592   | .001643  | .011839  |
| %RSD   | .1760567 | .4358384 | .2385997 | .2663136 | .7084013 | .0672009 | .4551447 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.338409 | 23.97091 | 2.471740 | 1.286147 | 26.36628 | 2.443998 | 2.602064 |
| #2 | 2.331836 | 23.92692 | 2.472001 | 1.288524 | 26.33779 | 2.443407 | 2.612381 |
| #3 | 2.339407 | 24.12610 | 2.482097 | 1.281775 | 26.03095 | 2.446502 | 2.588766 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.93335 | 5.068481 | 5.183780 | 5.082004 | 4.788635 | 5.009236 | 5.007841 |
| Stddev | .11075   | .012560  | .014286  | .002197  | .006827  | .026358  | .013579  |
| %RSD   | .4627489 | .2477982 | .2755940 | .0432257 | .1425598 | .5261980 | .2711637 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.04219 | 5.060981 | 5.170029 | 5.080227 | 4.796326 | 4.991946 | 5.008663 |
| #2 | 23.93710 | 5.061481 | 5.182764 | 5.081325 | 4.783292 | 5.039573 | 5.020990 |
| #3 | 23.82078 | 5.082980 | 5.198547 | 5.084460 | 4.786288 | 4.996188 | 4.993869 |

Sample Name: CCV03      Acquired: 3/12/2025 13:10:28      Type: Unk  
 Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
 User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
 Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.887935 | 4.803399 | 4.765801 |
| Stddev | .013974  | .005870  | .017016  |
| %RSD   | .2858948 | .1222006 | .3570484 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.871803 | 4.809477 | 4.746548 |
| #2 | 4.895681 | 4.802958 | 4.772031 |
| #3 | 4.896321 | 4.797762 | 4.778824 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3212.141 | 71376.12 | 13560.77 | 2084.767 | 4330.608 |
| Stddev    | 2.243    | 309.77   | 21.41    | 15.640   | 3.289    |
| %RSD      | .0698275 | .4339965 | .1578752 | .7501910 | .0759409 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3209.564 | 71135.82 | 13541.51 | 2070.822 | 4328.023 |
| #2 | 3213.653 | 71266.81 | 13583.82 | 2081.804 | 4334.309 |
| #3 | 3213.206 | 71725.72 | 13556.99 | 2101.677 | 4329.490 |

Sample Name: CCB03      Acquired: 3/12/2025 13:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0005110 | -.000910 | .0001054 | -.008598 | -.001564 | .0089370 | -.005113 |
| Stddev | .0007273 | .001096  | .0011219 | .004938  | .001256  | .0033201 | .000404  |
| %RSD   | 142.3372 | 120.4550 | 1064.164 | 57.43017 | 80.32350 | 37.14984 | 7.895649 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000046 | -.000141 | .0012268 | -.010033 | -.002968 | .0051033 | -.004933 |
| #2 | .000244  | -.002165 | .0001065 | -.003101 | -.000548 | .0108502 | -.005575 |
| #3 | .001334  | -.000423 | -.001017 | -.012659 | -.001175 | .0108574 | -.004830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000761 | .0001590 | .0062808 | -.000118 | .0001986 | -.000099 | .0010480 |
| Stddev | .0000301 | .0000363 | .0076981 | .000064  | .0002018 | .000164  | .0029219 |
| %RSD   | 39.54968 | 22.82034 | 122.5661 | 54.07147 | 101.6170 | 164.9115 | 278.8185 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001083 | .0001579 | .0120997 | -.000106 | .0000810 | -.000056 | .0042476 |
| #2 | .0000487 | .0001958 | -.002448 | -.000061 | .0004317 | .000039  | -.001479 |
| #3 | .0000712 | .0001233 | .009191  | -.000188 | .0000832 | -.000280 | .000375  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000188 | .0051467 | -.000139 | .0008796 | -.049304 | .0006571 | .0001582 |
| Stddev | .000298  | .0069119 | .000351  | .0000773 | .007093  | .0020221 | .0006272 |
| %RSD   | 158.4759 | 134.2962 | 252.5651 | 8.790960 | 14.38721 | 307.7272 | 396.4299 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000497 | .0130631 | -.000285 | .0008807 | -.056711 | .0012931 | -.000547 |
| #2 | -.000164 | .0020677 | .000261  | .0008018 | -.048627 | -.001607 | .000369  |
| #3 | .000097  | .0003094 | -.000394 | .0009565 | -.042573 | .002285  | .000653  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.136860 | .0041907 | .0004875 | .0000464 | .0017172 | -.045094 | -.002993 |
| Stddev | .033806  | .0006220 | .0001186 | .0001881 | .0001649 | .002828  | .001286  |
| %RSD   | 24.70128 | 14.84275 | 24.31991 | 405.3620 | 9.601134 | 6.270272 | 42.97750 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.168546 | .0046965 | .0004466 | .0002276 | .0018747 | -.043919 | -.001911 |
| #2 | -.140763 | .0043795 | .0003948 | .0000595 | .0017309 | -.043044 | -.004415 |
| #3 | -.101272 | .0034962 | .0006211 | -.000148 | .0015459 | -.048320 | -.002653 |

Sample Name: CCB03      Acquired: 3/12/2025 13:14:40      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.005249 | -.003284 | .0004494 |
| Stddev | .000503  | .000807  | .0000665 |
| %RSD   | 9.588754 | 24.56189 | 14.79444 |
| #1     | -.005688 | -.002356 | .0003727 |
| #2     | -.005361 | -.003815 | .0004901 |
| #3     | -.004700 | -.003682 | .0004854 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3343.216 | 76383.85 | 14789.56 | 2199.019 | 4875.207 |
| Stddev    | 6.320    | 344.82   | 27.96    | 5.114    | 9.941    |
| %RSD      | .1890436 | .4514252 | .1890540 | .2325533 | .2039149 |
| #1        | 3340.059 | 76780.60 | 14817.30 | 2204.608 | 4870.288 |
| #2        | 3350.492 | 76156.47 | 14761.39 | 2197.876 | 4886.649 |
| #3        | 3339.095 | 76214.48 | 14789.99 | 2194.574 | 4868.685 |

Sample Name: Q1466-05A      Acquired: 3/12/2025 13:18:59      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8396012 | 2.064372 | .9564386 | 1.997899 | .8539153 | 1.927339 |
| Stddev | .0043592 | .001481  | .0012748 | .008522  | .0042510 | .005397  |
| %RSD   | .5191968 | .0717461 | .1332857 | .4265605 | .4978231 | .2800021 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8348519 | 2.064340 | .9560303 | 1.988967 | .8553526 | 1.926650 |
| #2 | .8434200 | 2.062907 | .9554181 | 1.998787 | .8491320 | 1.933048 |
| #3 | .8405317 | 2.065869 | .9578676 | 2.005942 | .8572614 | 1.922321 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1862040 | .1872034 | .1896716 | 44.72263 | .4160926 | .1895537 |
| Stddev | .0006702 | .0005242 | .0005355 | .04569   | .0006728 | .0004647 |
| %RSD   | .3599236 | .2800401 | .2823310 | .1021543 | .1616868 | .2451662 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1866178 | .1866465 | .1893889 | 44.74830 | .4153256 | .1897503 |
| #2 | .1854308 | .1876874 | .1893367 | 44.74972 | .4163689 | .1890230 |
| #3 | .1865635 | .1872763 | .1902892 | 44.66989 | .4165832 | .1898878 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5058029 | 2.876691 | .1774623 | 24.28820 | .4761767 | .0765319 |
| Stddev | .0016606 | .029121  | .0002002 | .08927   | .0017022 | .0001904 |
| %RSD   | .3283134 | 1.012294 | .1128278 | .3675470 | .3574688 | .2488138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5052851 | 2.910286 | .1774015 | 24.18859 | .4759651 | .0767433 |
| #2 | .5044628 | 2.861137 | .1772995 | 24.36097 | .4745902 | .0764787 |
| #3 | .5076607 | 2.858650 | .1776859 | 24.31504 | .4779748 | .0763738 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 22.48600 | .2800125 | .2242406 | 11.18825 | .2658545 | .4223875 |
| Stddev | .09775   | .0038482 | .0005390 | .04772   | .0013169 | .0005565 |
| %RSD   | .4347183 | 1.374289 | .2403620 | .4264884 | .4953513 | .1317594 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.59508 | .2790079 | .2238768 | 11.24287 | .2644540 | .4220982 |
| #2 | 22.45660 | .2842633 | .2239853 | 11.15465 | .2670677 | .4230292 |
| #3 | 22.40632 | .2767662 | .2248599 | 11.16723 | .2660419 | .4220353 |



Sample Name: Q1466-05A      Acquired: 3/12/2025 13:18:59      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7110905 | .1832153 | F 16.72674 | 5.703212 | 1.784676 | .1759134 |
| Stddev | .0041605 | .0008141 | .06875     | .010939  | .006194  | .0020950 |
| %RSD   | .5850941 | .4443412 | .4110053   | .1917957 | .3470724 | 1.190914 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7081851 | .1824451 | 16.80603 | 5.692274 | 1.779520 | .1773359 |
| #2 | .7092296 | .1840671 | 16.68388 | 5.703210 | 1.791547 | .1768966 |
| #3 | .7158566 | .1831337 | 16.69029 | 5.714151 | 1.782961 | .1735077 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2590581 |
| Stddev | .0010945 |
| %RSD   | .4224721 |

|    |          |
|----|----------|
| #1 | .2599253 |
| #2 | .2594206 |
| #3 | .2578284 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3201.659 | 73665.71 | 14938.13 | 2126.209 | 4461.557 |
| Stddev    | 11.331   | 112.04   | 57.13    | .407     | 12.810   |
| %RSD      | .3539197 | .1520910 | .3824684 | .0191403 | .2871109 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3213.308 | 73729.03 | 15003.94 | 2126.579 | 4475.100 |
| #2 | 3200.996 | 73731.75 | 14901.20 | 2126.273 | 4459.935 |
| #3 | 3190.674 | 73536.35 | 14909.24 | 2125.773 | 4449.635 |

Sample Name: Q1507-01      Acquired: 3/12/2025 13:22:59      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .3692046 | .0120752 | 6.499597 | -.064883 | .1723842 | 140.6571 |
| Stddev | .0052091 | .0026141 | .006007  | .000145  | .0019912 | .3451    |
| %RSD   | 1.410904 | 21.64803 | .0924268 | .2229070 | 1.155067 | .2453825 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3745000 | .0091663 | 6.502175 | -.064964 | .1741954 | 141.0511 |
| #2 | .3640862 | .0142275 | 6.503886 | -.064716 | .1727051 | 140.4081 |
| #3 | .3690277 | .0128319 | 6.492731 | -.064970 | .1702521 | 140.5122 |

| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.182334 | .0354918 | .0198127 | 98.64166 | .8460684 | .3838271 |
| Stddev | .002300  | .0002616 | .0007296 | .46417   | .0029341 | .0015095 |
| %RSD   | .1053734 | .7369658 | 3.682635 | .4705590 | .3467889 | .3932720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.184673 | .0357565 | .0202090 | 99.17724 | .8444295 | .3849417 |
| #2 | 2.182254 | .0354853 | .0202584 | 98.39154 | .8443199 | .3844303 |
| #3 | 2.180076 | .0352335 | .0189707 | 98.35619 | .8494557 | .3821093 |

| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.248299 | 436.3522 | 6.779901 | 65.59542 | 1.403553 | .0186277 |
| Stddev | .010223  | 1.3175   | .021398  | .22237   | .003472  | .0002713 |
| %RSD   | .1410385 | .3019364 | .3156095 | .3389969 | .2474067 | 1.456380 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.257634 | 435.0421 | 6.803241 | 65.85064 | 1.406418 | .0187648 |
| #2 | 7.249889 | 436.3375 | 6.775252 | 65.44342 | 1.404551 | .0183152 |
| #3 | 7.237375 | 437.6770 | 6.761209 | 65.49220 | 1.399691 | .0188031 |

| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
|--------|----------|----------|----------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.224205 | .5383457 | 17.62314 | 20.51086 | .1069734 | .0704991 |
| Stddev | .042277  | .0038899 | .03464   | .10999   | .0076570 | .0004832 |
| %RSD   | .5140497 | .7225643 | .1965683 | .5362630 | 7.157868 | .6853353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.187142 | .5427939 | 17.61581 | 20.38445 | .1005011 | .0710221 |
| #2 | 8.215222 | .5366611 | 17.59275 | 20.56337 | .1049931 | .0700694 |
| #3 | 8.270251 | .5355820 | 17.66086 | 20.58475 | .1154261 | .0704058 |

Sample Name: Q1507-01      Acquired: 3/12/2025 13:22:59      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.075403 | 5.318804 | F 11.54772 | 9.463100 | 8.546176 | .3545607 |
| Stddev | .001984  | .011692  | .03743     | .038839  | .035371  | .0007232 |
| %RSD   | .1845231 | .2198242 | .3241578   | .4104245 | .4138802 | .2039798 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.074046 | 5.331986 | 11.52356 | 9.448935 | 8.556038 | .3537381 |
| #2 | 1.077680 | 5.314740 | 11.52876 | 9.507033 | 8.575568 | .3550968 |
| #3 | 1.074482 | 5.309686 | 11.59084 | 9.433331 | 8.506920 | .3548473 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3690060 |
| Stddev | .0005379 |
| %RSD   | .1457769 |

|    |          |
|----|----------|
| #1 | .3696120 |
| #2 | .3685847 |
| #3 | .3688215 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3385.245 | 76861.85 | 17068.67 | 2189.611 | 3975.557 |
| Stddev    | 9.186    | 135.92   | 97.79    | 13.110   | 11.501   |
| %RSD      | .2713496 | .1768419 | .5728950 | .5987387 | .2892881 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3374.639 | 76893.62 | 16956.18 | 2196.501 | 3962.766 |
| #2 | 3390.654 | 76979.07 | 17133.32 | 2197.839 | 3978.862 |
| #3 | 3390.442 | 76712.85 | 17116.51 | 2174.492 | 3985.043 |

Sample Name: Q1508-01      Acquired: 3/12/2025 13:27:08      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .1650892 | .0030644 | .9070598 | -.058682 | -.004943 | 134.0228 |
| Stddev | .0019938 | .0021046 | .0037859 | .003143  | .000563  | .2899    |
| %RSD   | 1.207704 | 68.67815 | .4173854 | 5.355846 | 11.39815 | .2162915 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1628269 | .0043916 | .9077021 | -.060601 | -.004884 | 134.3039 |
| #2 | .1665900 | .0006378 | .9029938 | -.055055 | -.005533 | 134.0395 |
| #3 | .1658507 | .0041639 | .9104835 | -.060391 | -.004411 | 133.7249 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.039580 | .0121045 | .0022068 | 32.76405 | .3679740 | .1649609 |
| Stddev | .003617  | .0000623 | .0004135 | .11713   | .0006501 | .0005902 |
| %RSD   | .3479203 | .5143619 | 18.73908 | .3574991 | .1766786 | .3577721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.043662 | .0120935 | .0022452 | 32.89845 | .3686412 | .1642794 |
| #2 | 1.038303 | .0120485 | .0017753 | 32.70994 | .3679384 | .1653017 |
| #3 | 1.036775 | .0121716 | .0025997 | 32.68375 | .3673424 | .1653015 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6383224 | 313.2428 | 6.018648 | 50.56637 | .3109948 | -.000588 |
| Stddev | .0018804 | 1.4307   | .032598  | .21285   | .0013151 | .000480  |
| %RSD   | .2945765 | .4567461 | .5416204 | .4209274 | .4228729 | 81.64624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6369259 | 312.2794 | 6.055826 | 50.80539 | .3108528 | -.000125 |
| #2 | .6375808 | 314.8868 | 5.994960 | 50.49642 | .3097565 | -.000555 |
| #3 | .6404604 | 312.5622 | 6.005157 | 50.39730 | .3123752 | -.001083 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.539202 | .4719024 | 2.146031 | 13.27559 | -.257840 | .0075625 |
| Stddev | .038161  | .0045910 | .006649  | .08364   | .010777  | .0003378 |
| %RSD   | .6889296 | .9728787 | .3098238 | .6300566 | 4.179579 | 4.466721 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.499068 | .4746236 | 2.141870 | 13.20664 | -.268533 | .0072273 |
| #2 | 5.575024 | .4744818 | 2.153700 | 13.36863 | -.246982 | .0075573 |
| #3 | 5.543514 | .4666017 | 2.142524 | 13.25149 | -.258006 | .0079029 |

Sample Name: Q1508-01      Acquired: 3/12/2025 13:27:08      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0248675 | 4.230095 | F 14.95688 | 9.327788 | 5.441281 | .4004216 |
| Stddev | .0002050 | .011842  | .11726     | .033461  | .011331  | .0010122 |
| %RSD   | .8242705 | .2799405 | .7839548   | .3587225 | .2082421 | .2527747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0250881 | 4.243287 | 14.85358 | 9.294103 | 5.440791 | .4003001 |
| #2 | .0246829 | 4.226614 | 15.08433 | 9.328241 | 5.430204 | .4014891 |
| #3 | .0248315 | 4.220384 | 14.93271 | 9.361020 | 5.452850 | .3994757 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1884435 |
| Stddev | .0005556 |
| %RSD   | .2948166 |

|    |          |
|----|----------|
| #1 | .1890842 |
| #2 | .1881509 |
| #3 | .1880953 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3649.131 | 83296.86 | 17489.24 | 2392.775 | 4169.596 |
| Stddev    | 6.496    | 105.10   | 144.97   | 5.894    | 7.556    |
| %RSD      | .1780054 | .1261744 | .8289293 | .2463426 | .1812167 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3656.239 | 83404.27 | 17352.52 | 2399.354 | 4178.010 |
| #2 | 3643.502 | 83292.07 | 17641.25 | 2387.974 | 4167.385 |
| #3 | 3647.653 | 83194.24 | 17473.97 | 2390.997 | 4163.391 |

Sample Name: Q1510-01      Acquired: 3/12/2025 13:31:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0145378 | -.003543 | .0002268 | -.003660 | -.001105 | .0412435 | .1170552 |
| Stddev | .0026991 | .002199  | .0003537 | .001156  | .002139  | .0080372 | .0002943 |
| %RSD   | 18.56599 | 62.07735 | 155.9586 | 31.57798 | 193.4727 | 19.48723 | .2514542 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0165528 | -.002304 | .0001220 | -.004328 | -.003265 | .0385354 | .1169689 |
| #2 | .0114712 | -.002242 | .0006210 | -.004326 | .001011  | .0502850 | .1168137 |
| #3 | .0155894 | -.006082 | -.000063 | -.002325 | -.001062 | .0349102 | .1173831 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000059 | .0007842 | 26.32099 | -.000064 | .0016739 | .0015474 | .9966582 |
| Stddev | .000031  | .0000246 | .08133   | .000206  | .0001836 | .0001424 | .0072873 |
| %RSD   | 52.34188 | 3.142356 | .3089812 | 319.7412 | 10.96643 | 9.204303 | .7311694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000043 | .0007784 | 26.31411 | -.000069 | .0017972 | .0017025 | 1.005046 |
| #2 | -.000039 | .0007630 | 26.24332 | .000144  | .0014629 | .0014225 | .993052  |
| #3 | -.000094 | .0008112 | 26.40554 | -.000267 | .0017614 | .0015173 | .991877  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0962208 | 3.314046 | .0107845 | .0004026 | 357.2041 | .0008992 | .9850660 |
| Stddev | .0005018 | .004047  | .0003889 | .0000620 | .2457    | .0006808 | .0028756 |
| %RSD   | .5214580 | .1221162 | 3.606454 | 15.40792 | .0687844 | 75.72013 | .2919238 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0966049 | 3.313897 | .0105353 | .0003687 | 357.4876 | .0003919 | .9851045 |
| #2 | .0956531 | 3.318166 | .0105856 | .0004742 | 357.0709 | .0016729 | .9821713 |
| #3 | .0964044 | 3.310076 | .0112327 | .0003648 | 357.0537 | .0006327 | .9879222 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.24506 | .2328455 | .3196568 | -.000557 | .0013925 | 3.290867 | .4537779 |
| Stddev | .05849   | .0010465 | .0013390 | .000821  | .0004250 | .021254  | .0025122 |
| %RSD   | .4776848 | .4494182 | .4188928 | 147.3978 | 30.52044 | .6458413 | .5536239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 12.30901 | .2320817 | .3186243 | -.001138 | .0018820 | 3.314791 | .4536521 |
| #2 | 12.23189 | .2324166 | .3191764 | .000383  | .0011174 | 3.283645 | .4563506 |
| #3 | 12.19427 | .2340383 | .3211698 | -.000917 | .0011781 | 3.274166 | .4513309 |

Sample Name: Q1510-01      Acquired: 3/12/2025 13:31:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 9.911512 | .0087548 | .3380080 |
| Stddev | .028284  | .0003285 | .0004640 |
| %RSD   | .2853651 | 3.752040 | .1372864 |
| #1     | 9.890509 | .0083761 | .3383703 |
| #2     | 9.900355 | .0089261 | .3374849 |
| #3     | 9.943673 | .0089622 | .3381686 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3032.756 | 68877.26 | 15134.19 | 2000.749 | 4110.681 |
| Stddev    | 5.795    | 178.77   | 45.60    | 3.601    | 6.461    |
| %RSD      | .1910889 | .2595543 | .3012733 | .1799762 | .1571812 |
| #1        | 3039.027 | 68728.45 | 15125.35 | 2000.303 | 4118.141 |
| #2        | 3031.644 | 69075.57 | 15183.56 | 2004.552 | 4107.015 |
| #3        | 3027.597 | 68827.76 | 15093.66 | 1997.392 | 4106.887 |

Sample Name: PB167098BL      Acquired: 3/12/2025 13:59:29      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0007095 | -.001844 | .0000973 | -.010869 | -.002384 | .0054751 | -.007887 |
| Stddev | .0019733 | .000402  | .0004611 | .001439  | .000565  | .0015596 | .002650  |
| %RSD   | 278.1027 | 21.79978 | 474.1083 | 13.23852 | 23.71651 | 28.48473 | 33.59491 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001404 | -.002295 | -.000397 | -.012522 | -.001819 | .0046500 | -.007093 |
| #2 | .002503  | -.001714 | .000517  | -.010195 | -.002384 | .0045014 | -.010842 |
| #3 | .001029  | -.001524 | .000172  | -.009891 | -.002950 | .0072738 | -.005724 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000465 | .0000058 | -.001971 | .0001920 | .0001721 | .0002652 | -.004372 |
| Stddev | .0000633 | .0000325 | .005978  | .0001765 | .0000945 | .0001536 | .001602  |
| %RSD   | 136.0138 | 555.8986 | 303.3099 | 91.93219 | 54.90645 | 57.93479 | 36.63897 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000019 | .0000010 | .004004  | .0003949 | .0002785 | .0001671 | -.005602 |
| #2 | .000107  | -.000024 | -.007952 | .0001075 | .0001394 | .0001863 | -.004954 |
| #3 | .000052  | .000041  | -.001965 | .0000737 | .0000983 | .0004423 | -.002561 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000930 | -.000376 | -.000222 | .0008018 | -.054123 | .0000935 | -.000470 |
| Stddev | .000150  | .011431  | .000172  | .0000774 | .006493  | .0005535 | .000430  |
| %RSD   | 16.12505 | 3041.066 | 77.71807 | 9.653352 | 11.99701 | 591.8189 | 91.44628 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000910 | .004444  | -.000420 | .0007872 | -.061492 | .0002253 | .000016  |
| #2 | -.001089 | -.013428 | -.000140 | .0007327 | -.051638 | .0005693 | -.000799 |
| #3 | -.000791 | .007856  | -.000106 | .0008855 | -.049240 | -.000514 | -.000628 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.147799 | -.008174 | -.000132 | -.000442 | .0007209 | -.051723 | -.002747 |
| Stddev | .017630  | .000537  | .000126  | .000647  | .0002909 | .006530  | .001748  |
| %RSD   | 11.92801 | 6.573428 | 95.44925 | 146.4544 | 40.35310 | 12.62560 | 63.61986 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.145845 | -.007839 | -.000231 | -.000243 | .0010568 | -.048049 | -.000896 |
| #2 | -.166325 | -.007889 | -.000173 | -.001165 | .0005606 | -.059263 | -.002976 |
| #3 | -.131228 | -.008794 | .000010  | .000083  | .0005454 | -.047858 | -.004370 |



Sample Name: PB167098BL      Acquired: 3/12/2025 13:59:29      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.006892 | -.003870 | .0000016 |
| Stddev | .000419  | .000954  | .0000642 |
| %RSD   | 6.074187 | 24.64176 | 3929.237 |
| #1     | -.007374 | -.004941 | .0000740 |
| #2     | -.006686 | -.003555 | -.000049 |
| #3     | -.006616 | -.003113 | -.000020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3282.579 | 73569.52 | 14474.24 | 2098.272 | 4811.534 |
| Stddev    | 1.902    | 45.96    | 199.42   | .687     | 2.399    |
| %RSD      | .0579573 | .0624683 | 1.377771 | .0327398 | .0498498 |
| #1        | 3284.680 | 73607.17 | 14612.51 | 2098.052 | 4811.747 |
| #2        | 3280.973 | 73583.07 | 14245.63 | 2097.721 | 4813.819 |
| #3        | 3282.084 | 73518.31 | 14564.57 | 2099.042 | 4809.036 |

Sample Name: PB167098BS      Acquired: 3/12/2025 14:03:48      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7880750 | 1.999070 | .9395248 | 1.938894 | .8000097 | 1.882178 |
| Stddev | .0017538 | .027527  | .0007752 | .007425  | .0008840 | .005832  |
| %RSD   | .2225384 | 1.376971 | .0825133 | .3829715 | .1104998 | .3098687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7862683 | 1.994221 | .9404004 | 1.944092 | .7989893 | 1.880092 |
| #2 | .7881862 | 1.974289 | .9392481 | 1.930390 | .8005416 | 1.877676 |
| #3 | .7897705 | 2.028698 | .9389259 | 1.942200 | .8004984 | 1.888767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1674792 | .1805687 | .1842151 | .9253365 | .4104288 | .1870729 |
| Stddev | .0006352 | .0006959 | .0002414 | .0031918 | .0020205 | .0005031 |
| %RSD   | .3792613 | .3853956 | .1310669 | .3449325 | .4922867 | .2689305 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1667830 | .1805088 | .1839417 | .9240926 | .4081007 | .1865050 |
| #2 | .1676277 | .1799046 | .1843992 | .9229539 | .4114609 | .1874625 |
| #3 | .1680271 | .1812926 | .1843045 | .9289629 | .4117247 | .1872514 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3040994 | 2.819172 | .1768201 | 1.791189 | .4684428 | .0747968 |
| Stddev | .0008038 | .013242  | .0006325 | .008549  | .0003704 | .0001576 |
| %RSD   | .2643194 | .4696965 | .3577313 | .4772649 | .0790652 | .2107091 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3031732 | 2.804197 | .1764359 | 1.800938 | .4684116 | .0747840 |
| #2 | .3046145 | 2.823988 | .1764744 | 1.784974 | .4688278 | .0746460 |
| #3 | .3045106 | 2.829332 | .1775502 | 1.787655 | .4680890 | .0749604 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.014157 | .2746786 | .2023322 | 9.193211 | .2540839 | .4043357 |
| Stddev | .003760  | .0020492 | .0003369 | .003322  | .0003873 | .0007390 |
| %RSD   | .1247398 | .7460478 | .1665147 | .0361408 | .1524419 | .1827701 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.009866 | .2763640 | .2024929 | 9.196711 | .2545236 | .4039615 |
| #2 | 3.016874 | .2723975 | .2025587 | 9.190101 | .2539353 | .4038586 |
| #3 | 3.015730 | .2752743 | .2019450 | 9.192820 | .2537930 | .4051869 |

Sample Name: PB167098BS      Acquired: 3/12/2025 14:03:48      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6674293 | .1811970 | .7790501 | 5.145365 | F -.016817 | .1798806 |
| Stddev | .0008875 | .0006634 | .0042763 | .009513  | .001431    | .0007535 |
| %RSD   | .1329705 | .3661136 | .5489156 | .1848909 | 8.506969   | .4189036 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6674438 | .1818764 | .7747226 | 5.156350 | -.017740 | .1806124 |
| #2 | .6683094 | .1811637 | .7832733 | 5.139839 | -.017542 | .1791071 |
| #3 | .6665347 | .1805509 | .7791543 | 5.139905 | -.015169 | .1799224 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1794758 |
| Stddev | .0002744 |
| %RSD   | .1529009 |

|    |          |
|----|----------|
| #1 | .1797894 |
| #2 | .1792797 |
| #3 | .1793582 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3306.848 | 74027.92 | 14946.38 | 2120.090 | 4733.131 |
| Stddev    | 3.269    | 279.21   | 55.60    | 6.124    | 4.116    |
| %RSD      | .0988691 | .3771689 | .3719788 | .2888636 | .0869532 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3303.075 | 74312.45 | 14980.15 | 2126.825 | 4728.763 |
| #2 | 3308.848 | 74016.96 | 14976.77 | 2118.590 | 4733.694 |
| #3 | 3308.622 | 73754.35 | 14882.21 | 2114.855 | 4736.936 |

Sample Name: PB167099BL      Acquired: 3/12/2025 14:07:50      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0009897 | -.000699 | -.001059 | -.008771 | -.001001 | .0009279 | -.004729 |
| Stddev | .0026529 | .000894  | .000647  | .001446  | .000823  | .0056900 | .000430  |
| %RSD   | 268.0422 | 127.8691 | 61.13911 | 16.48983 | 82.29118 | 613.2433 | 9.088619 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001213 | -.001125 | -.001313 | -.009720 | -.000341 | -.003513 | -.004945 |
| #2 | .000248  | -.001300 | -.000323 | -.009487 | -.001923 | .007342  | -.004234 |
| #3 | .003934  | .000328  | -.001540 | -.007106 | -.000737 | -.001045 | -.005008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000670 | .0000052 | -.003382 | .0001284 | -.000151 | .0001991 | -.002562 |
| Stddev | .0000413 | .0000419 | .004795  | .0004332 | .000027  | .0000944 | .002117  |
| %RSD   | 61.57666 | 800.6974 | 141.7679 | 337.3849 | 18.00662 | 47.40096 | 82.66179 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001143 | .0000437 | -.004826 | -.000349 | -.000171 | .0001115 | -.004804 |
| #2 | .0000382 | .0000114 | -.007289 | .000496  | -.000120 | .0001868 | -.000597 |
| #3 | .0000486 | -.000039 | .001969  | .000238  | -.000162 | .0002990 | -.002284 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001033 | .0134770 | -.000122 | .0009425 | -.041181 | .0008589 | -.000215 |
| Stddev | .000254  | .0046921 | .000250  | .0001833 | .000889  | .0010821 | .000086  |
| %RSD   | 24.60112 | 34.81591 | 205.5494 | 19.45062 | 2.159606 | 125.9881 | 40.08320 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001031 | .0114673 | -.000196 | .0009088 | -.041924 | -.000390 | -.000138 |
| #2 | -.001288 | .0101244 | .000157  | .0011403 | -.040196 | .001515  | -.000199 |
| #3 | -.000780 | .0188392 | -.000327 | .0007783 | -.041425 | .001452  | -.000308 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.096471 | -.007926 | -.000234 | -.000473 | .0011148 | -.044268 | -.003136 |
| Stddev | .011457  | .000538  | .000204  | .000607  | .0005120 | .006967  | .002225  |
| %RSD   | 11.87609 | 6.793475 | 87.07763 | 128.1157 | 45.92460 | 15.73826 | 70.92669 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.109700 | -.008175 | -.000428 | -.001091 | .0006024 | -.040134 | -.002991 |
| #2 | -.089897 | -.007308 | -.000252 | .000121  | .0016264 | -.052311 | -.000988 |
| #3 | -.089816 | -.008295 | -.000022 | -.000450 | .0011156 | -.040358 | -.005430 |

Sample Name: PB167099BL      Acquired: 3/12/2025 14:07:50      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.006898 | -.004361 | -.000043 |
| Stddev | .002711  | .000667  | .000015  |
| %RSD   | 39.30890 | 15.29757 | 34.47116 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005446 | -.004894 | -.000026 |
| #2 | -.010026 | -.004577 | -.000049 |
| #3 | -.005221 | -.003613 | -.000054 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3348.307 | 74614.42 | 14899.48 | 2149.959 | 4896.114 |
| Stddev    | 4.395    | 161.88   | 48.38    | 4.475    | 9.852    |
| %RSD      | .1312511 | .2169522 | .3246766 | .2081315 | .2012178 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3347.639 | 74429.83 | 14895.50 | 2152.272 | 4894.597 |
| #2 | 3344.284 | 74681.23 | 14949.71 | 2144.801 | 4887.109 |
| #3 | 3352.997 | 74732.20 | 14853.21 | 2152.803 | 4906.637 |

Sample Name: PB167099BS      Acquired: 3/12/2025 14:12:09      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7924867 | 2.011958 | .9396507 | 1.922712 | .7857326 | 1.877987 |
| Stddev | .0035646 | .004627  | .0033740 | .009219  | .0057554 | .004459  |
| %RSD   | .4497959 | .2299565 | .3590704 | .4794608 | .7324936 | .2374407 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7883708 | 2.007511 | .9373691 | 1.915250 | .7818577 | 1.878311 |
| #2 | .7945153 | 2.016746 | .9380565 | 1.919869 | .7829942 | 1.873375 |
| #3 | .7945740 | 2.011617 | .9435264 | 1.933017 | .7923459 | 1.882275 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1601053 | .1968399 | .1844161 | .9161496 | .4088076 | .1878015 |
| Stddev | .0011439 | .0013736 | .0008111 | .0033422 | .0003683 | .0008784 |
| %RSD   | .7144712 | .6978338 | .4398502 | .3648059 | .0901003 | .4677297 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1594584 | .1975342 | .1840233 | .9164958 | .4090279 | .1870533 |
| #2 | .1594314 | .1952577 | .1838761 | .9126478 | .4083824 | .1875824 |
| #3 | .1614261 | .1977278 | .1853489 | .9193052 | .4090126 | .1887687 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3052309 | 2.647205 | .1742986 | 1.802266 | .4700441 | .0751490 |
| Stddev | .0013689 | .011640  | .0010117 | .006289  | .0016449 | .0002708 |
| %RSD   | .4484761 | .4396982 | .5804495 | .3489517 | .3499439 | .3603983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3045128 | 2.649697 | .1751732 | 1.808191 | .4696237 | .0749086 |
| #2 | .3043704 | 2.657396 | .1731906 | 1.795667 | .4686503 | .0754424 |
| #3 | .3068094 | 2.634520 | .1745320 | 1.802941 | .4718584 | .0750961 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.820851 | .2698868 | .2024777 | 8.485920 | .2743951 | .3996524 |
| Stddev | .010671  | .0029291 | .0010895 | .050251  | .0023901 | .0023330 |
| %RSD   | .3782933 | 1.085292 | .5380696 | .5921726 | .8710425 | .5837681 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.810328 | .2711062 | .2037321 | 8.465260 | .2747930 | .3979154 |
| #2 | 2.831664 | .2665450 | .2017677 | 8.543208 | .2718310 | .3987376 |
| #3 | 2.820561 | .2720091 | .2019334 | 8.449292 | .2765612 | .4023042 |

Sample Name: PB167099BS      Acquired: 3/12/2025 14:12:09      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6555380 | .1753737 | F .7102842 | 5.183466 | F -.016367 | .1764032 |
| Stddev | .0008024 | .0007467 | .0117720   | .028018  | .002925    | .0016315 |
| %RSD   | .1224083 | .4257542 | 1.657366   | .5405192 | 17.86943   | .9248567 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6552217 | .1759924 | .6971501 | 5.153588 | -.018473 | .1767635 |
| #2 | .6549420 | .1755845 | .7198847 | 5.187661 | -.013028 | .1746217 |
| #3 | .6564504 | .1745444 | .7138180 | 5.209150 | -.017600 | .1778244 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1728040 |
| Stddev | .0006328 |
| %RSD   | .3662112 |

|    |          |
|----|----------|
| #1 | .1731911 |
| #2 | .1720738 |
| #3 | .1731473 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3345.327 | 74016.09 | 13987.19 | 2152.586 | 4788.963 |
| Stddev    | 14.599   | 27.88    | 99.05    | 5.182    | 15.148   |
| %RSD      | .4363848 | .0376660 | .7081744 | .2407179 | .3163091 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3356.100 | 74029.32 | 13932.75 | 2148.297 | 4799.907 |
| #2 | 3351.170 | 73984.06 | 14101.52 | 2151.119 | 4795.307 |
| #3 | 3328.713 | 74034.90 | 13927.29 | 2158.343 | 4771.674 |

Sample Name: Q1515-01      Acquired: 3/12/2025 14:16:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .3059206 | .0103205 | .4467325 | -.052494 | -.011711 | 99.61750 |
| Stddev | .0022791 | .0016659 | .0013788 | .000662  | .001131  | .13695   |
| %RSD   | .7449929 | 16.14177 | .3086505 | 1.260497 | 9.658263 | .1374806 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3069165 | .0112421 | .4460163 | -.052313 | -.011894 | 99.74005 |
| #2 | .3033131 | .0083974 | .4483220 | -.053228 | -.010499 | 99.46967 |
| #3 | .3075323 | .0113220 | .4458591 | -.051943 | -.012739 | 99.64280 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5655907 | .0141303 | -.000668 | 79.95263 | .6861330 | .0732074 |
| Stddev | .0023301 | .0001360 | .000423  | .06545   | .0015078 | .0002702 |
| %RSD   | .4119792 | .9624048 | 63.29198 | .0818624 | .2197523 | .3690312 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5674463 | .0140240 | -.001155 | 80.01154 | .6877119 | .0731649 |
| #2 | .5629756 | .0140832 | -.000451 | 79.96419 | .6847081 | .0729610 |
| #3 | .5663501 | .0142835 | -.000397 | 79.88217 | .6859790 | .0734962 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1547664 | 310.1008 | .9389353 | 22.94212 | .1630588 | -.001702 |
| Stddev | .0014142 | 1.9143   | .0019183 | .07795   | .0006041 | .000319  |
| %RSD   | .9137368 | .6173071 | .2043057 | .3397703 | .3704624 | 18.76563 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1531745 | 312.0168 | .9409049 | 22.85624 | .1634386 | -.001363 |
| #2 | .1552473 | 308.1882 | .9370728 | 23.00839 | .1623623 | -.001746 |
| #3 | .1558774 | 310.0973 | .9388280 | 22.96174 | .1633756 | -.001997 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.079915 | .4278909 | .6613374 | 19.50687 | -.294199 | .0214957 |
| Stddev | .022445  | .0020188 | .0050895 | .18652   | .004150  | .0002571 |
| %RSD   | 1.079110 | .4717931 | .7695705 | .9561749 | 1.410679 | 1.195994 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.090880 | .4282738 | .6592510 | 19.69497 | -.290111 | .0215702 |
| #2 | 2.054095 | .4296908 | .6576227 | 19.32197 | -.298409 | .0212096 |
| #3 | 2.094768 | .4257081 | .6671385 | 19.50368 | -.294077 | .0217073 |



Sample Name: Q1515-01      Acquired: 3/12/2025 14:16:11      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0150553 | .9807245 | F 17.83307 | 9.464099 | F 17.04763 | .1826265 |
| Stddev | .0002999 | .0013505 | .11208     | .022007  | .03611     | .0006904 |
| %RSD   | 1.991802 | .1377038 | .6285153   | .2325302 | .2118375   | .3780186 |
| #1     | .0151768 | .9813034 | 17.93706   | 9.489083 | 17.06718   | .1833035 |
| #2     | .0152754 | .9791811 | 17.71435   | 9.447584 | 17.00596   | .1819235 |
| #3     | .0147138 | .9816891 | 17.84779   | 9.455631 | 17.06975   | .1826525 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .4144868 |
| Stddev | .0015559 |
| %RSD   | .3753885 |
| #1     | .4161137 |
| #2     | .4130131 |
| #3     | .4143336 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3760.086 | 84597.01 | 18161.66 | 2412.148 | 4133.477 |
| Stddev    | 3.565    | 181.90   | 70.58    | 15.455   | 2.311    |
| %RSD      | .0948221 | .2150197 | .3886054 | .6406975 | .0559188 |
| #1        | 3756.311 | 84396.82 | 18213.88 | 2421.275 | 4130.923 |
| #2        | 3763.397 | 84752.15 | 18081.37 | 2420.864 | 4135.426 |
| #3        | 3760.549 | 84642.05 | 18189.75 | 2394.304 | 4134.082 |

Sample Name: Q1515-01DUP      Acquired: 3/12/2025 14:20:14      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .3081941 | .0094888 | .4521592 | -.050696 | -.010871 | 99.35451 |
| Stddev | .0015279 | .0034247 | .0016076 | .003705  | .002020  | .18780   |
| %RSD   | .4957428 | 36.09200 | .3555402 | 7.309189 | 18.58477 | .1890232 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3097909 | .0074781 | .4525777 | -.054926 | -.010922 | 99.50217 |
| #2 | .3067462 | .0134431 | .4535161 | -.049135 | -.012866 | 99.41823 |
| #3 | .3080451 | .0075452 | .4503837 | -.048026 | -.008826 | 99.14314 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5761605 | .0138317 | -.000948 | 80.30127 | .6755620 | .0736606 |
| Stddev | .0020291 | .0000300 | .000179  | .26509   | .0011366 | .0003828 |
| %RSD   | .3521770 | .2169675 | 18.93131 | .3301227 | .1682404 | .5197255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5773603 | .0137972 | -.000919 | 80.59182 | .6744279 | .0739270 |
| #2 | .5773036 | .0138459 | -.001140 | 80.23942 | .6767010 | .0738329 |
| #3 | .5738178 | .0138520 | -.000785 | 80.07257 | .6755572 | .0732219 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1541714 | 312.1992 | .9431970 | 22.89523 | .1632662 | -.001441 |
| Stddev | .0006894 | .6141    | .0038883 | .07922   | .0009056 | .000170  |
| %RSD   | .4471845 | .1966961 | .4122511 | .3459946 | .5546819 | 11.81249 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1549671 | 311.6425 | .9473019 | 22.98627 | .1625974 | -.001538 |
| #2 | .1537970 | 312.8579 | .9427197 | 22.85740 | .1629044 | -.001244 |
| #3 | .1537503 | 312.0972 | .9395693 | 22.84202 | .1642967 | -.001539 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.073026 | .4299105 | .6560133 | 19.76832 | -.270863 | .0217678 |
| Stddev | .009431  | .0013895 | .0003247 | .11177   | .005712  | .0002111 |
| %RSD   | .4549378 | .3232069 | .0494908 | .5653752 | 2.108675 | .9698854 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.063388 | .4314128 | .6557302 | 19.64421 | -.276764 | .0215679 |
| #2 | 2.082235 | .4296474 | .6559420 | 19.86102 | -.265362 | .0219886 |
| #3 | 2.073453 | .4286714 | .6563677 | 19.79973 | -.270463 | .0217470 |

Sample Name: Q1515-01DUP      Acquired: 3/12/2025 14:20:14      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0147325 | .9896087 | F 17.89929 | 9.451112 | F 17.18180 | .1833264 |
| Stddev | .0002651 | .0025192 | .06786     | .018071  | .02995     | .0003011 |
| %RSD   | 1.799693 | .2545667 | .3791468   | .1912089 | .1743354   | .1642132 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0144319 | .9914223 | 17.82352 | 9.432113 | 17.15145 | .1836681 |
| #2 | .0149331 | .9906716 | 17.95450 | 9.468085 | 17.21134 | .1831000 |
| #3 | .0148324 | .9867322 | 17.91986 | 9.453139 | 17.18263 | .1832112 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4199038 |
| Stddev | .0013714 |
| %RSD   | .3265997 |

|    |          |
|----|----------|
| #1 | .4210320 |
| #2 | .4203019 |
| #3 | .4183773 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3737.676 | 85997.76 | 18534.67 | 2435.941 | 4104.068 |
| Stddev    | 5.385    | 109.97   | 118.51   | 7.726    | 2.193    |
| %RSD      | .1440723 | .1278793 | .6394098 | .3171527 | .0534339 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3732.983 | 85964.74 | 18400.55 | 2433.425 | 4106.582 |
| #2 | 3743.555 | 85908.08 | 18578.19 | 2429.787 | 4102.549 |
| #3 | 3736.489 | 86120.46 | 18625.27 | 2444.611 | 4103.074 |

Sample Name: CCV04      Acquired: 3/12/2025 14:24:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.332463 | 5.305029 | 5.093486 | 5.136947 | 5.182722 | 9.983089 |
| Stddev | .017141  | .010789  | .021149  | .014888  | .017499  | .014192  |
| %RSD   | .3214488 | .2033646 | .4152140 | .2898239 | .3376357 | .1421625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.318270 | 5.308929 | 5.082026 | 5.134507 | 5.165328 | 9.990343 |
| #2 | 5.327611 | 5.292833 | 5.080539 | 5.123429 | 5.182515 | 9.966736 |
| #3 | 5.351507 | 5.313325 | 5.117891 | 5.152904 | 5.200323 | 9.992188 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.273639 | 2.404612 | 2.495867 | 23.75246 | 1.058201 | 2.493751 |
| Stddev | .053586  | .0009633 | .006925  | .02696   | .001337  | .007181  |
| %RSD   | .5778362 | .4005970 | .2774728 | .1135066 | .1263243 | .2879586 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.221997 | 2.405938 | 2.491265 | 23.78356 | 1.058844 | 2.487729 |
| #2 | 9.269940 | 2.394385 | 2.492504 | 23.73560 | 1.059094 | 2.491825 |
| #3 | 9.328978 | 2.413513 | 2.503831 | 23.73822 | 1.056664 | 2.501698 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.286753 | 4.974084 | 2.306782 | 24.03709 | 2.491619 | 1.282527 |
| Stddev | .004957  | .009517  | .005354  | .03694   | .004784  | .001497  |
| %RSD   | .3852644 | .1913223 | .2321041 | .1536984 | .1919900 | .1167600 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.283424 | 4.968168 | 2.309904 | 24.05247 | 2.489219 | 1.281043 |
| #2 | 1.284384 | 4.985061 | 2.300599 | 24.06387 | 2.488511 | 1.284038 |
| #3 | 1.292450 | 4.969022 | 2.309842 | 23.99494 | 2.497128 | 1.282500 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.73764 | 2.431301 | 2.585421 | 25.19602 | 4.731709 | 5.199103 |
| Stddev | .06618   | .005552  | .005894  | .08619   | .017350  | .016042  |
| %RSD   | .2475060 | .2283476 | .2279570 | .3420617 | .3666698 | .3085551 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.67422 | 2.432206 | 2.578622 | 25.09785 | 4.738174 | 5.185704 |
| #2 | 26.80627 | 2.425352 | 2.589067 | 25.25925 | 4.712055 | 5.194727 |
| #3 | 26.73244 | 2.436344 | 2.588575 | 25.23097 | 4.744899 | 5.216880 |

Sample Name: CCV04      Acquired: 3/12/2025 14:24:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 5.048723 | 4.739959 | F 5.565412 | 4.775220 | 4.859101 | 4.689802 |
| Stddev | .021104  | .010771  | .036117    | .015637  | .006843  | .006489  |
| %RSD   | .4180061 | .2272462 | .6489559   | .3274516 | .1408295 | .1383747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.035846 | 4.747333 | 5.527233 | 4.757200 | 4.860575 | 4.692661 |
| #2 | 5.037244 | 4.727598 | 5.599035 | 4.783247 | 4.851641 | 4.682374 |
| #3 | 5.073078 | 4.744946 | 5.569969 | 4.785214 | 4.865087 | 4.694371 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.770995 |
| Stddev | .025037  |
| %RSD   | .5247764 |

|    |          |
|----|----------|
| #1 | 4.790262 |
| #2 | 4.742695 |
| #3 | 4.780028 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3193.717 | 71163.73 | 14406.40 | 2059.360 | 4316.659 |
| Stddev    | 8.389    | 172.41   | 26.45    | 9.415    | 10.206   |
| %RSD      | .2626693 | .2422735 | .1835971 | .4572012 | .2364328 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3202.475 | 71265.63 | 14379.40 | 2067.617 | 4325.922 |
| #2 | 3192.920 | 70964.66 | 14432.26 | 2049.107 | 4318.338 |
| #3 | 3185.754 | 71260.89 | 14407.54 | 2061.357 | 4305.718 |

Sample Name: CCB04      Acquired: 3/12/2025 14:28:28      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000159 | -.001132 | .0008469 | -.008791 | -.000515 | .0046863 | -.003216 |
| Stddev | .001313  | .000920  | .0009018 | .001798  | .000791  | .0035046 | .000749  |
| %RSD   | 823.8605 | 81.24300 | 106.4778 | 20.45522 | 153.4393 | 74.78431 | 23.27776 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001140  | -.000071 | .0018464 | -.010851 | -.001278 | .0015342 | -.003404 |
| #2 | -.001486 | -.001703 | .0006004 | -.007987 | -.000568 | .0084603 | -.002391 |
| #3 | -.000131 | -.001623 | .0000941 | -.007535 | .000301  | .0040645 | -.003853 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000160 | .0000880 | -.003564 | -.000212 | .0001083 | .0001023 | .0020865 |
| Stddev | .0000096 | .0000540 | .004508  | .000208  | .0000117 | .0001669 | .0012305 |
| %RSD   | 60.29407 | 61.34837 | 126.4788 | 97.93969 | 10.81017 | 163.2721 | 58.97339 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000191 | .0000276 | -.008292 | -.000076 | .0000949 | .0002896 | .0015424 |
| #2 | .0000052 | .0001315 | .000686  | -.000451 | .0001164 | -.000031 | .0034953 |
| #3 | .0000237 | .0001051 | -.003088 | -.000109 | .0001136 | .000048  | .0012219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000136 | -.001257 | -.000096 | .0004927 | -.051884 | .0008472 | .0002866 |
| Stddev | .000107  | .007585  | .000211  | .0002020 | .008114  | .0004520 | .0003075 |
| %RSD   | 78.83737 | 603.2965 | 220.1575 | 41.00202 | 15.63790 | 53.34864 | 107.2782 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000256 | .005453  | -.000336 | .0006820 | -.061222 | .0013442 | .0005494 |
| #2 | -.000052 | -.009486 | .000057  | .0002800 | -.046556 | .0007363 | .0003620 |
| #3 | -.000099 | .000262  | -.000007 | .0005159 | -.047875 | .0004610 | -.000052 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.115302 | .0025175 | -.000013 | .0002852 | .0008981 | -.044523 | -.003153 |
| Stddev | .020514  | .0000871 | .000211  | .0000422 | .0006361 | .002148  | .001340  |
| %RSD   | 17.79132 | 3.461127 | 1638.233 | 14.78721 | 70.82795 | 4.823810 | 42.51113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.120053 | .0025957 | .000168  | .0002585 | .0015708 | -.044962 | -.001845 |
| #2 | -.133023 | .0025331 | .000037  | .0003338 | .0003063 | -.046417 | -.004523 |
| #3 | -.092829 | .0024236 | -.000244 | .0002633 | .0008173 | -.042190 | -.003091 |

Sample Name: CCB04      Acquired: 3/12/2025 14:28:28      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.006553 | -.003731 | .0000821 |
| Stddev | .001421  | .000862  | .0000494 |
| %RSD   | 21.68460 | 23.10263 | 60.22677 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.008170 | -.004351 | .0001384 |
| #2 | -.005991 | -.002747 | .0000459 |
| #3 | -.005500 | -.004096 | .0000619 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3337.594 | 76325.74 | 14911.51 | 2201.728 | 4838.970 |
| Stddev    | 5.659    | 90.19    | 67.79    | 2.176    | 7.094    |
| %RSD      | .1695428 | .1181709 | .4546395 | .0988210 | .1465940 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3332.537 | 76399.79 | 14837.92 | 2202.531 | 4844.275 |
| #2 | 3336.540 | 76225.29 | 14925.16 | 2199.265 | 4830.912 |
| #3 | 3343.706 | 76352.15 | 14971.43 | 2203.389 | 4841.722 |

Sample Name: Q1540-01      Acquired: 3/12/2025 14:32:48      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0020037 | .0084683 | .0046330 | -.034485 | -.004138 | 23.56963 |
| Stddev | .0014691 | .0007693 | .0011276 | .002636  | .002148  | .06422   |
| %RSD   | 73.31716 | 9.084775 | 24.33835 | 7.642743 | 51.90807 | .2724837 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0011960 | .0086307 | .0035238 | -.032962 | -.002443 | 23.51399 |
| #2 | .0011158 | .0091436 | .0057782 | -.037529 | -.006553 | 23.55499 |
| #3 | .0036994 | .0076308 | .0045972 | -.032965 | -.003417 | 23.63991 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1040480 | .0013060 | -.001419 | 398.5865 | .0033464 | .2202121 |
| Stddev | .0005693 | .0000216 | .000127  | 2.2590   | .0004074 | .0002866 |
| %RSD   | .5471463 | 1.656823 | 8.923603 | .5667600 | 12.17547 | .1301419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1034476 | .0012819 | -.001283 | 400.9759 | .0029131 | .2198954 |
| #2 | .1045800 | .0013120 | -.001440 | 398.2983 | .0034043 | .2202874 |
| #3 | .1041166 | .0013239 | -.001533 | 396.4855 | .0037218 | .2204535 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3056875 | 103.7057 | 10.29917 | 32.48848 | .0621263 | -.001505 |
| Stddev | .0005756 | .5307    | .02404   | .04929   | .0006351 | .000334  |
| %RSD   | .1883089 | .5117643 | .2334287 | .1517160 | 1.022288 | 22.19157 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3056143 | 103.0944 | 10.27853 | 32.54267 | .0627152 | -.001121 |
| #2 | .3051519 | 103.9737 | 10.29341 | 32.44632 | .0614533 | -.001727 |
| #3 | .3062962 | 104.0490 | 10.32557 | 32.47645 | .0622104 | -.001667 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 84.74576 | .0113953 | .9953076 | 3.649968 | 3.963321 | -.001794 |
| Stddev | .83539   | .0005123 | .0018509 | .016507  | .013288  | .000446  |
| %RSD   | .9857641 | 4.495744 | .1859613 | .4522461 | .3352649 | 24.85839 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 83.80111 | .0109892 | .9974354 | 3.632554 | 3.965097 | -.001882 |
| #2 | 85.04894 | .0119709 | .9944170 | 3.665387 | 3.949235 | -.002188 |
| #3 | 85.38723 | .0112258 | .9940703 | 3.651964 | 3.975631 | -.001310 |



Sample Name: Q1540-01      Acquired: 3/12/2025 14:32:48      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -0.004035 | -0.006529 | F 52.14693 | .0251920 | F 410.4737 | .0236340 |
| Stddev | .000617   | .000247   | .31852     | .0039078 | 1.3386     | .0010614 |
| %RSD   | 15.28834  | 3.783317  | .6108184   | 15.51207 | .3261086   | 4.490825 |

|    |           |           |          |          |          |          |
|----|-----------|-----------|----------|----------|----------|----------|
| #1 | -0.003429 | -0.006253 | 51.79019 | .0297042 | 409.3243 | .0226440 |
| #2 | -0.004662 | -0.006604 | 52.24778 | .0229687 | 410.1534 | .0235033 |
| #3 | -0.004015 | -0.006729 | 52.40281 | .0229031 | 411.9434 | .0247547 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8681389 |
| Stddev | .0023203 |
| %RSD   | .2672749 |

|    |          |
|----|----------|
| #1 | .8665536 |
| #2 | .8670609 |
| #3 | .8708021 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3258.218 | 74144.13 | 15777.75 | 2132.993 | 3939.271 |
| Stddev    | 7.685    | 401.68   | 25.29    | 3.626    | 11.914   |
| %RSD      | .2358672 | .5417498 | .1602773 | .1699909 | .3024400 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3265.582 | 74607.71 | 15801.57 | 2135.901 | 3951.492 |
| #2 | 3258.825 | 73925.21 | 15780.47 | 2128.930 | 3938.629 |
| #3 | 3250.247 | 73899.47 | 15751.21 | 2134.149 | 3927.690 |

Sample Name: Q1540-01DUP      Acquired: 3/12/2025 14:37:06      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0016395 | .0079743 | .0056167 | -.032648 | -.006235 | 23.66077 |
| Stddev | .0006053 | .0021737 | .0025473 | .001195  | .000966  | .01965   |
| %RSD   | 36.91815 | 27.25824 | 45.35230 | 3.661681 | 15.49159 | .0830675 |
| #1     | .0012452 | .0056938 | .0029739 | -.031278 | -.007229 | 23.66441 |
| #2     | .0013369 | .0100225 | .0058199 | -.033479 | -.005300 | 23.63956 |
| #3     | .0023364 | .0082066 | .0080563 | -.033187 | -.006176 | 23.67836 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1083603 | .0012420 | -.002177 | 401.6482 | .0031683 | .2204295 |
| Stddev | .0020333 | .0000275 | .000179  | .9931    | .0003337 | .0007308 |
| %RSD   | 1.876435 | 2.215503 | 8.226977 | .2472474 | 10.53114 | .3315270 |
| #1     | .1071518 | .0012532 | -.002115 | 401.6221 | .0027847 | .2210133 |
| #2     | .1072212 | .0012622 | -.002037 | 400.6685 | .0033916 | .2196099 |
| #3     | .1107078 | .0012107 | -.002379 | 402.6541 | .0033284 | .2206653 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3078065 | 108.9738 | 10.35783 | 32.29622 | .0617828 | -.000638 |
| Stddev | .0002233 | .6720    | .03182   | .13613   | .0002847 | .000078  |
| %RSD   | .0725538 | .6166190 | .3071775 | .4214911 | .4607511 | 12.30011 |
| #1     | .3077627 | 108.4428 | 10.37222 | 32.44242 | .0616157 | -.000640 |
| #2     | .3080485 | 108.7495 | 10.32135 | 32.27312 | .0616212 | -.000715 |
| #3     | .3076083 | 109.7293 | 10.37990 | 32.17313 | .0621115 | -.000558 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 89.63891 | .0100901 | 1.003456 | 3.911613 | 3.809397 | -.001895 |
| Stddev | .76772   | .0000906 | .005571  | .048545  | .026489  | .000427  |
| %RSD   | .8564638 | .8980310 | .5551425 | 1.241041 | .6953578 | 22.52766 |
| #1     | 88.89864 | .0101438 | 1.009713 | 3.871156 | 3.839963 | -.002151 |
| #2     | 89.58669 | .0101410 | 1.001619 | 3.898241 | 3.795089 | -.001402 |
| #3     | 90.43142 | .0099855 | .999035  | 3.965443 | 3.793140 | -.002131 |

Sample Name: Q1540-01DUP      Acquired: 3/12/2025 14:37:06      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.004557 | -.006599 | F 54.86903 | .0252825 | F 413.7104 | .0259863 |
| Stddev | .001630  | .000075  | .33217     | .0009566 | .9142      | .0001755 |
| %RSD   | 35.76490 | 1.141263 | .6053849   | 3.783571 | .2209783   | .6754678 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005486 | -.006671 | 54.51362 | .0245398 | 413.9697 | .0257991 |
| #2 | -.005510 | -.006520 | 54.92183 | .0249458 | 412.6946 | .0260126 |
| #3 | -.002675 | -.006605 | 55.17163 | .0263619 | 414.4671 | .0261472 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .8879428 |
| Stddev | .0030149 |
| %RSD   | .3395383 |

|    |          |
|----|----------|
| #1 | .8863922 |
| #2 | .8860188 |
| #3 | .8914175 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3205.857 | 73466.52 | 16439.86 | 2070.849 | 3898.617 |
| Stddev    | 9.193    | 29.84    | 100.99   | 7.004    | 3.166    |
| %RSD      | .2867434 | .0406137 | .6142848 | .3382003 | .0812044 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3216.133 | 73487.70 | 16325.96 | 2066.471 | 3899.997 |
| #2 | 3198.416 | 73479.46 | 16475.15 | 2067.149 | 3900.858 |
| #3 | 3203.022 | 73432.39 | 16518.47 | 2078.926 | 3894.995 |

Sample Name: Q1540-01LX5      Acquired: 3/12/2025 14:41:23      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0015629 | .0013045 | .0006465 | -.013060 | -.004581 | 5.132588 |
| Stddev | .0003661 | .0014379 | .0006104 | .002000  | .001911  | .021556  |
| %RSD   | 23.42214 | 110.2255 | 94.40810 | 15.31624 | 41.70520 | .4199822 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0016118 | .0027957 | .0009715 | -.015255 | -.004467 | 5.126945 |
| #2 | .0019020 | .0011910 | -.000058 | -.012583 | -.006546 | 5.156404 |
| #3 | .0011748 | -.000073 | .001026  | -.011341 | -.002730 | 5.114415 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0187784 | .0003152 | -.001069 | 88.46327 | .0004477 | .0448478 |
| Stddev | .0005354 | .0000473 | .000062  | .16670   | .0000630 | .0003838 |
| %RSD   | 2.851305 | 14.99675 | 5.773386 | .1884346 | 14.07473 | .8557313 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0181624 | .0003578 | -.001064 | 88.43993 | .0003754 | .0452513 |
| #2 | .0190404 | .0002644 | -.001133 | 88.64040 | .0004769 | .0444874 |
| #3 | .0191323 | .0003235 | -.001009 | 88.30947 | .0004908 | .0448048 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0703446 | 23.76805 | 2.278832 | 7.064651 | .0125577 | .0005255 |
| Stddev | .0002993 | .20462   | .004780  | .008607  | .0000849 | .0002274 |
| %RSD   | .4254839 | .8609050 | .2097773 | .1218338 | .6763036 | 43.26209 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0706633 | 23.86407 | 2.277685 | 7.057222 | .0124967 | .0002908 |
| #2 | .0700694 | 23.90701 | 2.284081 | 7.074083 | .0126547 | .0007447 |
| #3 | .0703010 | 23.53308 | 2.274729 | 7.062647 | .0125217 | .0005410 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.43722 | .0030649 | .2167497 | .6889190 | .9006327 | -.000223 |
| Stddev | .07644   | .0006959 | .0003285 | .0282215 | .0037131 | .000137  |
| %RSD   | .4146172 | 22.70690 | .1515821 | 4.096495 | .4122732 | 61.48062 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 18.49323 | .0038083 | .2165602 | .6600066 | .8983705 | -.000337 |
| #2 | 18.46829 | .0024289 | .2165599 | .6903557 | .8986096 | -.000260 |
| #3 | 18.35013 | .0029575 | .2171291 | .7163948 | .9049179 | -.000071 |

Sample Name: Q1540-01LX5      Acquired: 3/12/2025 14:41:23      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -0.002752 | -0.000423 | F 11.56234 | .0007395 | F 83.58432 | .0022124 |
| Stddev | .000224   | .000310   | .06847     | .0008658 | .18692     | .0012189 |
| %RSD   | 8.131180  | 73.17915  | .5922168   | 117.0780 | .2236280   | 55.09434 |

|    |           |           |          |          |          |          |
|----|-----------|-----------|----------|----------|----------|----------|
| #1 | -0.002906 | -0.000106 | 11.62367 | .0014712 | 83.60416 | .0008579 |
| #2 | -0.002856 | -0.000725 | 11.57488 | -.000216 | 83.38828 | .0032209 |
| #3 | -0.002496 | -0.000438 | 11.48846 | .000964  | 83.76053 | .0025584 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1933703 |
| Stddev | .0004803 |
| %RSD   | .2484023 |

|    |          |
|----|----------|
| #1 | .1928312 |
| #2 | .1937527 |
| #3 | .1935269 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3217.274 | 72674.95 | 15879.77 | 2056.412 | 4361.840 |
| Stddev    | 7.765    | 415.18   | 7.54     | 4.673    | 14.386   |
| %RSD      | .2413628 | .5712881 | .0474534 | .2272351 | .3298214 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3208.755 | 72279.82 | 15871.69 | 2051.395 | 4347.144 |
| #2 | 3223.955 | 72637.41 | 15886.61 | 2060.640 | 4375.895 |
| #3 | 3219.112 | 73107.63 | 15881.02 | 2057.200 | 4362.480 |

Sample Name: Q1540-01A      Acquired: 3/12/2025 14:58:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .7791193 | 1.818745 | .9037523 | 1.859242 | .7699711 | 25.50077 |
| Stddev | .0035252 | .011991  | .0029559 | .003032  | .0008293 | .02488   |
| %RSD   | .4524582 | .6592980 | .3270710 | .1630857 | .1077082 | .0975522 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7763492 | 1.831854 | .9057780 | 1.861325 | .7700232 | 25.47257 |
| #2 | .7830873 | 1.808331 | .9003604 | 1.860638 | .7691169 | 25.51013 |
| #3 | .7779214 | 1.816049 | .9051184 | 1.855764 | .7707731 | 25.51961 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2522391 | .1591104 | .1827999 | 392.5554 | .3571150 | .4021164 |
| Stddev | .0009479 | .0005112 | .0001581 | 3.2927   | .0008350 | .0011833 |
| %RSD   | .3757849 | .3212700 | .0865084 | .8387950 | .2338127 | .2942639 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2530658 | .1587324 | .1828687 | 389.7701 | .3568457 | .4019953 |
| #2 | .2524470 | .1596920 | .1826190 | 396.1894 | .3564479 | .4009984 |
| #3 | .2512046 | .1589067 | .1829120 | 391.7066 | .3580514 | .4033556 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5644962 | 106.1822 | 10.33231 | 32.97445 | .5210467 | .0683664 |
| Stddev | .0015474 | .1503    | .02184   | .15196   | .0012439 | .0001652 |
| %RSD   | .2741166 | .1415695 | .2113524 | .4608478 | .2387292 | .2416196 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5661129 | 106.2343 | 10.32381 | 32.80285 | .5201229 | .0681760 |
| #2 | .5630289 | 106.2996 | 10.35712 | 33.09197 | .5205562 | .0684523 |
| #3 | .5643467 | 106.0128 | 10.31600 | 33.02854 | .5224611 | .0684709 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 91.75824 | .2510194 | 1.172056 | 13.48942 | 4.066243 | .3660616 |
| Stddev | .18310   | .0011418 | .002918  | .04125   | .007011  | .0002222 |
| %RSD   | .1995462 | .4548620 | .2489393 | .3057870 | .1724149 | .0606890 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 91.82452 | .2504654 | 1.173008 | 13.53643 | 4.063225 | .3658687 |
| #2 | 91.55123 | .2523325 | 1.174379 | 13.45929 | 4.074258 | .3663045 |
| #3 | 91.89897 | .2502604 | 1.168781 | 13.47254 | 4.061247 | .3660116 |

Sample Name: Q1540-01A      Acquired: 3/12/2025 14:58:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6702925 | .1520599 | F 53.39795 | 5.827450 | F 405.9042 | .2003322 |
| Stddev | .0020576 | .0006559 | .03753     | .012832  | 1.0007     | .0011699 |
| %RSD   | .3069656 | .4313624 | .0702813   | .2202033 | .2465443   | .5840011 |
| #1     | .6721995 | .1517181 | 53.36604   | 5.818802 | 406.7247   | .2016825 |
| #2     | .6681117 | .1528161 | 53.38851   | 5.821354 | 404.7892   | .1996935 |
| #3     | .6705662 | .1516454 | 53.43929   | 5.842194 | 406.1986   | .1996207 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 1.024235 |
| Stddev | .011156  |
| %RSD   | 1.089206 |
| #1     | 1.013076 |
| #2     | 1.035388 |
| #3     | 1.024240 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3173.649 | 73637.23 | 15948.99 | 2054.937 | 3872.504 |
| Stddev    | 3.125    | 379.41   | 116.03   | 18.449   | 7.026    |
| %RSD      | .0984632 | .5152484 | .7275194 | .8977668 | .1814214 |
| #1        | 3172.391 | 74018.72 | 16063.70 | 2067.054 | 3873.561 |
| #2        | 3177.207 | 73259.93 | 15831.68 | 2033.705 | 3878.941 |
| #3        | 3171.350 | 73633.05 | 15951.59 | 2064.053 | 3865.010 |

Sample Name: PB167099TB      Acquired: 3/12/2025 15:02:34      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -.001589 | -.003384 | -.000029 | -.008421 | -.001798 | .0106362 |
| Stddev | .002063  | .000508  | .000733  | .001805  | .000855  | .0047551 |
| %RSD   | 129.8374 | 15.01510 | 2563.227 | 21.43098 | 47.56496 | 44.70722 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001732 | -.002984 | -.000118 | -.007343 | -.001525 | .0120253 |
| #2 | -.003578 | -.003213 | .000745  | -.010505 | -.001113 | .0053412 |
| #3 | .000542  | -.003956 | -.000713 | -.007416 | -.002756 | .0145421 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006554 | -.000049 | -.000011 | .0562278 | -.000465 | -.000013 |
| Stddev | .000352  | .000034  | .000059  | .0066421 | .000261  | .000037  |
| %RSD   | 5.368212 | 70.50403 | 563.2603 | 11.81278 | 56.02559 | 278.3273 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006157 | -.000084 | -.000062 | .0638456 | -.000693 | .000017  |
| #2 | -.006826 | -.000047 | .000054  | .0531901 | -.000522 | -.000002 |
| #3 | -.006680 | -.000015 | -.000023 | .0516478 | -.000181 | -.000054 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005815 | .0028961 | -.000867 | .0209391 | .0000975 | .0006789 |
| Stddev | .0001720 | .0003921 | .000220  | .0062148 | .0001356 | .0002169 |
| %RSD   | 29.58191 | 13.53809 | 25.36942 | 29.68043 | 138.9790 | 31.94983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0003829 | .0033213 | -.000809 | .0252405 | .0001496 | .0004499 |
| #2 | .0006856 | .0025489 | -.000683 | .0237630 | .0001993 | .0007056 |
| #3 | .0006759 | .0028180 | -.001111 | .0138137 | -.000056 | .0008813 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.097501 | .0000845 | .0051338 | -.229612 | .0107055 | -.000312 |
| Stddev | .005706  | .0012008 | .0002198 | .022184  | .0009751 | .000163  |
| %RSD   | 5.851994 | 1421.371 | 4.281416 | 9.661582 | 9.108272 | 52.29200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.098265 | .0004125 | .0049977 | -.252819 | .0110047 | -.000154 |
| #2 | -.091451 | .0010872 | .0050162 | -.208615 | .0114960 | -.000480 |
| #3 | -.102786 | -.001246 | .0053873 | -.227403 | .0096159 | -.000304 |



Sample Name: PB167099TB      Acquired: 3/12/2025 15:02:34      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | -0.001439 | .0015394 | -0.054526 | -0.000929 | F 7.671642 | -0.005871 |
| Stddev | .000518   | .0005285 | .007002   | .001805   | .075228    | .000555   |
| %RSD   | 36.01137  | 34.32899 | 12.84181  | 194.4007  | .9806044   | 9.460497  |

|    |           |          |           |           |          |           |
|----|-----------|----------|-----------|-----------|----------|-----------|
| #1 | -0.000920 | .0011203 | -0.059600 | -0.000977 | 7.589963 | -0.006246 |
| #2 | -0.001957 | .0013649 | -0.057441 | .000900   | 7.686874 | -0.005233 |
| #3 | -0.001441 | .0021331 | -0.046537 | -0.002710 | 7.738089 | -0.006135 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0004908 |
| Stddev | .0000508 |
| %RSD   | 10.35983 |

|    |          |
|----|----------|
| #1 | .0004800 |
| #2 | .0004462 |
| #3 | .0005462 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3367.278 | 77382.22 | 14787.14 | 2195.870 | 4983.929 |
| Stddev    | 25.083   | 315.98   | 46.60    | 11.272   | 41.696   |
| %RSD      | .7449057 | .4083348 | .3151251 | .5133130 | .8366089 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3394.490 | 77653.00 | 14750.87 | 2203.897 | 5031.162 |
| #2 | 3362.262 | 77458.61 | 14839.70 | 2200.728 | 4968.399 |
| #3 | 3345.082 | 77035.05 | 14770.87 | 2182.983 | 4952.228 |

Sample Name: Q1545-01      Acquired: 3/12/2025 15:06:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0514464 | .0021414 | .2362896 | -.025673 | -.006390 | 40.23957 | .1755579 |
| Stddev | .0041969 | .0003040 | .0007257 | .003557  | .001708  | .06401   | .0018172 |
| %RSD   | 8.157918 | 14.19843 | .3071395 | 13.85421 | 26.73199 | .1590813 | 1.035087 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0544839 | .0020826 | .2370871 | -.025635 | -.004464 | 40.25335 | .1749103 |
| #2 | .0466574 | .0024705 | .2361140 | -.029248 | -.006983 | 40.16980 | .1741533 |
| #3 | .0531978 | .0018710 | .2356678 | -.022135 | -.007722 | 40.29558 | .1776102 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040379 | -.003714 | 69.51679 | .1722153 | .0314749 | .1287709 | 119.9776 |
| Stddev | .0000625 | .000228  | .17900   | .0003791 | .0003536 | .0003748 | .6666    |
| %RSD   | 1.548691 | 6.143118 | .2574922 | .2201275 | 1.123539 | .2910873 | .5556021 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0039658 | -.003491 | 69.42137 | .1720542 | .0311416 | .1285459 | 119.2429 |
| #2 | .0040778 | -.003705 | 69.40571 | .1719433 | .0318458 | .1292036 | 120.1462 |
| #3 | .0040701 | -.003947 | 69.72328 | .1726483 | .0314372 | .1285632 | 120.5437 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8726028 | 24.14765 | .0581320 | -.000221 | 4.120961 | .1663083 | .3226091 |
| Stddev | .0038793 | .03152   | .0004083 | .000405  | .009234  | .0016831 | .0002624 |
| %RSD   | .4445698 | .1305494 | .7023189 | 183.1019 | .2240836 | 1.012047 | .0813391 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8703442 | 24.11200 | .0579045 | -.000182 | 4.113791 | .1679828 | .3224122 |
| #2 | .8703819 | 24.17185 | .0586034 | -.000644 | 4.117711 | .1646167 | .3225081 |
| #3 | .8770822 | 24.15910 | .0578883 | .000163  | 4.131381 | .1663253 | .3229070 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.842196 | -.122502 | .0066705 | .1485110 | 1.008722 | 6.005340 | 2.865757 |
| Stddev | .065982  | .001540  | .0001156 | .0011386 | .006926  | .133414  | .002651  |
| %RSD   | 1.129413 | 1.257076 | 1.732554 | .7667003 | .6866581 | 2.221598 | .0925006 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.790391 | -.123214 | .0065769 | .1492084 | 1.001234 | 5.853191 | 2.864195 |
| #2 | 5.819715 | -.120735 | .0067997 | .1471971 | 1.014900 | 6.060498 | 2.868818 |
| #3 | 5.916481 | -.123557 | .0066348 | .1491276 | 1.010031 | 6.102330 | 2.864258 |

Sample Name: Q1545-01      Acquired: 3/12/2025 15:06:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.959061 | .0691493 | .2044712 |
| Stddev | .002327  | .0003870 | .0010676 |
| %RSD   | .1188007 | .5596639 | .5221442 |
| #1     | 1.956712 | .0688631 | .2038821 |
| #2     | 1.959104 | .0689952 | .2038278 |
| #3     | 1.961367 | .0695897 | .2057036 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3238.905 | 72866.13 | 15113.32 | 2104.622 | 4291.864 |
| Stddev    | 7.025    | 160.54   | 21.30    | 7.429    | 10.655   |
| %RSD      | .2169020 | .2203186 | .1409367 | .3529981 | .2482711 |
| #1        | 3232.435 | 72934.04 | 15089.69 | 2107.512 | 4279.567 |
| #2        | 3237.903 | 72682.79 | 15119.22 | 2096.182 | 4297.669 |
| #3        | 3246.378 | 72981.54 | 15131.05 | 2110.172 | 4298.357 |

Sample Name: Q1545-01DUP      Acquired: 3/12/2025 15:11:03      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0508060 | .0013359 | .2348621 | -.025698 | -.006727 | 39.66966 | .1803805 |
| Stddev | .0035218 | .0028592 | .0017547 | .001032  | .002447  | .22470   | .0012533 |
| %RSD   | 6.931758 | 214.0377 | .7471073 | 4.016525 | 36.38214 | .5664344 | .6947890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0499863 | .0025844 | .2368570 | -.024852 | -.009534 | 39.42905 | .1806296 |
| #2 | .0546653 | -.001935 | .2335576 | -.026848 | -.005607 | 39.70588 | .1790214 |
| #3 | .0477664 | .003358  | .2341718 | -.025394 | -.005040 | 39.87406 | .1814905 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037920 | -.004278 | 69.68565 | .1712340 | .0312354 | .1258726 | 122.6302 |
| Stddev | .0000934 | .000092  | .25261   | .0006933 | .0001314 | .0005758 | .3769    |
| %RSD   | 2.463389 | 2.142041 | .3624929 | .4048715 | .4205501 | .4574454 | .3073350 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036855 | -.004177 | 69.39709 | .1710625 | .0311173 | .1265063 | 122.8311 |
| #2 | .0038300 | -.004302 | 69.79310 | .1719970 | .0313768 | .1253815 | 122.1955 |
| #3 | .0038603 | -.004355 | 69.86677 | .1706426 | .0312121 | .1257299 | 122.8641 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8761593 | 23.98676 | .0573589 | .0006946 | 4.096846 | .1668075 | .3085556 |
| Stddev | .0034182 | .04220   | .0004434 | .0000677 | .026937  | .0004488 | .0019788 |
| %RSD   | .3901389 | .1759272 | .7729786 | 9.751114 | .6574971 | .2690429 | .6413146 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8726030 | 23.94802 | .0571482 | .0006222 | 4.101114 | .1672293 | .3066135 |
| #2 | .8764544 | 24.03173 | .0578683 | .0007565 | 4.068031 | .1668571 | .3084842 |
| #3 | .8794204 | 23.98053 | .0570601 | .0007052 | 4.121395 | .1663359 | .3105692 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.957448 | -.113752 | .0070337 | .1478020 | .9977959 | 5.654897 | 2.839090 |
| Stddev | .064085  | .002169  | .0002345 | .0005987 | .0013484 | .117182  | .002971  |
| %RSD   | 1.075704 | 1.906450 | 3.333310 | .4050320 | .1351372 | 2.072226 | .1046624 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.016684 | -.111605 | .0071453 | .1475902 | .9984379 | 5.789276 | 2.839081 |
| #2 | 5.889423 | -.115941 | .0071915 | .1473380 | .9962465 | 5.573983 | 2.842066 |
| #3 | 5.966238 | -.113709 | .0067643 | .1484777 | .9987034 | 5.601433 | 2.836124 |

Sample Name: Q1545-01DUP      Acquired: 3/12/2025 15:11:03      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.908340 | .0690177 | .2071830 |
| Stddev | .006820  | .0002844 | .0012498 |
| %RSD   | .3574043 | .4120556 | .6032450 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.901572 | .0693417 | .2061635 |
| #2 | 1.908237 | .0688093 | .2068081 |
| #3 | 1.915211 | .0689021 | .2085773 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3254.743 | 74109.24 | 15697.55 | 2123.832 | 4326.508 |
| Stddev    | 5.367    | 126.49   | 52.99    | 8.580    | 2.532    |
| %RSD      | .1649013 | .1706813 | .3375789 | .4039753 | .0585180 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3256.730 | 74053.11 | 15755.59 | 2133.003 | 4326.056 |
| #2 | 3258.834 | 74254.08 | 15685.31 | 2122.492 | 4329.235 |
| #3 | 3248.666 | 74020.52 | 15651.75 | 2116.001 | 4324.233 |

Sample Name: Q1545-01LX5      Acquired: 3/12/2025 15:15:13      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0105497 | -.000270 | .0482381 | -.010986 | -.003119 | 8.416669 | .0333637 |
| Stddev | .0017532 | .001533  | .0011662 | .000888  | .001845  | .037776  | .0009191 |
| %RSD   | 16.61799 | 567.3452 | 2.417579 | 8.079997 | 59.16171 | .4488241 | 2.754683 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0102196 | .000327  | .0480945 | -.009966 | -.004994 | 8.408681 | .0327259 |
| #2 | .0089851 | -.002012 | .0471504 | -.011579 | -.001304 | 8.383525 | .0329480 |
| #3 | .0124445 | .000874  | .0494695 | -.011414 | -.003059 | 8.457800 | .0344172 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009103 | -.001064 | 14.79855 | .0361861 | .0065758 | .0272921 | 25.17220 |
| Stddev | .0000536 | .000069  | .01284   | .0004141 | .0002577 | .0001680 | .04799   |
| %RSD   | 5.882221 | 6.456688 | .0867576 | 1.144454 | 3.919214 | .6156011 | .1906577 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009722 | -.001144 | 14.79358 | .0357206 | .0064830 | .0274145 | 25.16157 |
| #2 | .0008793 | -.001029 | 14.78894 | .0363238 | .0063774 | .0271006 | 25.13042 |
| #3 | .0008796 | -.001021 | 14.81313 | .0365138 | .0068671 | .0273613 | 25.22463 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1858672 | 5.091910 | .0112518 | .0003327 | .8198571 | .0357917 | .0654840 |
| Stddev | .0000984 | .029657  | .0002187 | .0001509 | .0043170 | .0012404 | .0003093 |
| %RSD   | .0529660 | .5824382 | 1.943424 | 45.35288 | .5265501 | 3.465739 | .4723766 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1857992 | 5.061727 | .0115010 | .0004767 | .8157259 | .0370306 | .0654785 |
| #2 | .1859800 | 5.092991 | .0110920 | .0001757 | .8243385 | .0345497 | .0651774 |
| #3 | .1858222 | 5.121012 | .0111623 | .0003458 | .8195068 | .0357948 | .0657960 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.092187 | -.028246 | .0012447 | .0293676 | .2160761 | 1.182642 | .5580620 |
| Stddev | .026322  | .000177  | .0002075 | .0008077 | .0067722 | .043686  | .0025617 |
| %RSD   | 2.410071 | .6249274 | 16.66670 | 2.750437 | 3.134197 | 3.693901 | .4590352 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.072885 | -.028316 | .0014027 | .0300144 | .2228178 | 1.135981 | .5602611 |
| #2 | 1.081505 | -.028377 | .0013215 | .0296260 | .2092737 | 1.189377 | .5586756 |
| #3 | 1.122172 | -.028045 | .0010098 | .0284622 | .2161369 | 1.222570 | .5552492 |

Sample Name: Q1545-01LX5      Acquired: 3/12/2025 15:15:13      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .3939669 | .0116117 | .0431884 |
| Stddev | .0038615 | .0012394 | .0002189 |
| %RSD   | .9801508 | 10.67374 | .5067262 |
| #1     | .3984192 | .0111773 | .0434273 |
| #2     | .3915310 | .0106480 | .0429975 |
| #3     | .3919506 | .0130099 | .0431404 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3293.955 | 73826.21 | 15078.22 | 2124.245 | 4637.236 |
| Stddev    | 7.753    | 64.54    | 31.87    | 6.096    | 8.575    |
| %RSD      | .2353590 | .0874154 | .2113589 | .2869699 | .1849266 |
| #1        | 3293.770 | 73847.37 | 15107.26 | 2126.189 | 4638.958 |
| #2        | 3301.798 | 73753.76 | 15044.13 | 2117.414 | 4644.819 |
| #3        | 3286.296 | 73877.52 | 15083.28 | 2129.132 | 4627.930 |

Sample Name: CCV05      Acquired: 3/12/2025 15:25:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.206946 | 5.175834 | 5.008472 | 5.001754 | 5.053719 | 9.843680 | 9.223626 |
| Stddev | .023136  | .053642  | .013838  | .025135  | .025990  | .017546  | .135060  |
| %RSD   | .4443337 | 1.036389 | .2762938 | .5025251 | .5142792 | .1782469 | 1.464279 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.207545 | 5.150347 | 5.013705 | 5.001183 | 5.060216 | 9.848432 | 9.229085 |
| #2 | 5.183516 | 5.139687 | 4.992781 | 4.976909 | 5.025096 | 9.858361 | 9.355874 |
| #3 | 5.229777 | 5.237467 | 5.018931 | 5.027169 | 5.075844 | 9.824248 | 9.085920 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2347067 | 2.455249 | 23.47341 | 1.045643 | 2.446097 | 1.259792 | 4.837550 |
| Stddev | .0012448 | .004321  | .07790   | .001720  | .004626  | .004248  | .009785  |
| %RSD   | .5303801 | .1759760 | .3318464 | .1644672 | .1891177 | .3372306 | .2022765 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2348553 | 2.450824 | 23.42432 | 1.045579 | 2.442318 | 1.260827 | 4.837824 |
| #2 | .2358706 | 2.455464 | 23.56323 | 1.047393 | 2.444717 | 1.255122 | 4.847196 |
| #3 | .2333943 | 2.459458 | 23.43269 | 1.043956 | 2.451256 | 1.263428 | 4.827631 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.267116 | 23.86960 | 2.442223 | 1.251825 | 25.97217 | 2.392454 | 2.528052 |
| Stddev | .004365  | .10781   | .003994  | .000513  | .04229   | .004913  | .011526  |
| %RSD   | .1925279 | .4516750 | .1635325 | .0409815 | .1628186 | .2053352 | .4559069 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.263429 | 23.81083 | 2.438349 | 1.252386 | 25.99269 | 2.389341 | 2.532078 |
| #2 | 2.271935 | 23.99403 | 2.441992 | 1.251380 | 25.92353 | 2.398117 | 2.537025 |
| #3 | 2.265982 | 23.80394 | 2.446327 | 1.251709 | 26.00028 | 2.389904 | 2.515054 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.61088 | 4.643503 | 5.080403 | 4.964313 | 4.663863 | 5.433275 | 4.798299 |
| Stddev | .06401   | .007313  | .019432  | .015579  | .006559  | .013660  | .020481  |
| %RSD   | .2600732 | .1574975 | .3824896 | .3138171 | .1406367 | .2514201 | .4268451 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.64913 | 4.639365 | 5.084281 | 4.954529 | 4.659819 | 5.421147 | 4.795888 |
| #2 | 24.53699 | 4.651947 | 5.059325 | 4.956130 | 4.671431 | 5.430605 | 4.779129 |
| #3 | 24.64653 | 4.639197 | 5.097604 | 4.982278 | 4.660340 | 5.448073 | 4.819879 |



Sample Name: CCV05      Acquired: 3/12/2025 15:25:22      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.774583 | 4.607273 | 4.721007 |
| Stddev | .017413  | .002796  | .018518  |
| %RSD   | .3647002 | .0606810 | .3922462 |
| #1     | 4.787565 | 4.610022 | 4.709403 |
| #2     | 4.754795 | 4.604433 | 4.742363 |
| #3     | 4.781389 | 4.607365 | 4.711255 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3215.086 | 71487.85 | 14363.87 | 2068.084 | 4339.596 |
| Stddev    | 10.038   | 279.20   | 87.11    | 12.209   | 6.701    |
| %RSD      | .3122099 | .3905529 | .6064363 | .5903317 | .1544103 |
| #1        | 3211.647 | 71446.95 | 14384.74 | 2065.508 | 4342.530 |
| #2        | 3226.391 | 71231.36 | 14268.22 | 2057.369 | 4344.328 |
| #3        | 3207.219 | 71785.24 | 14438.65 | 2081.375 | 4331.928 |

Sample Name: CCB05      Acquired: 3/12/2025 15:29:33      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0012356 | -.001157 | -.000530 | -.007875 | -.001757 | .0023952 | -.004625 |
| Stddev | .0019348 | .001594  | .001374  | .001202  | .000456  | .0013704 | .000472  |
| %RSD   | 156.5943 | 137.7810 | 259.4321 | 15.25992 | 25.98118 | 57.21643 | 10.20469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000763 | .000451  | .000803  | -.007701 | -.002069 | .0025296 | -.004952 |
| #2 | .001370  | -.002737 | -.001941 | -.006770 | -.001233 | .0036935 | -.004839 |
| #3 | .003100  | -.001184 | -.000451 | -.009154 | -.001969 | .0009625 | -.004084 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000128 | .0001274 | -.001392 | .0001205 | .0000732 | -.000194 | -.003231 |
| Stddev | .0000531 | .0000222 | .005004  | .0003901 | .0002166 | .000336  | .001445  |
| %RSD   | 413.8260 | 17.39574 | 359.5511 | 323.6596 | 295.9345 | 173.5663 | 44.73304 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000034 | .0001037 | -.005305 | .0001011 | -.000072 | .000083  | -.004666 |
| #2 | .000071  | .0001309 | .004247  | -.000260 | -.000030 | -.000096 | -.003253 |
| #3 | .000002  | .0001476 | -.003117 | .000520  | .000322  | -.000568 | -.001775 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000266 | .0078996 | -.000166 | .0007763 | -.014399 | .0007120 | -.000028 |
| Stddev | .000058  | .0063351 | .000219  | .0000835 | .005589  | .0015917 | .000109  |
| %RSD   | 21.90566 | 80.19562 | 132.1919 | 10.75949 | 38.81804 | 223.5547 | 392.8406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000306 | .0006212 | -.000218 | .0008724 | -.018786 | .0001622 | -.000133 |
| #2 | -.000293 | .0121732 | .000075  | .0007210 | -.016306 | -.000532 | .000084  |
| #3 | -.000199 | .0109044 | -.000355 | .0007354 | -.008106 | .002506  | -.000034 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.078156 | .0083241 | -.000010 | .0002346 | .0017158 | -.042547 | -.003269 |
| Stddev | .013555  | .0001817 | .000169  | .0002152 | .0003199 | .001788  | .000691  |
| %RSD   | 17.34389 | 2.182557 | 1764.466 | 91.73526 | 18.64150 | 4.202894 | 21.14555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.093441 | .0085127 | .000155  | .0001534 | .0013581 | -.043142 | -.003794 |
| #2 | -.073434 | .0081503 | -.000002 | .0000717 | .0019741 | -.043963 | -.002486 |
| #3 | -.067594 | .0083091 | -.000182 | .0004785 | .0018154 | -.040538 | -.003529 |

Sample Name: CCB05      Acquired: 3/12/2025 15:29:33      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000545 | -.003764 | .0001443 |
| Stddev | .000620  | .001042  | .0000286 |
| %RSD   | 113.6934 | 27.67201 | 19.84258 |
| #1     | -.000468 | -.003513 | .0001732 |
| #2     | .000032  | -.004908 | .0001160 |
| #3     | -.001201 | -.002871 | .0001436 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3334.119 | 76147.69 | 14803.48 | 2184.633 | 4873.341 |
| Stddev    | 4.349    | 289.14   | 58.02    | 10.212   | 4.473    |
| %RSD      | .1304385 | .3797054 | .3919579 | .4674584 | .0917779 |
| #1        | 3338.061 | 75816.44 | 14801.36 | 2172.976 | 4878.152 |
| #2        | 3329.453 | 76277.21 | 14862.53 | 2188.922 | 4872.561 |
| #3        | 3334.842 | 76349.43 | 14746.55 | 2192.002 | 4869.309 |

Sample Name: Q1545-01MS      Acquired: 3/12/2025 15:33:54      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8542774 | 1.953537 | 1.281771 | 1.764159 | .5090215 | 46.68123 | .3540530 |
| Stddev | .0025661 | .009634  | .002308  | .006263  | .0019782 | .06179   | .0018039 |
| %RSD   | .3003865 | .4931463 | .1800911 | .3550147 | .3886366 | .1323692 | .5094938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8527547 | 1.944328 | 1.282680 | 1.761734 | .5100118 | 46.62691 | .3528352 |
| #2 | .8528374 | 1.952738 | 1.279146 | 1.759471 | .5067437 | 46.74846 | .3561254 |
| #3 | .8572401 | 1.963545 | 1.283485 | 1.771272 | .5103090 | 46.66832 | .3531984 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1860638 | .1881483 | 55.23748 | .5911956 | .2226969 | .4141542 | 124.0470 |
| Stddev | .0008403 | .0005431 | .16934   | .0017142 | .0004187 | .0008800 | .5205    |
| %RSD   | .4516304 | .2886413 | .3065593 | .2899603 | .1879897 | .2124705 | .4196345 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1861615 | .1885696 | 55.23125 | .5892639 | .2231149 | .4134222 | 123.4459 |
| #2 | .1868510 | .1875354 | 55.40985 | .5917872 | .2222776 | .4139101 | 124.3499 |
| #3 | .1851789 | .1883398 | 55.07135 | .5925356 | .2226982 | .4151305 | 124.3452 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9900174 | 21.59837 | .5391095 | .0741444 | 4.950255 | .4246819 | 6.944867 |
| Stddev | .0045465 | .04507   | .0017676 | .0003281 | .039093  | .0010546 | .012421  |
| %RSD   | .4592330 | .2086620 | .3278730 | .4425444 | .7897088 | .2483238 | .1788493 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9905997 | 21.61589 | .5409640 | .0737739 | 4.909068 | .4253757 | 6.958804 |
| #2 | .9942447 | 21.63204 | .5374440 | .0743982 | 4.954851 | .4234683 | 6.934967 |
| #3 | .9852079 | 21.54717 | .5389207 | .0742612 | 4.986847 | .4252016 | 6.940830 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.98638 | .0857552 | .3969996 | .6953222 | 1.100650 | 7.150141 | 8.044865 |
| Stddev | .06305   | .0000462 | .0001432 | .0021183 | .002380  | .141391  | .029376  |
| %RSD   | .3944294 | .0538555 | .0360663 | .3046450 | .2162276 | 1.977451 | .3651545 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.91864 | .0857870 | .3968710 | .6963966 | 1.098876 | 6.987863 | 8.058725 |
| #2 | 15.99713 | .0857762 | .3969741 | .6928820 | 1.103354 | 7.215761 | 8.011123 |
| #3 | 16.04337 | .0857022 | .3971539 | .6966879 | 1.099718 | 7.246797 | 8.064747 |

Sample Name: Q1545-01MS      Acquired: 3/12/2025 15:33:54      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.695941 | .2640773 | .3464542 |
| Stddev | .007502  | .0009863 | .0007578 |
| %RSD   | .4423672 | .3734836 | .2187253 |
| #1     | 1.697115 | .2636781 | .3456200 |
| #2     | 1.687920 | .2652007 | .3471000 |
| #3     | 1.702787 | .2633533 | .3466426 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3240.838 | 74508.35 | 14909.45 | 2102.427 | 4335.847 |
| Stddev    | 6.470    | 290.08   | 26.19    | 6.161    | 8.720    |
| %RSD      | .1996385 | .3893312 | .1756596 | .2930308 | .2011147 |
| #1        | 3246.741 | 74809.34 | 14913.97 | 2106.065 | 4332.656 |
| #2        | 3241.852 | 74485.16 | 14881.29 | 2105.902 | 4345.713 |
| #3        | 3233.921 | 74230.56 | 14933.08 | 2095.314 | 4329.171 |

Sample Name: Q1545-01MSD      Acquired: 3/12/2025 15:37:54      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8596391 | 1.947793 | 1.291119 | 1.769756 | .5132283 | 45.62528 | .3646191 |
| Stddev | .0049840 | .014758  | .002910  | .010173  | .0009370 | .10628   | .0016992 |
| %RSD   | .5797729 | .7576625 | .2253665 | .5748148 | .1825642 | .2329495 | .4660144 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8631707 | 1.964258 | 1.292230 | 1.779784 | .5138190 | 45.60708 | .3642006 |
| #2 | .8539381 | 1.943365 | 1.287817 | 1.759444 | .5121479 | 45.52928 | .3631683 |
| #3 | .8618086 | 1.935756 | 1.293309 | 1.770040 | .5137179 | 45.73950 | .3664884 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1756873 | .1865394 | 55.23618 | .5970308 | .2224078 | .4113457 | 133.9018 |
| Stddev | .0013020 | .0006518 | .13870   | .0015947 | .0007794 | .0006707 | .9036    |
| %RSD   | .7410918 | .3494230 | .2510981 | .2671110 | .3504429 | .1630407 | .6747970 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1749362 | .1861630 | 55.29230 | .5984785 | .2224477 | .4113091 | 134.9266 |
| #2 | .1749349 | .1861631 | 55.07822 | .5972924 | .2216092 | .4106940 | 133.5591 |
| #3 | .1771907 | .1872920 | 55.33803 | .5953213 | .2231665 | .4120338 | 133.2198 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9812229 | 21.55979 | .5395504 | .0770378 | 5.102185 | .4276277 | 7.031606 |
| Stddev | .0043619 | .03763   | .0015569 | .0004235 | .026928  | .0022577 | .008260  |
| %RSD   | .4445367 | .1745402 | .2885463 | .5496649 | .5277744 | .5279588 | .1174699 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9835229 | 21.58771 | .5381264 | .0768133 | 5.129904 | .4285236 | 7.025152 |
| #2 | .9761923 | 21.51700 | .5393121 | .0767738 | 5.100526 | .4250596 | 7.040915 |
| #3 | .9839533 | 21.57467 | .5412126 | .0775262 | 5.076125 | .4292999 | 7.028750 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.47066 | .1236854 | .4064197 | .6967445 | 1.065649 | 6.363088 | 8.015118 |
| Stddev | .10518   | .0032910 | .0006782 | .0015779 | .017395  | .043912  | .026172  |
| %RSD   | .6020264 | 2.660810 | .1668622 | .2264610 | 1.632345 | .6900979 | .3265308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.56819 | .1274589 | .4062135 | .6959688 | 1.068003 | 6.340703 | 7.998743 |
| #2 | 17.48459 | .1214094 | .4058686 | .6957046 | 1.047196 | 6.334881 | 8.001309 |
| #3 | 17.35922 | .1221880 | .4071770 | .6985600 | 1.081747 | 6.413682 | 8.045302 |

Sample Name: Q1545-01MSD      Acquired: 3/12/2025 15:37:54      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.656523 | .2687687 | .3518501 |
| Stddev | .001155  | .0014862 | .0017129 |
| %RSD   | .0697057 | .5529833 | .4868231 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.655943 | .2695745 | .3527494 |
| #2 | 1.655773 | .2670535 | .3498749 |
| #3 | 1.657852 | .2696779 | .3529261 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3233.788 | 72450.17 | 15856.18 | 2058.666 | 4327.889 |
| Stddev    | 1.924    | 187.54   | 75.27    | 3.403    | 6.246    |
| %RSD      | .0594859 | .2588525 | .4747131 | .1652957 | .1443160 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3234.125 | 72329.68 | 15916.02 | 2055.752 | 4333.395 |
| #2 | 3231.718 | 72354.58 | 15880.83 | 2057.841 | 4329.170 |
| #3 | 3235.521 | 72666.24 | 15771.67 | 2062.406 | 4321.102 |

Sample Name: Q1545-01A      Acquired: 3/12/2025 15:41:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .8349959 | 1.926145 | 1.273097 | 1.725044 | .4976534 | 45.31451 | .3523065 |
| Stddev | .0006877 | .005869  | .000348  | .006538  | .0010989 | .05241   | .0009683 |
| %RSD   | .0823547 | .3046830 | .0273129 | .3789808 | .2208229 | .1156566 | .2748523 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8357659 | 1.932201 | 1.273221 | 1.732274 | .4964887 | 45.33276 | .3531933 |
| #2 | .8347788 | 1.925750 | 1.273366 | 1.719549 | .4977994 | 45.35535 | .3524528 |
| #3 | .8344429 | 1.920483 | 1.272704 | 1.723307 | .4986720 | 45.25541 | .3512733 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1856184 | .1857023 | 54.90212 | .5887420 | .2208853 | .4090253 | 126.3767 |
| Stddev | .0008274 | .0003086 | .19188   | .0012934 | .0006536 | .0004218 | .5041    |
| %RSD   | .4457565 | .1661790 | .3495000 | .2196843 | .2958985 | .1031288 | .3989134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1865568 | .1859094 | 55.03250 | .5886047 | .2216012 | .4095124 | 126.2554 |
| #2 | .1853051 | .1853476 | 54.99208 | .5875227 | .2207343 | .4087867 | 126.9304 |
| #3 | .1849935 | .1858500 | 54.68179 | .5900985 | .2203204 | .4087769 | 125.9442 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9801398 | 21.62924 | .5346288 | .0750367 | 4.826877 | .4246667 | 6.980090 |
| Stddev | .0039331 | .05272   | .0007782 | .0001395 | .016909  | .0008121 | .009869  |
| %RSD   | .4012765 | .2437243 | .1455533 | .1859405 | .3503122 | .1912391 | .1413876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9826424 | 21.68492 | .5354781 | .0750023 | 4.807648 | .4237308 | 6.978003 |
| #2 | .9821707 | 21.58009 | .5344581 | .0751903 | 4.833563 | .4250824 | 6.990835 |
| #3 | .9756065 | 21.62273 | .5339501 | .0749177 | 4.839422 | .4251868 | 6.971430 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.07054 | .1001429 | .4011158 | .6858818 | 1.015325 | 5.102370 | 7.957741 |
| Stddev | .04584   | .0024649 | .0017599 | .0022024 | .009203  | .062793  | .017334  |
| %RSD   | .2852464 | 2.461351 | .4387491 | .3211105 | .9064473 | 1.230655 | .2178318 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 16.06823 | .0994626 | .4030886 | .6884049 | 1.025557 | 5.031312 | 7.955779 |
| #2 | 16.11750 | .1028764 | .3997073 | .6848962 | 1.012695 | 5.125408 | 7.941471 |
| #3 | 16.02590 | .0980896 | .4005514 | .6843442 | 1.007723 | 5.150389 | 7.975973 |



Sample Name: Q1545-01A      Acquired: 3/12/2025 15:41:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.638892 | .2614653 | .3431297 |
| Stddev | .003436  | .0007075 | .0015120 |
| %RSD   | .2096798 | .2705848 | .4406417 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 1.642771 | .2609512 | .3435613 |
| #2 | 1.636229 | .2622721 | .3443789 |
| #3 | 1.637676 | .2611725 | .3414488 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3287.029 | 73174.95 | 15045.28 | 2085.365 | 4392.365 |
| Stddev    | 7.720    | 111.34   | 43.60    | 7.204    | 2.565    |
| %RSD      | .2348719 | .1521494 | .2897951 | .3454777 | .0583953 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3278.578 | 73142.60 | 14997.51 | 2085.850 | 4389.544 |
| #2 | 3293.711 | 73083.38 | 15055.38 | 2077.930 | 4392.994 |
| #3 | 3288.797 | 73298.88 | 15082.94 | 2092.314 | 4394.556 |

Sample Name: Q1547-01      Acquired: 3/12/2025 15:45:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0228730 | -.010029 | .1125416 | -.031300 | -.006165 | 83.87996 |
| Stddev | .0030576 | .003331  | .0011047 | .001792  | .001062  | .24182   |
| %RSD   | 13.36756 | 33.21523 | .9815551 | 5.726092 | 17.23492 | .2882936 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0248072 | -.013795 | .1112696 | -.033352 | -.005298 | 84.00423 |
| #2 | .0193480 | -.007469 | .1132600 | -.030502 | -.005846 | 84.03439 |
| #3 | .0244638 | -.008822 | .1130953 | -.030044 | -.007350 | 83.60128 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2519624 | .0058263 | -.000186 | 14.04848 | .1713673 | .0770643 |
| Stddev | .0012063 | .0000160 | .000156  | .02528   | .0004796 | .0000494 |
| %RSD   | .4787814 | .2745376 | 84.09401 | .1799456 | .2798786 | .0640623 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2532517 | .0058447 | -.000364 | 14.06655 | .1717835 | .0770707 |
| #2 | .2517745 | .0058191 | -.000121 | 14.05931 | .1714757 | .0771101 |
| #3 | .2508610 | .0058153 | -.000073 | 14.01960 | .1708428 | .0770120 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1612461 | 135.4391 | .9468118 | 22.30002 | .1420978 | -.000475 |
| Stddev | .0003137 | .2246    | .0016839 | .08896   | .0011050 | .000291  |
| %RSD   | .1945178 | .1658606 | .1778498 | .3989212 | .7776497 | 61.28688 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1613164 | 135.5078 | .9479131 | 22.32882 | .1417862 | -.000688 |
| #2 | .1609033 | 135.1881 | .9448734 | 22.37101 | .1411821 | -.000596 |
| #3 | .1615186 | 135.6213 | .9476490 | 22.20022 | .1433252 | -.000143 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.14029 | .2741994 | .3702348 | 5.544785 | -.168195 | .0006636 |
| Stddev | .01298   | .0019416 | .0005343 | .031735  | .002649  | .0003397 |
| %RSD   | .0644717 | .7080844 | .1443098 | .5723417 | 1.574845 | 51.19441 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 20.13372 | .2758069 | .3706241 | 5.551556 | -.168847 | .0008243 |
| #2 | 20.15525 | .2747490 | .3696257 | 5.510211 | -.170457 | .0002733 |
| #3 | 20.13190 | .2720422 | .3704547 | 5.572589 | -.165281 | .0008932 |

Sample Name: Q1547-01      Acquired: 3/12/2025 15:45:53      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0004539 | 3.539871 | F 11.23713 | 5.512958 | .1331306 | .1369025 |
| Stddev | .0018970 | .004645  | .14764     | .016855  | .0043322 | .0005716 |
| %RSD   | 417.9669 | .1312066 | 1.313871   | .3057395 | 3.254075 | .4175097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007034 | 3.536508 | 11.35727 | 5.502197 | .1361967 | .1374931 |
| #2 | .0022138 | 3.537935 | 11.28181 | 5.504294 | .1350207 | .1363521 |
| #3 | -.001556 | 3.545171 | 11.07231 | 5.532383 | .1281746 | .1368622 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0639029 |
| Stddev | .0002220 |
| %RSD   | .3473556 |

|    |          |
|----|----------|
| #1 | .0641317 |
| #2 | .0636884 |
| #3 | .0638885 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3850.274 | 87417.97 | 17949.75 | 2507.238 | 4384.774 |
| Stddev    | 14.830   | 141.17   | 16.48    | 10.534   | 20.823   |
| %RSD      | .3851612 | .1614877 | .0917865 | .4201593 | .4748923 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3860.237 | 87488.37 | 17931.50 | 2495.207 | 4397.066 |
| #2 | 3857.354 | 87510.10 | 17954.24 | 2511.703 | 4396.524 |
| #3 | 3833.231 | 87255.45 | 17963.52 | 2514.805 | 4360.732 |

Sample Name: Q1547-06      Acquired: 3/12/2025 15:49:58      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0372238 | -.003430 | .5596222 | -.035945 | -.006161 | 95.21966 | .3634478 |
| Stddev | .0018031 | .000457  | .0020480 | .004598  | .001329  | .40188   | .0017094 |
| %RSD   | 4.844082 | 13.31763 | .3659581 | 12.79285 | 21.56773 | .4220539 | .4703316 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0373701 | -.003903 | .5608422 | -.039194 | -.004748 | 94.78418 | .3616136 |
| #2 | .0353520 | -.002991 | .5607665 | -.030684 | -.006351 | 95.57624 | .3649964 |
| #3 | .0389493 | -.003395 | .5572578 | -.037958 | -.007385 | 95.29855 | .3637336 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073734 | -.001483 | 21.66556 | .2002918 | .1070201 | .2585054 | 187.9045 |
| Stddev | .0001243 | .000074  | .08218   | .0003994 | .0001889 | .0009708 | .6852    |
| %RSD   | 1.685796 | 4.965129 | .3793073 | .1994140 | .1765504 | .3755329 | .3646549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0075169 | -.001510 | 21.58868 | .2004625 | .1069339 | .2580483 | 187.6497 |
| #2 | .0073032 | -.001400 | 21.75217 | .1998354 | .1068897 | .2578476 | 187.3832 |
| #3 | .0073001 | -.001540 | 21.65581 | .2005775 | .1072368 | .2596204 | 188.6806 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.157725 | 25.16509 | .2189528 | -.000090 | 5.899574 | .2717109 | .5762209 |
| Stddev | .005841  | .03453   | .0001188 | .000442  | .043408  | .0020832 | .0028946 |
| %RSD   | .5045635 | .1372263 | .0542634 | 490.8494 | .7357826 | .7667088 | .5023469 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.152032 | 25.12521 | .2188517 | -.000592 | 5.857519 | .2693309 | .5736328 |
| #2 | 1.163704 | 25.18509 | .2190836 | .000079  | 5.896983 | .2732034 | .5756832 |
| #3 | 1.157438 | 25.18495 | .2189231 | .000242  | 5.944219 | .2725985 | .5793467 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.479928 | -.202536 | .0042107 | .0101026 | 2.414558 | 8.864446 | 7.230190 |
| Stddev | .026756  | .004817  | .0005037 | .0011766 | .003510  | .157656  | .001585  |
| %RSD   | .3577100 | 2.378190 | 11.96175 | 11.64665 | .1453785 | 1.778518 | .0219229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.475145 | -.200301 | .0039524 | .0110361 | 2.414812 | 8.745520 | 7.231595 |
| #2 | 7.455885 | -.208064 | .0038886 | .0087810 | 2.417934 | 8.804544 | 7.230502 |
| #3 | 7.508753 | -.199242 | .0047911 | .0104909 | 2.410928 | 9.043273 | 7.228472 |

Sample Name: Q1547-06      Acquired: 3/12/2025 15:49:58      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.297189 | .1742412 | .1312422 |
| Stddev | .006300  | .0007822 | .0005465 |
| %RSD   | .4856352 | .4489443 | .4164334 |
| #1     | 1.290435 | .1736301 | .1307556 |
| #2     | 1.298225 | .1751228 | .1318335 |
| #3     | 1.302906 | .1739707 | .1311374 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3887.920 | 86802.75 | 18723.14 | 2487.675 | 4309.182 |
| Stddev    | 6.664    | 383.18   | 69.04    | 15.635   | 5.066    |
| %RSD      | .1714018 | .4414388 | .3687156 | .6284973 | .1175646 |
| #1        | 3894.406 | 86899.07 | 18787.27 | 2488.669 | 4308.686 |
| #2        | 3881.091 | 87128.58 | 18650.07 | 2502.789 | 4304.382 |
| #3        | 3888.265 | 86380.60 | 18732.08 | 2471.567 | 4314.478 |

Sample Name: Q1549-01      Acquired: 3/12/2025 15:54:04      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0531712 | -.000589 | .9064251 | -.043749 | -.004648 | 114.5210 | .7348370 |
| Stddev | .0016926 | .001155  | .0031302 | .004658  | .001418  | .0142    | .0004732 |
| %RSD   | 3.183220 | 196.0314 | .3453357 | 10.64666 | 30.51710 | .0123850 | .0643929 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0522734 | -.000041 | .9094110 | -.038747 | -.005106 | 114.5084 | .7353833 |
| #2 | .0551235 | .000190  | .9031682 | -.047962 | -.005781 | 114.5363 | .7345666 |
| #3 | .0521167 | -.001917 | .9066962 | -.044539 | -.003057 | 114.5182 | .7345609 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084659 | -.003016 | 15.94284 | .2384550 | .1032779 | .2756877 | 238.8032 |
| Stddev | .0000285 | .000266  | .02551   | .0011166 | .0001096 | .0010370 | .6996    |
| %RSD   | .3361038 | 8.814589 | .1599847 | .4682829 | .1060940 | .3761312 | .2929659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084459 | -.003135 | 15.95690 | .2397004 | .1034029 | .2754720 | 239.6100 |
| #2 | .0084532 | -.002711 | 15.91340 | .2375432 | .1031982 | .2768156 | 238.3654 |
| #3 | .0084984 | -.003200 | 15.95822 | .2381213 | .1032327 | .2747756 | 238.4340 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.684297 | 31.18222 | .2191107 | .0002079 | 4.406527 | .3282366 | 1.164039 |
| Stddev | .014319  | .08877   | .0005146 | .0001798 | .016618  | .0001118 | .006650  |
| %RSD   | .3056912 | .2846704 | .2348344 | 86.46722 | .3771187 | .0340620 | .5712448 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.696417 | 31.26954 | .2190421 | .0002335 | 4.389604 | .3281086 | 1.159331 |
| #2 | 4.668497 | 31.09207 | .2186339 | .0000167 | 4.422822 | .3282859 | 1.171645 |
| #3 | 4.687977 | 31.18505 | .2196561 | .0003736 | 4.407154 | .3283152 | 1.161139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.55786 | -.219039 | .0013962 | .0170696 | 4.003047 | 7.378661 | 6.902123 |
| Stddev | .00739   | .000443  | .0003040 | .0001711 | .009971  | .045892  | .008081  |
| %RSD   | .0639575 | .2020339 | 21.77097 | 1.002207 | .2490822 | .6219534 | .1170755 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.55561 | -.218944 | .0010588 | .0171335 | 4.005280 | 7.325797 | 6.908218 |
| #2 | 11.56611 | -.218653 | .0014811 | .0168758 | 3.992149 | 7.408281 | 6.905193 |
| #3 | 11.55185 | -.219522 | .0016488 | .0171996 | 4.011712 | 7.401903 | 6.892957 |

Sample Name: Q1549-01      Acquired: 3/12/2025 15:54:04      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.136636 | .2192913 | .0954002 |
| Stddev | .008143  | .0010329 | .0001319 |
| %RSD   | .7164027 | .4710013 | .1382253 |
| #1     | 1.144989 | .2200933 | .0952481 |
| #2     | 1.136198 | .2196549 | .0954711 |
| #3     | 1.128721 | .2181259 | .0954815 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3610.569 | 80838.63 | 17832.74 | 2301.625 | 4248.510 |
| Stddev    | 1.772    | 293.08   | 39.84    | 14.125   | 3.750    |
| %RSD      | .0490745 | .3625497 | .2234167 | .6137050 | .0882570 |
| #1        | 3609.220 | 80613.37 | 17789.39 | 2310.018 | 4244.797 |
| #2        | 3609.911 | 80732.55 | 17841.06 | 2285.317 | 4252.295 |
| #3        | 3612.576 | 81169.99 | 17867.76 | 2309.540 | 4248.438 |

Sample Name: Q1515-01LX5      Acquired: 3/12/2025 15:58:08      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .0708533 | .0021341 | .0936829 | -.018999 | -.003244 | 21.95401 | .1187296 |
| Stddev | .0007646 | .0009285 | .0008280 | .003282  | .001252  | 1.72012  | .0101114 |
| %RSD   | 1.079069 | 43.50991 | .8837793 | 17.27516 | 38.58400 | 7.835118 | 8.516307 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0716967 | .0018530 | .0927861 | -.015272 | -.002636 | 20.09946 | .1076210 |
| #2 | .0702057 | .0013786 | .0938444 | -.021460 | -.004684 | 22.26540 | .1211712 |
| #3 | .0706575 | .0031707 | .0944182 | -.020263 | -.002413 | 23.49717 | .1273966 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033593 | -.003047 | 18.05980 | .1672119 | .0147594 | .0397268 | 73.22087 |
| Stddev | .0003024 | .000220  | 1.39485  | .0004497 | .0001956 | .0005735 | 1.00620  |
| %RSD   | 9.002404 | 7.222660 | 7.723490 | .2689653 | 1.325222 | 1.443716 | 1.374200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0030714 | -.002794 | 16.54560 | .1667742 | .0145790 | .0403836 | 72.08321 |
| #2 | .0033321 | -.003155 | 18.34148 | .1671887 | .0149673 | .0393252 | 73.58541 |
| #3 | .0036744 | -.003193 | 19.29230 | .1676728 | .0147320 | .0394715 | 73.99399 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2127660 | 5.252258 | .0336368 | -.000441 | .4127185 | .0970050 | .1580626 |
| Stddev | .0163879 | .409327  | .0006178 | .000371  | .0090030 | .0075078 | .0005920 |
| %RSD   | 7.702332 | 7.793345 | 1.836558 | 84.16283 | 2.181398 | 7.739606 | .3745349 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1950264 | 4.815561 | .0337958 | -.000859 | .4025017 | .0884459 | .1587462 |
| #2 | .2159308 | 5.314018 | .0329551 | -.000148 | .4161634 | .1000920 | .1577154 |
| #3 | .2273406 | 5.627196 | .0341595 | -.000317 | .4194904 | .1024773 | .1577263 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.206986 | -.064434 | .0047657 | .0018511 | .2209627 | 4.006138 | 1.909906 |
| Stddev | .076848  | .011641  | .0002953 | .0008174 | .0169078 | .047923  | .005344  |
| %RSD   | 1.826666 | 18.06720 | 6.196164 | 44.15864 | 7.651866 | 1.196238 | .2797845 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.118663 | -.051837 | .0051047 | .0027320 | .2028480 | 3.953973 | 1.904275 |
| #2 | 4.258555 | -.066670 | .0046278 | .0011171 | .2237140 | 4.016229 | 1.910539 |
| #3 | 4.243740 | -.074795 | .0045646 | .0017041 | .2363261 | 4.048212 | 1.914906 |



Sample Name: Q1515-01LX5      Acquired: 3/12/2025 15:58:08      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 3.382476 | .0386462 | .0902995 |
| Stddev | .011612  | .0027921 | .0071005 |
| %RSD   | .3432914 | 7.224799 | 7.863250 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.369108 | .0356328 | .0826444 |
| #2 | 3.388263 | .0391603 | .0915843 |
| #3 | 3.390056 | .0411456 | .0966699 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3430.840 | 75263.41 | 16613.63 | 2175.994 | 4568.447 |
| Stddev    | 4.569    | 84.67    | 1070.27  | 8.641    | 6.007    |
| %RSD      | .1331798 | .1125013 | 6.442131 | .3971144 | .1314892 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3429.287 | 75360.31 | 17771.55 | 2168.246 | 4568.923 |
| #2 | 3435.983 | 75226.27 | 16408.72 | 2185.313 | 4574.202 |
| #3 | 3427.249 | 75203.66 | 15660.64 | 2174.423 | 4562.216 |

Sample Name: Q1515-01MS      Acquired: 3/12/2025 16:02:19      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.013192 | 1.838751 | 2.413440 | 1.463022 | .2601970 | 115.5031 |
| Stddev | .002492  | .013106  | .005724  | .001839  | .0019838 | .4192    |
| %RSD   | .2459600 | .7127429 | .2371815 | .1257206 | .7624249 | .3629236 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.010978 | 1.834006 | 2.406909 | 1.463304 | .2579396 | 115.8186 |
| #2 | 1.012707 | 1.828679 | 2.417585 | 1.461058 | .2609886 | 115.0275 |
| #3 | 1.015891 | 1.853568 | 2.415826 | 1.464704 | .2616627 | 115.6633 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6767563 | .1586381 | .1880458 | 118.2015 | 1.078952 | .2731507 |
| Stddev | .0015328 | .0007256 | .0002130 | .5141    | .002961  | .0007234 |
| %RSD   | .2264898 | .4573689 | .1132729 | .4349125 | .2744450 | .2648360 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6778187 | .1591630 | .1880499 | 118.3678 | 1.075552 | .2725492 |
| #2 | .6749992 | .1578102 | .1878308 | 117.6249 | 1.080960 | .2729495 |
| #3 | .6774511 | .1589412 | .1882568 | 118.6119 | 1.080346 | .2739534 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4739637 | 339.8640 | .9925889 | 36.93559 | .6461474 | .0617039 |
| Stddev | .0011684 | .8759    | .0032785 | .08943   | .0005621 | .0005454 |
| %RSD   | .2465071 | .2577307 | .3303011 | .2421227 | .0869888 | .8838403 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4727714 | 338.8644 | .9946543 | 36.94777 | .6465640 | .0610870 |
| #2 | .4740132 | 340.2298 | .9888086 | 36.84070 | .6455081 | .0621219 |
| #3 | .4751066 | 340.4976 | .9943038 | 37.01831 | .6463700 | .0619027 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.123809 | .7370003 | .8806885 | 33.83081 | -.080514 | .3228331 |
| Stddev | .014821  | .0033960 | .0008685 | .03106   | .003866  | .0005652 |
| %RSD   | .2892533 | .4607921 | .0986164 | .0918146 | 4.801152 | .1750739 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.122141 | .7406273 | .8812501 | 33.80189 | -.084971 | .3224615 |
| #2 | 5.139394 | .7338958 | .8811273 | 33.86364 | -.078075 | .3225542 |
| #3 | 5.109893 | .7364777 | .8796881 | 33.82691 | -.078495 | .3234835 |

Sample Name: Q1515-01MS      Acquired: 3/12/2025 16:02:19      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6695823 | 1.262244 | F 17.20699 | F 16.64189 | F 17.25188 | .3633458 |
| Stddev | .0007721 | .005173  | .06317     | .07370     | .01344     | .0006629 |
| %RSD   | .1153089 | .4098641 | .3671040   | .4428830   | .0778814   | .1824492 |
| #1     | .6686911 | 1.264970 | 17.14199   | 16.55972   | 17.24262   | .3637813 |
| #2     | .6700492 | 1.256277 | 17.21083   | 16.66375   | 17.24573   | .3625828 |
| #3     | .6700066 | 1.265484 | 17.26815   | 16.70218   | 17.26729   | .3636731 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5062005 |
| Stddev | .0021827 |
| %RSD   | .4312026 |
| #1     | .5075391 |
| #2     | .5036818 |
| #3     | .5073808 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3670.398 | 83487.35 | 18181.02 | 2386.258 | 4006.247 |
| Stddev    | 2.549    | 201.16   | 55.72    | 6.503    | 3.044    |
| %RSD      | .0694380 | .2409409 | .3064987 | .2725314 | .0759750 |
| #1        | 3672.900 | 83663.90 | 18145.03 | 2393.640 | 4009.349 |
| #2        | 3670.488 | 83268.36 | 18245.21 | 2381.375 | 4006.127 |
| #3        | 3667.805 | 83529.79 | 18152.82 | 2383.759 | 4003.265 |

Sample Name: Q1515-01MSD      Acquired: 3/12/2025 16:06:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.013993 | 1.851382 | 2.404742 | 1.456875 | .2635480 | 115.3828 |
| Stddev | .006908  | .011325  | .003821  | .009066  | .0012353 | .5067    |
| %RSD   | .6812520 | .6117236 | .1588747 | .6222565 | .4687310 | .4391548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.009953 | 1.838784 | 2.407999 | 1.456649 | .2649743 | 115.8560 |
| #2 | 1.010056 | 1.860718 | 2.400537 | 1.447924 | .2628506 | 114.8481 |
| #3 | 1.021969 | 1.854645 | 2.405691 | 1.466051 | .2628191 | 115.4442 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6604730 | .1618653 | .1882757 | 116.9752 | 1.080738 | .2724778 |
| Stddev | .0029277 | .0013343 | .0006573 | .7369    | .002285  | .0008126 |
| %RSD   | .4432724 | .8243396 | .3491164 | .6299254 | .2114110 | .2982214 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6628149 | .1633843 | .1888920 | 117.7209 | 1.079299 | .2724646 |
| #2 | .6571907 | .1608823 | .1875839 | 116.2475 | 1.079543 | .2716719 |
| #3 | .6614136 | .1613294 | .1883511 | 116.9572 | 1.083373 | .2732969 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4755146 | 331.7635 | .9866885 | 36.82726 | .6443273 | .0600854 |
| Stddev | .0018521 | 2.1676   | .0058104 | .31996   | .0020325 | .0000103 |
| %RSD   | .3894893 | .6533641 | .5888814 | .8688146 | .3154414 | .0170597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4770083 | 329.6250 | .9915814 | 37.16205 | .6461318 | .0600788 |
| #2 | .4734423 | 331.7064 | .9802664 | 36.52454 | .6421255 | .0600801 |
| #3 | .4760933 | 333.9591 | .9882178 | 36.79521 | .6447247 | .0600972 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.014252 | .7350406 | .8742443 | 32.64688 | -.104552 | .3221198 |
| Stddev | .064101  | .0055934 | .0018269 | .28832   | .017956  | .0010630 |
| %RSD   | 1.278374 | .7609668 | .2089673 | .8831435 | 17.17464 | .3299968 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.945075 | .7401765 | .8761848 | 32.31861 | -.124980 | .3220309 |
| #2 | 5.026041 | .7290810 | .8739906 | 32.76295 | -.097411 | .3211041 |
| #3 | 5.071640 | .7358644 | .8725575 | 32.85907 | -.091265 | .3232245 |

Sample Name: Q1515-01MSD      Acquired: 3/12/2025 16:06:17      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6662771 | 1.250359 | F 16.87143 | F 16.69554 | F 17.25841 | .3577428 |
| Stddev | .0004682 | .005179  | .13873     | .02384     | .01994     | .0013742 |
| %RSD   | .0702755 | .4142302 | .8222901   | .1428222   | .1155465   | .3841171 |
| #1     | .6658624 | 1.255681 | 16.72261   | 16.71039   | 17.25515   | .3573097 |
| #2     | .6667848 | 1.245335 | 16.89449   | 16.66804   | 17.24030   | .3566374 |
| #3     | .6661840 | 1.250062 | 16.99719   | 16.70819   | 17.27978   | .3592814 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .4983627 |
| Stddev | .0018077 |
| %RSD   | .3627303 |
| #1     | .4996465 |
| #2     | .4962954 |
| #3     | .4991461 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3672.534 | 83221.68 | 17766.15 | 2383.366 | 4008.643 |
| Stddev    | 9.603    | 319.04   | 170.45   | 8.311    | 6.208    |
| %RSD      | .2614822 | .3833667 | .9593933 | .3486960 | .1548614 |
| #1        | 3673.274 | 83481.24 | 17578.27 | 2391.120 | 4005.094 |
| #2        | 3681.746 | 83318.32 | 17910.87 | 2384.386 | 4015.811 |
| #3        | 3662.583 | 82865.49 | 17809.32 | 2374.593 | 4005.024 |

Sample Name: Q1515-01A      Acquired: 3/12/2025 16:10:16      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | 1.025100 | 1.853707 | 2.429045 | 1.484064 | .2654483 | 116.1488 |
| Stddev | .003360  | .007553  | .004991  | .006116  | .0018352 | .3058    |
| %RSD   | .3277902 | .4074424 | .2054776 | .4120790 | .6913735 | .2632758 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.021222 | 1.856761 | 2.425958 | 1.477558 | .2639838 | 116.0044 |
| #2 | 1.027155 | 1.845106 | 2.426374 | 1.484939 | .2648539 | 115.9420 |
| #3 | 1.026923 | 1.859255 | 2.434803 | 1.489695 | .2675070 | 116.5001 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6664012 | .1588111 | .1894242 | 117.4941 | 1.091910 | .2747908 |
| Stddev | .0034366 | .0007924 | .0005416 | .3200    | .005989  | .0015564 |
| %RSD   | .5156988 | .4989889 | .2859276 | .2723204 | .5484842 | .5664081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6639253 | .1597241 | .1898468 | 117.4298 | 1.088282 | .2747246 |
| #2 | .6649536 | .1584077 | .1888137 | 117.2112 | 1.088626 | .2732685 |
| #3 | .6703248 | .1583015 | .1896122 | 117.8414 | 1.098823 | .2763792 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4763325 | 338.6302 | .9874171 | 36.80708 | .6487529 | .0615124 |
| Stddev | .0003442 | 2.9262   | .0046242 | .15409   | .0024613 | .0006733 |
| %RSD   | .0722607 | .8641210 | .4683106 | .4186350 | .3793897 | 1.094496 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4764289 | 335.6521 | .9826608 | 36.91981 | .6477471 | .0608342 |
| #2 | .4759504 | 338.7371 | .9876938 | 36.63150 | .6469537 | .0615223 |
| #3 | .4766183 | 341.5015 | .9918967 | 36.86993 | .6515578 | .0621806 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.155750 | .7365092 | .8855216 | 33.56923 | -.091178 | .3245713 |
| Stddev | .059258  | .0036911 | .0017793 | .35869   | .007849  | .0012191 |
| %RSD   | 1.149365 | .5011610 | .2009330 | 1.068513 | 8.608194 | .3755963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.099999 | .7322511 | .8861098 | 33.27877 | -.098911 | .3254104 |
| #2 | 5.149267 | .7387987 | .8835227 | 33.45876 | -.091404 | .3231730 |
| #3 | 5.217983 | .7384777 | .8869323 | 33.97017 | -.083218 | .3251306 |

Sample Name: Q1515-01A      Acquired: 3/12/2025 16:10:16      Type: Unk  
Method: NON EPA-6010-200.7(v2799)      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    | .6728293 | 1.257539 | F 17.46716 | F 16.66491 | F 17.36253 | .3611661 |
| Stddev | .0031796 | .004034  | .14195     | .06628     | .09070     | .0023278 |
| %RSD   | .4725646 | .3207682 | .8126891   | .3977421   | .5223838   | .6445298 |
| #1     | .6708144 | 1.257235 | 17.33029   | 16.70218   | 17.32822   | .3588379 |
| #2     | .6711789 | 1.253665 | 17.45747   | 16.58838   | 17.29399   | .3611668 |
| #3     | .6764947 | 1.261716 | 17.61371   | 16.70417   | 17.46538   | .3634935 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5010410 |
| Stddev | .0022367 |
| %RSD   | .4464158 |
| #1     | .4991977 |
| #2     | .5003959 |
| #3     | .5035294 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3635.859 | 82489.58 | 18017.14 | 2337.463 | 3975.671 |
| Stddev    | 2.795    | 272.07   | 59.37    | 9.168    | 8.245    |
| %RSD      | .0768781 | .3298220 | .3295295 | .3922128 | .2073904 |
| #1        | 3632.649 | 82696.40 | 17948.81 | 2343.249 | 3975.046 |
| #2        | 3637.754 | 82590.97 | 18046.51 | 2342.247 | 3984.211 |
| #3        | 3637.174 | 82181.38 | 18056.11 | 2326.892 | 3967.756 |

Sample Name: CCV06      Acquired: 3/12/2025 16:25:34      Type: Unk  
Method: NON EPA-6010-200.7(v2800)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.185094 | 5.065579 | 4.991299 | 4.961088 | 5.039754 | 9.795004 | 9.100819 |
| Stddev | .019595  | .031060  | .011982  | .016530  | .019552  | .004577  | .112267  |
| %RSD   | .3779071 | .6131557 | .2400597 | .3331945 | .3879583 | .0467249 | 1.233589 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.185901 | 5.101430 | 4.991208 | 4.959143 | 5.044310 | 9.790586 | 9.230014 |
| #2 | 5.165108 | 5.048514 | 4.979363 | 4.945618 | 5.018326 | 9.799724 | 9.026982 |
| #3 | 5.204273 | 5.046793 | 5.003326 | 4.978505 | 5.056625 | 9.794701 | 9.045462 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2387536 | 2.447534 | 23.23651 | 1.050648 | 2.434288 | 1.256011 | 4.774423 |
| Stddev | .0004881 | .003748  | .04794   | .005957  | .004442  | .003762  | .042771  |
| %RSD   | .2044432 | .1531133 | .2063226 | .5669995 | .1824951 | .2995454 | .8958308 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2393168 | 2.448718 | 23.26723 | 1.050994 | 2.435827 | 1.255350 | 4.751101 |
| #2 | .2384916 | 2.443337 | 23.26103 | 1.056425 | 2.429280 | 1.252623 | 4.823786 |
| #3 | .2384524 | 2.450546 | 23.18127 | 1.044525 | 2.437756 | 1.260060 | 4.748383 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.361546 | 23.73729 | 2.432843 | 1.255745 | 25.68660 | 2.376205 | 2.534159 |
| Stddev | .004520  | .06843   | .005252  | .005404  | .15135   | .003019  | .012613  |
| %RSD   | .1913818 | .2882800 | .2158693 | .4303304 | .5892271 | .1270364 | .4977230 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.365026 | 23.69723 | 2.433155 | 1.253198 | 25.56080 | 2.379669 | 2.542167 |
| #2 | 2.363174 | 23.69834 | 2.427443 | 1.261951 | 25.85456 | 2.374136 | 2.540690 |
| #3 | 2.356438 | 23.81631 | 2.437932 | 1.252085 | 25.64443 | 2.374810 | 2.519619 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.10008 | 4.697813 | 5.060667 | 4.946340 | 4.602841 | 5.445803 | 4.805695 |
| Stddev | .14160   | .018867  | .009301  | .011538  | .009801  | .039378  | .004830  |
| %RSD   | .5875371 | .4016132 | .1837915 | .2332576 | .2129262 | .7230817 | .1004962 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 24.00207 | 4.718323 | 5.058917 | 4.954410 | 4.609423 | 5.420410 | 4.811164 |
| #2 | 24.26242 | 4.681197 | 5.052365 | 4.933125 | 4.607523 | 5.491164 | 4.803905 |
| #3 | 24.03574 | 4.693917 | 5.070719 | 4.951486 | 4.591577 | 5.425835 | 4.802015 |



Sample Name: CCV06      Acquired: 3/12/2025 16:25:34      Type: Unk  
Method: NON EPA-6010-200.7(v2800)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.737945 | 4.519914 | 4.672132 |
| Stddev | .002762  | .009902  | .032712  |
| %RSD   | .0583052 | .2190835 | .7001620 |
| #1     | 4.741023 | 4.518729 | 4.708863 |
| #2     | 4.735680 | 4.530355 | 4.646137 |
| #3     | 4.737134 | 4.510657 | 4.661396 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3229.278 | 70942.90 | 14190.14 | 2054.693 | 4363.440 |
| Stddev    | 3.934    | 232.15   | 62.08    | 12.463   | 4.367    |
| %RSD      | .1218120 | .3272328 | .4374861 | .6065383 | .1000793 |
| #1        | 3230.527 | 70919.72 | 14119.18 | 2045.131 | 4360.206 |
| #2        | 3232.435 | 70723.21 | 14234.43 | 2050.160 | 4368.407 |
| #3        | 3224.871 | 71185.77 | 14216.80 | 2068.787 | 4361.706 |

Sample Name: CCB06      Acquired: 3/12/2025 16:30:02      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001246 | -.001317 | -.000260 | -.008839 | -.001917 | .0021854 | -.004898 |
| Stddev | .000835  | .000941  | .000405  | .001106  | .000643  | .0036796 | .000192  |
| %RSD   | 66.95609 | 71.45911 | 156.0924 | 12.51856 | 33.55192 | 168.3692 | 3.918001 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001830 | -.002215 | -.000296 | -.007883 | -.001861 | .0001134 | -.005033 |
| #2 | -.001619 | -.001398 | .000163  | -.010051 | -.001304 | .0000091 | -.004983 |
| #3 | -.000290 | -.000338 | -.000646 | -.008582 | -.002586 | .0064339 | -.004679 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000457 | .0000286 | .0049381 | -.000057 | .0000163 | -.000067 | -.003948 |
| Stddev | .0000380 | .0000199 | .0033937 | .000087  | .0000262 | .000296  | .001740  |
| %RSD   | 83.05784 | 69.60528 | 68.72407 | 153.9446 | 160.9108 | 442.0265 | 44.06390 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000428 | .0000515 | .0082336 | .000017  | .0000148 | -.000296 | -.005233 |
| #2 | .0000850 | .0000193 | .0051266 | -.000153 | .0000433 | -.000172 | -.004642 |
| #3 | .0000093 | .0000151 | .0014541 | -.000034 | -.000009 | .000267  | -.001968 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000597 | .0081488 | .0001547 | .0007313 | -.038668 | .0009629 | -.000044 |
| Stddev | .000364  | .0158711 | .0001248 | .0001201 | .001231  | .0006969 | .000240  |
| %RSD   | 60.98931 | 194.7673 | 80.67617 | 16.42577 | 3.184019 | 72.37007 | 549.5631 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001016 | .0102134 | .0000152 | .0007405 | -.039623 | .0012475 | -.000260 |
| #2 | -.000352 | -.008654 | .0002558 | .0008465 | -.037278 | .0014724 | -.000085 |
| #3 | -.000424 | .022887  | .0001930 | .0006068 | -.039102 | .0001688 | .000214  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.108543 | .0039083 | .0000901 | .0001166 | .0010756 | -.037974 | -.003863 |
| Stddev | .025279  | .0003018 | .0001550 | .0004044 | .0005546 | .006088  | .001321  |
| %RSD   | 23.28967 | 7.721029 | 172.0730 | 346.8597 | 51.55684 | 16.03132 | 34.19128 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.115357 | .0036772 | .0000509 | -.000239 | .0004714 | -.030976 | -.003436 |
| #2 | -.080555 | .0042497 | -.000042 | .000556  | .0011940 | -.040895 | -.002808 |
| #3 | -.129716 | .0037980 | .000261  | .000033  | .0015614 | -.042050 | -.005344 |

Sample Name: CCB06      Acquired: 3/12/2025 16:30:02      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.005459 | -.003606 | .0000279 |
| Stddev | .003822  | .000761  | .0000476 |
| %RSD   | 70.01806 | 21.10659 | 170.4999 |
| #1     | -.008198 | -.004287 | .0000496 |
| #2     | -.007086 | -.003746 | .0000609 |
| #3     | -.001092 | -.002785 | -.000027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3353.925 | 74545.27 | 15409.94 | 2129.927 | 4898.182 |
| Stddev    | 91.060   | 382.12   | 50.55    | 19.192   | 138.452  |
| %RSD      | 2.715037 | .5126060 | .3280361 | .9010518 | 2.826598 |
| #1        | 3458.897 | 74581.29 | 15399.95 | 2131.757 | 5057.103 |
| #2        | 3306.693 | 74146.42 | 15464.74 | 2109.885 | 4833.790 |
| #3        | 3296.184 | 74908.11 | 15365.14 | 2148.137 | 4803.653 |

Sample Name: Q1540-01MS      Acquired: 3/12/2025 16:34:22      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .7665508 | 1.788378 | .9001119 | 1.815059 | .7520893 | 25.23953 |
| Stddev | .0019691 | .007741  | .0044667 | .004072  | .0038511 | .03198   |
| %RSD   | .2568739 | .4328574 | .4962431 | .2243701 | .5120532 | .1266979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7681181 | 1.796659 | .8981736 | 1.818568 | .7476978 | 25.27536 |
| #2 | .7643406 | 1.787155 | .8969417 | 1.810594 | .7536792 | 25.22937 |
| #3 | .7671936 | 1.781322 | .9052203 | 1.816015 | .7548909 | 25.21387 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2493721 | .1586648 | .1823575 | 393.5811 | .3579384 | .4009828 |
| Stddev | .0003445 | .0004684 | .0001599 | 1.3106   | .0019940 | .0002863 |
| %RSD   | .1381637 | .2951998 | .0877001 | .3329959 | .5570867 | .0713914 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2489890 | .1585312 | .1824224 | 394.5503 | .3598715 | .4009223 |
| #2 | .2494706 | .1591855 | .1824747 | 394.1030 | .3558885 | .4007316 |
| #3 | .2496567 | .1582778 | .1821753 | 392.0899 | .3580551 | .4012945 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5596125 | 105.9938 | 10.25588 | 33.39230 | .5204657 | .0677931 |
| Stddev | .0002959 | .3879    | .01616   | .04555   | .0011703 | .0004965 |
| %RSD   | .0528838 | .3659610 | .1576097 | .1364037 | .2248472 | .7324044 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5592719 | 106.3668 | 10.27264 | 33.34893 | .5217608 | .0682720 |
| #2 | .5598059 | 105.5925 | 10.24039 | 33.43975 | .5201518 | .0678267 |
| #3 | .5597599 | 106.0223 | 10.25461 | 33.38821 | .5194843 | .0672806 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 89.59961 | .2483576 | 1.159903 | 13.23784 | 4.016774 | .3626249 |
| Stddev | .50791   | .0022131 | .004753  | .09901   | .004624  | .0001452 |
| %RSD   | .5668678 | .8910862 | .4097397 | .7479533 | .1151252 | .0400495 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 90.03342 | .2458591 | 1.158778 | 13.33352 | 4.015179 | .3626741 |
| #2 | 89.04090 | .2491422 | 1.155813 | 13.13580 | 4.021985 | .3624615 |
| #3 | 89.72451 | .2500714 | 1.165116 | 13.24419 | 4.013158 | .3627392 |

Sample Name: Q1540-01MS      Acquired: 3/12/2025 16:34:22      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6659061 | .1491635 | F 53.33812 | 5.794642 | F 403.5255 | .1931453 |
| Stddev | .0018110 | .0011096 | .18276     | .032309  | .8346      | .0007838 |
| %RSD   | .2719542 | .7438810 | .3426524   | .5575652 | .2068233   | .4058208 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6679972 | .1502479 | 53.52247 | 5.827075 | 404.4867 | .1933011 |
| #2 | .6648743 | .1480303 | 53.15698 | 5.762458 | 403.1049 | .1922952 |
| #3 | .6648468 | .1492122 | 53.33492 | 5.794393 | 402.9849 | .1938395 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.007470 |
| Stddev | .006009  |
| %RSD   | .5964329 |

|    |          |
|----|----------|
| #1 | 1.004908 |
| #2 | 1.014335 |
| #3 | 1.003166 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3225.537 | 73882.69 | 16038.56 | 2070.185 | 3918.006 |
| Stddev    | 5.549    | 192.58   | 2.98     | 8.166    | 5.648    |
| %RSD      | .1720425 | .2606577 | .0185994 | .3944608 | .1441514 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3229.257 | 73744.77 | 16040.50 | 2065.006 | 3918.582 |
| #2 | 3228.195 | 74102.71 | 16040.06 | 2079.599 | 3923.344 |
| #3 | 3219.158 | 73800.59 | 16035.13 | 2065.950 | 3912.092 |

Sample Name: Q1540-01MSD      Acquired: 3/12/2025 16:38:37      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .7692723 | 1.830585 | .9114894 | 1.812843 | .7562269 | 25.06526 |
| Stddev | .0253473 | .075975  | .0402350 | .071653  | .0306251 | .03884   |
| %RSD   | 3.294964 | 4.150310 | 4.414208 | 3.952503 | 4.049723 | .1549712 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7710433 | 1.816712 | .9086872 | 1.811088 | .7544223 | 25.09058 |
| #2 | .7430860 | 1.762502 | .8727287 | 1.742084 | .7265439 | 25.02054 |
| #3 | .7936876 | 1.912540 | .9530523 | 1.885357 | .7877143 | 25.08468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2575880 | .1633773 | .1844709 | 397.1992 | .3626867 | .4029453 |
| Stddev | .0019319 | .0000493 | .0089320 | 2.3217   | .0015388 | .0174635 |
| %RSD   | .7500048 | .0301588 | 4.841971 | .5845114 | .4242679 | 4.333964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2583592 | .1633966 | .1839726 | 399.7301 | .3626154 | .4016717 |
| #2 | .2590152 | .1633213 | .1757985 | 396.6991 | .3642599 | .3861535 |
| #3 | .2553896 | .1634140 | .1936417 | 395.1683 | .3611849 | .4210108 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5594428 | 106.6191 | 10.35255 | 33.62224 | .5268848 | .0690516 |
| Stddev | .0221603 | .3518    | .00379   | .06294   | .0229688 | .0000493 |
| %RSD   | 3.961140 | .3299796 | .0366101 | .1872045 | 4.359358 | .0714392 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5594843 | 106.6110 | 10.35598 | 33.61922 | .5258801 | .0690794 |
| #2 | .5372617 | 106.9749 | 10.35320 | 33.56086 | .5044348 | .0690808 |
| #3 | .5815823 | 106.2715 | 10.34848 | 33.68663 | .5503395 | .0689947 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 88.19767 | .2545450 | 1.161723 | 13.41659 | 4.051890 | .3706237 |
| Stddev | .31086   | .0017575 | .007066  | .02639   | .004417  | .0140303 |
| %RSD   | .3524603 | .6904625 | .6082415 | .1967119 | .1090072 | 3.785597 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 88.47741 | .2528937 | 1.154447 | 13.39753 | 4.056416 | .3699939 |
| #2 | 88.25260 | .2563923 | 1.168559 | 13.44671 | 4.047592 | .3569189 |
| #3 | 87.86301 | .2543490 | 1.162164 | 13.40552 | 4.051663 | .3849583 |

Sample Name: Q1540-01MSD      Acquired: 3/12/2025 16:38:37      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6785733 | .1559697 | F 53.16665 | 5.904917 | F 400.1485 | .1972069 |
| Stddev | .0305213 | .0005946 | .02973     | .259492  | 16.6279    | .0004663 |
| %RSD   | 4.497865 | .3812108 | .0559091   | 4.394515 | 4.155423   | .2364745 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6769890 | .1557948 | 53.16843 | 5.881252 | 399.4038 | .1966703 |
| #2 | .6488749 | .1554822 | 53.19544 | 5.658067 | 383.9055 | .1974357 |
| #3 | .7098558 | .1566321 | 53.13607 | 6.175431 | 417.1362 | .1975146 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.028541 |
| Stddev | .003381  |
| %RSD   | .3286889 |

|    |          |
|----|----------|
| #1 | 1.026862 |
| #2 | 1.032432 |
| #3 | 1.026328 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3277.658 | 73932.56 | 15965.55 | 2107.350 | 3969.424 |
| Stddev    | 109.609  | 251.62   | 29.99    | 14.957   | 149.681  |
| %RSD      | 3.344141 | .3403339 | .1878137 | .7097588 | 3.770854 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3278.980 | 73875.52 | 15944.85 | 2112.125 | 3974.464 |
| #2 | 3386.600 | 73714.35 | 15951.87 | 2090.588 | 4116.521 |
| #3 | 3167.393 | 74207.80 | 15999.94 | 2119.336 | 3817.286 |

Sample Name: Q1516-03      Acquired: 3/12/2025 16:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.001207 | -.004092 | .0001252 | -.009526 | -.001405 | .0789444 |
| Stddev | .004879  | .000993  | .0005168 | .001370  | .001811  | .0079726 |
| %RSD   | 404.1492 | 24.26296 | 412.6926 | 14.38203 | 128.8904 | 10.09897 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .002562  | -.003889 | .0003262 | -.010198 | .000446  | .0715776 |
| #2 | -.006719 | -.003216 | -.000462 | -.007949 | -.001487 | .0874090 |
| #3 | .000535  | -.005170 | .000511  | -.010429 | -.003173 | .0778465 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0919127 | .0000490 | -.000546 | 67.00027 | -.000441 | .0067440 |
| Stddev | .0003278 | .0000450 | .000104  | .12686   | .000299  | .0002152 |
| %RSD   | .3566266 | 91.67333 | 19.11100 | .1893357 | 67.86498 | 3.190171 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0915350 | .0000968 | -.000653 | 67.11160 | -.000199 | .0064967 |
| #2 | .0921220 | .0000426 | -.000444 | 67.02705 | -.000348 | .0068473 |
| #3 | .0920811 | .0000076 | -.000541 | 66.86216 | -.000775 | .0068881 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021204 | 11.38345 | .4071878 | 21.73327 | .0099771 | .0004213 |
| Stddev | .0004658 | .10504   | .0015130 | .04304   | .0000945 | .0003439 |
| %RSD   | 21.96663 | .9227664 | .3715771 | .1980514 | .9471798 | 81.62057 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0017880 | 11.44660 | .4088814 | 21.75012 | .0100474 | .0000864 |
| #2 | .0026527 | 11.26219 | .4067127 | 21.76535 | .0100142 | .0007736 |
| #3 | .0019203 | 11.44156 | .4059694 | 21.68436 | .0098697 | .0004040 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 41.58574 | .0009284 | .0523672 | 10.67237 | .0514175 | .0539518 |
| Stddev | .30254   | .0011968 | .0001798 | .11124   | .0014347 | .0004890 |
| %RSD   | .7275119 | 128.9081 | .3433602 | 1.042303 | 2.790238 | .9064206 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 41.68552 | -.000301 | .0522682 | 10.68732 | .0529169 | .0536369 |
| #2 | 41.24591 | .000996  | .0522586 | 10.55442 | .0512776 | .0537034 |
| #3 | 41.82579 | .002090  | .0525747 | 10.77538 | .0500579 | .0545152 |



Sample Name: Q1516-03      Acquired: 3/12/2025 16:42:52      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.001578 | .0007218 | F 21.59732 | .0095274 | F 30.54931 | .0034432 |
| Stddev | .000533  | .0004827 | .17984     | .0009877 | .13968     | .0007895 |
| %RSD   | 33.74400 | 66.86931 | .8326729   | 10.36724 | .4572172   | 22.92798 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001003 | .0002087 | 21.69126 | .0083954 | 30.42050 | .0025429 |
| #2 | -.001679 | .0011667 | 21.38997 | .0099730 | 30.52966 | .0037693 |
| #3 | -.002053 | .0007900 | 21.71073 | .0102139 | 30.69777 | .0040173 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3421379 |
| Stddev | .0002841 |
| %RSD   | .0830277 |

|    |          |
|----|----------|
| #1 | .3423744 |
| #2 | .3418228 |
| #3 | .3422165 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3214.275 | 73294.33 | 15745.25 | 2065.401 | 4525.126 |
| Stddev    | 4.719    | 379.81   | 69.23    | 9.229    | 1.957    |
| %RSD      | .1468130 | .5182030 | .4396883 | .4468273 | .0432392 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3208.955 | 73000.04 | 15723.97 | 2055.467 | 4525.640 |
| #2 | 3217.957 | 73723.08 | 15689.16 | 2073.708 | 4526.773 |
| #3 | 3215.913 | 73159.87 | 15822.62 | 2067.027 | 4522.963 |

Sample Name: Q1519-01      Acquired: 3/12/2025 16:47:06      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -0.001025 | -0.008096 | -0.001286 | -0.007797 | -0.004284 | 32.99321 |
| Stddev | .001292   | .001433   | .000772   | .000968   | .001569   | .12923   |
| %RSD   | 126.1409  | 17.70345  | 60.05791  | 12.42090  | 36.62750  | .3916822 |

|    |           |           |           |           |           |          |
|----|-----------|-----------|-----------|-----------|-----------|----------|
| #1 | -0.001722 | -0.009001 | -0.001179 | -0.007954 | -0.005996 | 32.95538 |
| #2 | -0.001818 | -0.006444 | -0.000573 | -0.008678 | -0.002914 | 33.13714 |
| #3 | .000467   | -0.008844 | -0.002106 | -0.006760 | -0.003942 | 32.88713 |

|        |           |           |           |          |          |          |
|--------|-----------|-----------|-----------|----------|----------|----------|
| Elem   | Ba4934    | Be2348    | Cd2265    | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm       | ppm       | ppm       | ppm      | ppm      | ppm      |
| Avg    | -0.004232 | -0.000046 | -0.000068 | 12.10769 | .5784449 | .0050652 |
| Stddev | .000415   | .000024   | .000031   | .06511   | .0140236 | .0002125 |
| %RSD   | 9.796262  | 53.31321  | 45.44079  | .5377416 | 2.424366 | 4.196269 |

|    |           |           |           |          |          |          |
|----|-----------|-----------|-----------|----------|----------|----------|
| #1 | -0.004619 | -0.000064 | -0.000096 | 12.10031 | .5687106 | .0048201 |
| #2 | -0.004281 | -0.000018 | -0.000035 | 12.17618 | .5721051 | .0051770 |
| #3 | -0.003795 | -0.000054 | -0.000073 | 12.04659 | .5945189 | .0051985 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0274312 | .3219764 | .0079522 | 1.678431 | .0136520 | .0005275 |
| Stddev | .0000769 | .0020053 | .0001315 | .011580  | .0002591 | .0005569 |
| %RSD   | .2802607 | .6228090 | 1.653013 | .6899422 | 1.898022 | 105.5860 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0275122 | .3206088 | .0078116 | 1.686740 | .0136474 | .0010548 |
| #2 | .0273593 | .3210420 | .0080720 | 1.683350 | .0133952 | .0005827 |
| #3 | .0274220 | .3242783 | .0079731 | 1.665203 | .0139133 | -.000055 |

|        |            |           |          |          |          |          |
|--------|------------|-----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924    | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm       | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2405.100 | -0.000499 | .1206001 | 261.3576 | 5.725373 | .0321451 |
| Stddev | 37.076     | .001114   | .0038276 | 4.9658   | .027680  | .0003198 |
| %RSD   | 1.541554   | 223.2095  | 3.173832 | 1.900014 | .4834558 | .9949011 |

|    |          |           |          |          |          |          |
|----|----------|-----------|----------|----------|----------|----------|
| #1 | 2374.037 | -0.001784 | .1178698 | 258.0010 | 5.726225 | .0322830 |
| #2 | 2395.117 | .000189   | .1189553 | 259.0099 | 5.752618 | .0323728 |
| #3 | 2446.145 | .000098   | .1249752 | 267.0620 | 5.697278 | .0317795 |

Sample Name: Q1519-01      Acquired: 3/12/2025 16:47:06      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .0046368 | .0006044 | .5326801 | 1.254745 | F 1094.573 | -.000598 |
| Stddev | .0007766 | .0004433 | .0151340 | .007430  | 2.319      | .000109  |
| %RSD   | 16.74824 | 73.35076 | 2.841111 | .5921140 | .2118279   | 18.24611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050817 | .0007244 | .5152182 | 1.246772 | 1092.824 | -.000538 |
| #2 | .0050886 | .0001134 | .5420025 | 1.261473 | 1093.691 | -.000724 |
| #3 | .0037401 | .0009753 | .5408196 | 1.255991 | 1097.203 | -.000532 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0641670 |
| Stddev | .0002845 |
| %RSD   | .4432892 |

|    |          |
|----|----------|
| #1 | .0644047 |
| #2 | .0642445 |
| #3 | .0638519 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2731.460 | 59806.59 | 14609.65 | 1749.516 | 3376.648 |
| Stddev    | 7.448    | 1180.11  | 91.06    | 37.444   | 6.803    |
| %RSD      | .2726901 | 1.973207 | .6233146 | 2.140268 | .2014607 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2738.607 | 60803.95 | 14613.17 | 1775.283 | 3384.139 |
| #2 | 2723.742 | 60112.03 | 14516.88 | 1766.702 | 3374.948 |
| #3 | 2732.030 | 58503.79 | 14698.91 | 1706.564 | 3370.856 |

Sample Name: LR1      Acquired: 3/12/2025 16:53:30      Type: Unk  
Method: NON EPA-6010-200.7(v2801)      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    | .0348417 | .0682584 | .0178592 | -.211403 | -.018876 | 2055.830 | .0103593 |
| Stddev | .0060309 | .0090869 | .0025856 | .015171  | .001148  | 21.585   | .0013115 |
| %RSD   | 17.30936 | 13.31251 | 14.47759 | 7.176297 | 6.083431 | 1.049949 | 12.66036 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0281139 | .0727713 | .0189558 | -.196971 | -.017622 | 2077.573 | .0094708 |
| #2 | .0366488 | .0742055 | .0197158 | -.210020 | -.019129 | 2055.511 | .0118657 |
| #3 | .0397625 | .0577985 | .0149061 | -.227218 | -.019876 | 2034.406 | .0097415 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0073368 | .0113318 | 1977.744 | .0276521 | .0304430 | .0405331 | 990.6531 |
| Stddev | .0000781 | .0025909 | 23.262   | .0000717 | .0006284 | .0018156 | 8.3194   |
| %RSD   | 1.064877 | 22.86428 | 1.176207 | .2594584 | 2.064200 | 4.479366 | .8397890 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0072862 | .0084481 | 1978.651 | .0277206 | .0298251 | .0384489 | 999.9947 |
| #2 | .0074268 | .0120835 | 2000.539 | .0276583 | .0304224 | .0417719 | 987.9220 |
| #3 | .0072974 | .0134637 | 1954.041 | .0275775 | .0310814 | .0413784 | 984.0425 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.103111 | 1640.963 | .0027411 | -.028119 | 1927.345 | .0157587 | .0928913 |
| Stddev | .000427  | 13.832   | .0008908 | .001251  | 21.573   | .0008452 | .0006245 |
| %RSD   | .4141498 | .8429310 | 32.49693 | 4.447295 | 1.119289 | 5.363391 | .6722621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.102635 | 1646.565 | .0026734 | -.026855 | 1952.193 | .0159531 | .0921713 |
| #2 | -.103460 | 1651.116 | .0036637 | -.028147 | 1916.443 | .0164898 | .0932173 |
| #3 | -.103238 | 1625.209 | .0018861 | -.029356 | 1913.399 | .0148332 | .0932853 |

|        |          |         |          |          |          |          |          |
|--------|----------|---------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496  | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm     | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1377.791 | ^ ***** | .0063418 | .0080155 | -.033814 | .1216203 | .1343710 |
| Stddev | 4.874    | -----   | .0004206 | .0050792 | .000610  | .0083253 | .0050910 |
| %RSD   | .3537729 | -----   | 6.632575 | 63.36685 | 1.803683 | 6.845288 | 3.788758 |

|    |          |         |          |          |          |          |          |
|----|----------|---------|----------|----------|----------|----------|----------|
| #1 | 1380.972 | ^ ----- | .0058927 | .0126740 | -.033958 | .1153995 | .1353319 |
| #2 | 1372.179 | ^ ----- | .0064062 | .0087718 | -.034340 | .1183837 | .1288681 |
| #3 | 1380.221 | ^ ----- | .0067265 | .0026006 | -.033146 | .1310779 | .1389131 |

Sample Name: LR1      Acquired: 3/12/2025 16:53:30      Type: Unk  
Method: NON EPA-6010-200.7(v2801)      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    | -.188521 | .0845627 | .0116801 |
| Stddev | .011936  | .0059409 | .0000352 |
| %RSD   | 6.331372 | 7.025438 | .3010193 |
| #1     | -.182447 | .0893046 | .0116914 |
| #2     | -.180843 | .0778987 | .0116406 |
| #3     | -.202272 | .0864848 | .0117081 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2134.625 | 48857.16 | 12327.01 | 1361.942 | 2540.008 |
| Stddev    | 4.363    | 55.62    | 74.97    | 4.920    | 5.974    |
| %RSD      | .2043813 | .1138418 | .6081605 | .3612622 | .2351920 |
| #1        | 2139.656 | 48797.87 | 12317.20 | 1361.382 | 2545.821 |
| #2        | 2132.326 | 48865.42 | 12257.42 | 1367.119 | 2540.318 |
| #3        | 2131.892 | 48908.19 | 12406.39 | 1357.326 | 2533.885 |

Sample Name: LR2      Acquired: 3/12/2025 16:58:27      Type: Unk  
Method: NON EPA-6010-200.7(v2801)      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    | .0056517 | -.003712 | 232.4450 | -.002216 | -.008304 | .1944411 | ^F ***** |
| Stddev | .0009431 | .002345  | .7042    | .003242  | .001506  | .0082834 | ----     |
| %RSD   | 16.68696 | 63.16745 | .3029684 | 146.2985 | 18.13570 | 4.260112 | ----     |

|    |          |          |          |          |          |          |        |
|----|----------|----------|----------|----------|----------|----------|--------|
| #1 | .0045734 | -.001145 | 233.2582 | -.003102 | -.009856 | .2024234 | ^ ---- |
| #2 | .0063223 | -.004251 | 232.0330 | .001377  | -.006849 | .1950134 | ^ ---- |
| #3 | .0060595 | -.005740 | 232.0438 | -.004924 | -.008206 | .1858863 | ^ ---- |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002794 | -.003405 | .2714064 | .0010657 | .0047118 | 266.2421 | .0150384 |
| Stddev | .000031  | .000094  | .0065808 | .0001240 | .0000857 | 1.1138   | .0023887 |
| %RSD   | 1.115514 | 2.767952 | 2.424707 | 11.63508 | 1.818611 | .4183254 | 15.88411 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002829 | -.003487 | .2774644 | .0011039 | .0046886 | 267.4708 | .0174189 |
| #2 | -.002781 | -.003302 | .2723502 | .0011660 | .0048067 | 265.9568 | .0150547 |
| #3 | -.002771 | -.003425 | .2644047 | .0009271 | .0046401 | 265.2988 | .0126416 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 43.87088 | -.102382 | 45.75656 | .0024287 | .2721698 | -.011148 | 31.92909 |
| Stddev | .18876   | .018987  | .12437   | .0003297 | .0219879 | .001068  | .27295   |
| %RSD   | .4302568 | 18.54474 | .2718046 | 13.57470 | 8.078747 | 9.580616 | .8548775 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 44.08723 | -.080954 | 45.89951 | .0020756 | .2904724 | -.012356 | 32.09689 |
| #2 | 43.73979 | -.117110 | 45.67319 | .0027285 | .2782576 | -.010331 | 32.07624 |
| #3 | 43.78563 | -.109083 | 45.69697 | .0024820 | .2477794 | -.010755 | 31.61413 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2344610 | .0006364 | -.006857 | -.005574 | -.035571 | -.058374 | .1669933 |
| Stddev | .0434649 | .0003596 | .000340  | .000287  | .000415  | .003592  | .0009446 |
| %RSD   | 18.53824 | 56.50995 | 4.951258 | 5.145720 | 1.167306 | 6.152769 | .5656484 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2691350 | .0006616 | -.007147 | -.005830 | -.035167 | -.058424 | .1659084 |
| #2 | .2485483 | .0002648 | -.006940 | -.005264 | -.035549 | -.054757 | .1674386 |
| #3 | .1856997 | .0009827 | -.006484 | -.005629 | -.035997 | -.061940 | .1676329 |

Sample Name: LR2      Acquired: 3/12/2025 16:58:27      Type: Unk  
Method: NON EPA-6010-200.7(v2801)      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    | .0472308 | .0001770 | .0015068 |
| Stddev | .0021450 | .0002311 | .0000383 |
| %RSD   | 4.541522 | 130.5745 | 2.541273 |
| #1     | .0478021 | .0004412 | .0014844 |
| #2     | .0490323 | .0000126 | .0015510 |
| #3     | .0448580 | .0000772 | .0014850 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2949.005 | 74092.20 | 14755.71 | 2041.111 | 4568.434 |
| Stddev    | 6.301    | 108.34   | 40.34    | 21.429   | 8.007    |
| %RSD      | .2136740 | .1462281 | .2734180 | 1.049876 | .1752784 |
| #1        | 2947.442 | 73973.04 | 14714.66 | 2019.275 | 4559.205 |
| #2        | 2955.941 | 74118.75 | 14757.16 | 2041.948 | 4572.546 |
| #3        | 2943.633 | 74184.79 | 14795.31 | 2062.109 | 4573.549 |

Sample Name: Q1517-01DLX20      Acquired: 3/12/2025 17:02:46      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | .0332040 | .2277400 | .0239436 | .1310164 | .0432022 | .2860790 |
| Stddev | .0022887 | .0011744 | .0010703 | .0040483 | .0005258 | .0057150 |
| %RSD   | 6.892941 | .5156828 | 4.469943 | 3.089949 | 1.217074 | 1.997715 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0352877 | .2278202 | .0239466 | .1356791 | .0431042 | .2926603 |
| #2 | .0335701 | .2288722 | .0250124 | .1289747 | .0427323 | .2832085 |
| #3 | .0307543 | .2265275 | .0228718 | .1283956 | .0437701 | .2823682 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0141883 | -.002834 | -.001244 | .4800164 | .0051293 | -.020560 |
| Stddev | .0004944 | .000066  | .000055  | .0046580 | .0003319 | .000130  |
| %RSD   | 3.484736 | 2.321331 | 4.459406 | .9703909 | 6.469892 | .6313564 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0136982 | -.002910 | -.001264 | .4770118 | .0049845 | -.020590 |
| #2 | .0141797 | -.002795 | -.001181 | .4776552 | .0048944 | -.020417 |
| #3 | .0146870 | -.002797 | -.001287 | .4853822 | .0055089 | -.020672 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0468783 | .0522471 | .2554368 | .0761565 | .0027458 | -.001171 |
| Stddev | .0017197 | .0021879 | .0008170 | .0055100 | .0003307 | .000174  |
| %RSD   | 3.668420 | 4.187577 | .3198544 | 7.235126 | 12.04433 | 14.89228 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0485586 | .0499118 | .2550708 | .0789404 | .0031196 | -.001143 |
| #2 | .0469546 | .0542494 | .2548667 | .0797190 | .0026264 | -.001012 |
| #3 | .0451218 | .0525803 | .2563728 | .0698099 | .0024914 | -.001357 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 163.6781 | -.042955 | .0724109 | 485.0088 | .3686775 | F 26.26458 |
| Stddev | .1079    | .000602  | .0004844 | 2.0428   | .0020855 | .09439     |
| %RSD   | .0659132 | 1.401247 | .6689058 | .4211968 | .5656565 | .3593784   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 163.7140 | -.043498 | .0726491 | 486.3128 | .3701909 | 26.18754 |
| #2 | 163.5568 | -.043059 | .0718536 | 482.6545 | .3695430 | 26.23634 |
| #3 | 163.7634 | -.042308 | .0727301 | 486.0592 | .3662987 | 26.36987 |



Sample Name: Q1517-01DLX20      Acquired: 3/12/2025 17:02:46      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | .0289413 | .0026475 | 4.272960 | 1.319757 | 1.099610 | .0054400 |
| Stddev | .0012748 | .0004726 | .021479  | .005873  | .002326  | .0012663 |
| %RSD   | 4.404958 | 17.85219 | .5026625 | .4449732 | .2115482 | 23.27737 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0275283 | .0021637 | 4.294092 | 1.314647 | 1.096924 | .0068709 |
| #2 | .0300054 | .0031082 | 4.251151 | 1.318452 | 1.101006 | .0044640 |
| #3 | .0292902 | .0026707 | 4.273637 | 1.326172 | 1.100899 | .0049852 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0068822 |
| Stddev | .0000537 |
| %RSD   | .7809675 |

|    |          |
|----|----------|
| #1 | .0068988 |
| #2 | .0068221 |
| #3 | .0069257 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2849.613 | 66790.52 | 14793.91 | 1827.677 | 4168.284 |
| Stddev    | 4.505    | 69.10    | 40.25    | 1.070    | 9.726    |
| %RSD      | .1580840 | .1034596 | .2720685 | .0585554 | .2333218 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2845.438 | 66869.52 | 14795.73 | 1826.678 | 4159.054 |
| #2 | 2854.387 | 66741.34 | 14752.78 | 1827.546 | 4178.439 |
| #3 | 2849.014 | 66760.70 | 14833.21 | 1828.806 | 4167.358 |

Sample Name: Q1522-02      Acquired: 3/12/2025 17:07:17      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -.004096 | -.008999 | .0138440 | -.009255 | .0007502 | .7725525 |
| Stddev | .002088  | .001897  | .0012077 | .003364  | .0005539 | .0154035 |
| %RSD   | 50.96405 | 21.07703 | 8.723524 | 36.35024 | 73.83650 | 1.993848 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004890 | -.011182 | .0152100 | -.013036 | .0007545 | .7821634 |
| #2 | -.005671 | -.008061 | .0134041 | -.006592 | .0013019 | .7547859 |
| #3 | -.001728 | -.007754 | .0129180 | -.008137 | .0001941 | .7807082 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0531662 | .0000787 | .0000282 | 206.1591 | .0004534 | .0049004 |
| Stddev | .0007044 | .0000263 | .0000211 | 3.7970   | .0001105 | .0002503 |
| %RSD   | 1.324938 | 33.39123 | 74.70955 | 1.841795 | 24.36263 | 5.107953 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0536078 | .0000505 | .0000502 | 206.4578 | .0005655 | .0051635 |
| #2 | .0523538 | .0000831 | .0000264 | 202.2216 | .0003446 | .0046652 |
| #3 | .0535370 | .0001025 | .0000081 | 209.7980 | .0004502 | .0048724 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060495 | .2401826 | .1098153 | 15.03285 | .0255460 | .0004733 |
| Stddev | .0006452 | .0018261 | .0025352 | .30143   | .0001039 | .0002706 |
| %RSD   | 10.66584 | .7602948 | 2.308609 | 2.005146 | .4065034 | 57.18339 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0067404 | .2421387 | .1096848 | 15.05259 | .0255419 | .0004278 |
| #2 | .0059456 | .2398864 | .1073479 | 14.72203 | .0256519 | .0007638 |
| #3 | .0054625 | .2385227 | .1124133 | 15.32392 | .0254443 | .0002283 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.5671 | .0010921 | .0310806 | 77.92183 | .0646326 | .0070332 |
| Stddev | .4596    | .0007451 | .0002021 | .25776   | .0012611 | .0000298 |
| %RSD   | .3012654 | 68.22644 | .6503319 | .3307923 | 1.951104 | .4242046 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 153.0078 | .0011346 | .0310362 | 77.81876 | .0641860 | .0070062 |
| #2 | 152.6028 | .0018149 | .0309044 | 78.21517 | .0636556 | .0070652 |
| #3 | 152.0907 | .0003266 | .0313012 | 77.73155 | .0660562 | .0070283 |

Sample Name: Q1522-02      Acquired: 3/12/2025 17:07:17      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -0.004112 | -0.002419 | F 17.46550 | .0668389 | F 180.6429 | -0.001455 |
| Stddev | .001427   | .000675   | .02922     | .0031609 | .8660      | .000260   |
| %RSD   | 34.69634  | 27.91432  | .1673287   | 4.729080 | .4793906   | 17.88504  |

|    |           |           |          |          |          |           |
|----|-----------|-----------|----------|----------|----------|-----------|
| #1 | -0.005080 | -0.001946 | 17.44820 | .0632556 | 181.5664 | -0.001754 |
| #2 | -0.002474 | -0.002118 | 17.49924 | .0692313 | 179.8490 | -0.001281 |
| #3 | -0.004783 | -0.003192 | 17.44906 | .0680299 | 180.5133 | -0.001331 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.234043 |
| Stddev | .013734  |
| %RSD   | 1.112949 |

|    |          |
|----|----------|
| #1 | 1.248221 |
| #2 | 1.220801 |
| #3 | 1.233106 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3004.588 | 68915.14 | 14745.96 | 1931.286 | 4107.744 |
| Stddev    | 16.407   | 168.88   | 242.18   | 2.707    | 16.507   |
| %RSD      | .5460659 | .2450503 | 1.642332 | .1401570 | .4018584 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3003.405 | 69016.62 | 14714.08 | 1931.388 | 4102.823 |
| #2 | 3021.554 | 68720.20 | 15002.50 | 1928.529 | 4126.153 |
| #3 | 2988.804 | 69008.62 | 14521.30 | 1933.940 | 4094.257 |

Sample Name: Q1522-02DUP      Acquired: 3/12/2025 17:11:48      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -.001987 | -.007880 | .0255996 | -.010112 | .0001723 | .7880698 |
| Stddev | .000437  | .000783  | .0005013 | .001589  | .0006581 | .0111928 |
| %RSD   | 21.98875 | 9.942525 | 1.958133 | 15.71224 | 381.8322 | 1.420280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002213 | -.008762 | .0260855 | -.009295 | .0008005 | .7898727 |
| #2 | -.001483 | -.007265 | .0250843 | -.009098 | -.000512 | .7760850 |
| #3 | -.002264 | -.007613 | .0256289 | -.011943 | .000229  | .7982518 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0508934 | .0000870 | .0000103 | 201.5095 | .0002680 | .0051272 |
| Stddev | .0003538 | .0000349 | .0000738 | .1331    | .0003009 | .0000795 |
| %RSD   | .6950932 | 40.18090 | 714.5303 | .0660735 | 112.2851 | 1.549771 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0511878 | .0001264 | -.000074 | 201.6131 | .0005692 | .0050932 |
| #2 | .0509914 | .0000748 | .000044  | 201.5562 | .0002674 | .0050704 |
| #3 | .0505010 | .0000597 | .000061  | 201.3593 | -.000033 | .0052180 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081307 | .2697252 | .1088565 | 14.72141 | .0253980 | .0005693 |
| Stddev | .0001982 | .0040449 | .0007060 | .02586   | .0004289 | .0004708 |
| %RSD   | 2.437918 | 1.499619 | .6485556 | .1756822 | 1.688805 | 82.70570 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0080706 | .2725546 | .1091644 | 14.73704 | .0249721 | .0000868 |
| #2 | .0083520 | .2715286 | .1093563 | 14.69155 | .0253922 | .0005936 |
| #3 | .0079695 | .2650923 | .1080489 | 14.73563 | .0258299 | .0010275 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.8983 | .0007028 | .0369651 | 77.41175 | .0618527 | .0067672 |
| Stddev | 2.8215   | .0005809 | .0005987 | 1.03884  | .0005117 | .0002261 |
| %RSD   | 1.833341 | 82.65001 | 1.619681 | 1.341961 | .8272420 | 3.341668 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 157.0991 | .0013062 | .0376428 | 78.58388 | .0614901 | .0067157 |
| #2 | 151.7719 | .0006551 | .0367447 | 77.04649 | .0616302 | .0070146 |
| #3 | 152.8239 | .0001473 | .0365078 | 76.60488 | .0624380 | .0065712 |

Sample Name: Q1522-02DUP      Acquired: 3/12/2025 17:11:48      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -0.003732 | -0.000995 | F 17.44725 | .0669609 | F 180.0311 | -0.002367 |
| Stddev | .000321   | .000508   | .22389     | .0029311 | .5637      | .000252   |
| %RSD   | 8.613417  | 51.07983  | 1.283265   | 4.377381 | .3131093   | 10.65537  |

|    |           |           |          |          |          |           |
|----|-----------|-----------|----------|----------|----------|-----------|
| #1 | -0.004100 | -0.000455 | 17.70571 | .0673007 | 180.6796 | -0.002457 |
| #2 | -0.003509 | -0.001067 | 17.32311 | .0638747 | 179.7554 | -0.002561 |
| #3 | -0.003587 | -0.001463 | 17.31292 | .0697074 | 179.6583 | -0.002082 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.206126 |
| Stddev | .006654  |
| %RSD   | .5517224 |

|    |          |
|----|----------|
| #1 | 1.212635 |
| #2 | 1.199335 |
| #3 | 1.206407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3012.093 | 68930.77 | 14946.58 | 1891.105 | 4128.457 |
| Stddev    | 11.377   | 1087.87  | 71.76    | 37.650   | 9.715    |
| %RSD      | .3777140 | 1.578208 | .4800898 | 1.990893 | .2353177 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2999.772 | 67699.48 | 14892.74 | 1847.644 | 4117.357 |
| #2 | 3022.200 | 69761.84 | 15028.05 | 1913.756 | 4132.599 |
| #3 | 3014.308 | 69331.00 | 14918.96 | 1911.915 | 4135.413 |

Sample Name: Q1522-02LX5      Acquired: 3/12/2025 17:16:20      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -.001696 | -.002362 | .0015685 | -.007382 | -.002597 | .2182369 |
| Stddev | .002299  | .000961  | .0008649 | .000944  | .001090  | .0059492 |
| %RSD   | 135.5686 | 40.67831 | 55.13932 | 12.79145 | 41.97516 | 2.726014 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000955  | -.001532 | .0009489 | -.008443 | -.002121 | .2153583 |
| #2 | -.003146 | -.002140 | .0025567 | -.006634 | -.003844 | .2250779 |
| #3 | -.002896 | -.003414 | .0012002 | -.007070 | -.001826 | .2142746 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051156 | .0000431 | .0000450 | 41.30703 | -.000102 | .0010780 |
| Stddev | .0003263 | .0000410 | .0000189 | .07588   | .000124  | .0001625 |
| %RSD   | 6.378921 | 95.18033 | 42.02266 | .1836929 | 121.7518 | 15.07114 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0048882 | .0000882 | .0000293 | 41.38389 | -.000219 | .0009064 |
| #2 | .0049691 | .0000333 | .0000396 | 41.23217 | -.000116 | .0012295 |
| #3 | .0054895 | .0000079 | .0000660 | 41.30504 | .000029  | .0010982 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010536 | .0504137 | .0231672 | 3.055482 | .0051995 | .0007473 |
| Stddev | .0004349 | .0020151 | .0002966 | .014445  | .0002785 | .0004055 |
| %RSD   | 41.27931 | 3.997225 | 1.280482 | .4727628 | 5.356891 | 54.25869 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0007664 | .0509827 | .0229600 | 3.054458 | .0052912 | .0010970 |
| #2 | .0015539 | .0481753 | .0230346 | 3.070412 | .0054206 | .0008419 |
| #3 | .0008404 | .0520832 | .0235070 | 3.041576 | .0048867 | .0003029 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 28.29637 | .0009389 | .0068572 | 14.43808 | .0108107 | .0010541 |
| Stddev | .04555   | .0006477 | .0002283 | .05375   | .0004589 | .0003230 |
| %RSD   | .1609810 | 68.98749 | 3.329775 | .3722515 | 4.244768 | 30.64327 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 28.30704 | .0006437 | .0068011 | 14.49766 | .0113282 | .0009622 |
| #2 | 28.24643 | .0016816 | .0071083 | 14.39324 | .0104533 | .0014131 |
| #3 | 28.33564 | .0004914 | .0066621 | 14.42333 | .0106506 | .0007870 |

Sample Name: Q1522-02LX5      Acquired: 3/12/2025 17:16:20      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | -.001672 | .0005183 | 3.281988 | .0108571 | F 36.33356 | -.000331 |
| Stddev | .000222  | .0001326 | .010036  | .0028903 | .13924     | .000376  |
| %RSD   | 13.28401 | 25.57786 | .3057846 | 26.62170 | .3832259   | 113.6679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001508 | .0004131 | 3.278541 | .0117186 | 36.41529 | -.000056 |
| #2 | -.001584 | .0004746 | 3.274130 | .0132187 | 36.41261 | -.000177 |
| #3 | -.001925 | .0006672 | 3.293293 | .0076339 | 36.17279 | -.000760 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2458767 |
| Stddev | .0004475 |
| %RSD   | .1819804 |

|    |          |
|----|----------|
| #1 | .2462258 |
| #2 | .2453723 |
| #3 | .2460319 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3255.079 | 73617.31 | 15195.16 | 2097.042 | 4552.735 |
| Stddev    | 9.562    | 159.07   | 26.95    | 12.497   | 8.582    |
| %RSD      | .2937426 | .2160800 | .1773284 | .5959498 | .1885032 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3248.833 | 73466.94 | 15183.64 | 2082.678 | 4545.339 |
| #2 | 3250.318 | 73783.85 | 15225.95 | 2105.420 | 4550.721 |
| #3 | 3266.087 | 73601.13 | 15175.89 | 2103.028 | 4562.145 |

Sample Name: CCV07      Acquired: 3/12/2025 17:25:10      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | 5.302138 | 5.091625 | 5.031287 | 5.119870 | 5.201972 | 9.920441 |
| Stddev | .025914  | .044996  | .017896  | .025709  | .026120  | .024974  |
| %RSD   | .4887459 | .8837186 | .3556974 | .5021464 | .5021204 | .2517391 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.282647 | 5.050879 | 5.012841 | 5.109293 | 5.191784 | 9.900856 |
| #2 | 5.292222 | 5.084082 | 5.032440 | 5.101137 | 5.182481 | 9.911903 |
| #3 | 5.331546 | 5.139916 | 5.048578 | 5.149181 | 5.231651 | 9.948564 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.239139 | .2344770 | 2.456161 | 23.12395 | 1.049261 | 2.460305 |
| Stddev | .119174  | .0012779 | .012917  | .03728   | .002324  | .010569  |
| %RSD   | 1.289886 | .5450091 | .5259019 | .1612282 | .2215159 | .4295780 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.221870 | .2359172 | 2.442381 | 23.11430 | 1.046894 | 2.449381 |
| #2 | 9.129541 | .2334788 | 2.458109 | 23.09244 | 1.051541 | 2.461055 |
| #3 | 9.366005 | .2340350 | 2.467993 | 23.16511 | 1.049347 | 2.470479 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.279323 | 4.871902 | 2.250377 | 23.35141 | 2.449320 | 1.272539 |
| Stddev | .007077  | .042594  | .011805  | .08815   | .011935  | .002155  |
| %RSD   | .5531476 | .8742691 | .5245955 | .3775004 | .4872619 | .1693083 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.276479 | 4.830346 | 2.241842 | 23.45067 | 2.436618 | 1.271393 |
| #2 | 1.274111 | 4.869898 | 2.245441 | 23.28225 | 2.451041 | 1.275024 |
| #3 | 1.287379 | 4.915463 | 2.263850 | 23.32130 | 2.460300 | 1.271200 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.87252 | 2.394673 | 2.560148 | 25.10157 | 4.658252 | 5.171266 |
| Stddev | .30562   | .008257  | .012937  | .24710   | .026814  | .024214  |
| %RSD   | 1.137288 | .3447880 | .5053412 | .9843872 | .5756259 | .4682428 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.54595 | 2.388738 | 2.548105 | 24.83540 | 4.688952 | 5.154209 |
| #2 | 26.91997 | 2.391178 | 2.558516 | 25.14566 | 4.646380 | 5.160607 |
| #3 | 27.15164 | 2.404102 | 2.573825 | 25.32365 | 4.639423 | 5.198981 |



Sample Name: CCV07      Acquired: 3/12/2025 17:25:10      Type: Unk  
Method: NON EPA-6010-200.7(v2802)      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    | 4.982556 | 4.669991 | F 5.540037 | 4.793143 | 4.807314 | 4.648240 |
| Stddev | .022317  | .017580  | .065524    | .021385  | .016237  | .024677  |
| %RSD   | .4478958 | .3764387 | 1.182745   | .4461623 | .3377606 | .5308953 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.959295 | 4.656123 | 5.465030 | 4.786137 | 4.795995 | 4.624582 |
| #2 | 4.984582 | 4.664087 | 5.568938 | 4.776140 | 4.800028 | 4.646313 |
| #3 | 5.003790 | 4.689763 | 5.586141 | 4.817153 | 4.825918 | 4.673824 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.676951 |
| Stddev | .046091  |
| %RSD   | .9854836 |

|    |          |
|----|----------|
| #1 | 4.625126 |
| #2 | 4.692377 |
| #3 | 4.713349 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3211.739 | 72248.85 | 14762.36 | 2057.010 | 4371.059 |
| Stddev    | 8.327    | 295.26   | 40.19    | 15.084   | 15.283   |
| %RSD      | .2592627 | .4086669 | .2722719 | .7332790 | .3496427 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3216.786 | 72585.24 | 14719.24 | 2072.610 | 4388.113 |
| #2 | 3216.304 | 72128.66 | 14798.78 | 2055.919 | 4366.458 |
| #3 | 3202.128 | 72032.64 | 14769.05 | 2042.502 | 4358.604 |

Sample Name: CCB07      Acquired: 3/12/2025 17:30:50      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014389 | -.000388 | -.000052 | -.008095 | -.000208 | .0006701 | -.004898 |
| Stddev | .0006145 | .001060  | .000677  | .001853  | .000541  | .0020363 | .000876  |
| %RSD   | 42.70735 | 273.0484 | 1307.501 | 22.89354 | 260.1360 | 303.8807 | 17.88143 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0021302 | .000779  | .000636  | -.008093 | -.000640 | -.000215 | -.005757 |
| #2 | .0012320 | -.000653 | -.000717 | -.009949 | .000399  | -.000774 | -.004006 |
| #3 | .0009545 | -.001292 | -.000074 | -.006242 | -.000382 | .002999  | -.004931 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000299 | .0000193 | -.003438 | .0000067 | .0001339 | .0004113 | -.004937 |
| Stddev | .0000335 | .0000862 | .002437  | .0003579 | .0002599 | .0001984 | .001052  |
| %RSD   | 111.8929 | 446.3999 | 70.89321 | 5366.088 | 194.1980 | 48.24788 | 21.31341 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000005 | .0000316 | -.006252 | .0003592 | .0000756 | .0002513 | -.003860 |
| #2 | .000061  | -.000072 | -.002020 | -.000356 | -.000092 | .0006333 | -.004989 |
| #3 | .000034  | .000099  | -.002041 | .000017  | .000418  | .0003493 | -.005963 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000566 | .0031537 | .0001611 | .0007288 | .0569828 | .0001559 | -.000041 |
| Stddev | .000130  | .0124910 | .0002212 | .0004390 | .0035539 | .0006909 | .000124  |
| %RSD   | 22.91600 | 396.0766 | 137.2940 | 60.23937 | 6.236849 | 443.1895 | 301.9435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000446 | .0139113 | .0003859 | .0002421 | .0566020 | .0001069 | -.000183 |
| #2 | -.000548 | -.010546 | -.000056 | .0008494 | .0536346 | -.000509 | .000021  |
| #3 | -.000704 | .006095  | .000153  | .0010948 | .0607118 | .000870  | .000039  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.042318 | .0024348 | .0001331 | -.000035 | .0012287 | -.041340 | -.003426 |
| Stddev | .013573  | .0006194 | .0002068 | .000558  | .0004449 | .003905  | .001124  |
| %RSD   | 32.07278 | 25.43765 | 155.3997 | 1602.707 | 36.20558 | 9.447267 | 32.80060 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.056717 | .0031349 | -.000036 | -.000400 | .0009697 | -.045849 | -.004715 |
| #2 | -.029759 | .0019583 | .000072  | -.000312 | .0017424 | -.039113 | -.002912 |
| #3 | -.040479 | .0022112 | .000364  | .000607  | .0009740 | -.039057 | -.002652 |

Sample Name: CCB07      Acquired: 3/12/2025 17:30:50      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0013307 | -.003399 | -.000005 |
| Stddev | .0024783 | .001303  | .000032  |
| %RSD   | 186.2429 | 38.34492 | 645.5728 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0041725 | -.004717 | -.000037 |
| #2 | .0002020 | -.002110 | .000027  |
| #3 | -.000382 | -.003371 | -.000004 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3376.738 | 74286.38 | 15141.67 | 2138.973 | 4939.036 |
| Stddev    | 6.679    | 131.44   | 69.41    | 8.477    | 8.824    |
| %RSD      | .1977974 | .1769355 | .4584155 | .3963220 | .1786653 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3380.335 | 74207.24 | 15070.73 | 2129.668 | 4949.179 |
| #2 | 3369.032 | 74213.79 | 15209.44 | 2146.257 | 4934.804 |
| #3 | 3380.848 | 74438.10 | 15144.86 | 2140.993 | 4933.125 |

Sample Name: Q1522-02MS      Acquired: 3/12/2025 17:35:08      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8352482 | 1.800482 | .9148921 | 1.955647 | .8429033 | 2.694518 |
| Stddev | .0022987 | .010514  | .0074611 | .015923  | .0062950 | .028622  |
| %RSD   | .2752106 | .5839452 | .8155145 | .8142235 | .7468186 | 1.062239 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8376202 | 1.804272 | .9207200 | 1.971259 | .8491020 | 2.721500 |
| #2 | .8350939 | 1.808575 | .9174732 | 1.956250 | .8430916 | 2.697557 |
| #3 | .8330305 | 1.788598 | .9064832 | 1.939430 | .8365163 | 2.664498 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2245187 | .1900459 | .1874361 | 205.2978 | .4142318 | .1966746 |
| Stddev | .0014317 | .0008790 | .0014216 | .8245    | .0012074 | .0013111 |
| %RSD   | .6376648 | .4624964 | .7584566 | .4016308 | .2914767 | .6666266 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2258912 | .1890587 | .1886025 | 206.0299 | .4146126 | .1977610 |
| #2 | .2230344 | .1907435 | .1878531 | 205.4587 | .4152028 | .1970444 |
| #3 | .2246306 | .1903355 | .1858526 | 204.4046 | .4128799 | .1952183 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2972594 | 3.018604 | .3196065 | 16.99909 | .5012864 | .0607276 |
| Stddev | .0024151 | .024923  | .0008503 | .03822   | .0042978 | .0003176 |
| %RSD   | .8124663 | .8256339 | .2660401 | .2248552 | .8573621 | .5229307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2999127 | 3.042664 | .3205329 | 16.95685 | .5054341 | .0609499 |
| #2 | .2966760 | 2.992900 | .3194250 | 17.03128 | .5015725 | .0603639 |
| #3 | .2951893 | 3.020248 | .3188617 | 17.00914 | .4968527 | .0608691 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 145.6115 | .2856026 | .2384419 | 83.49582 | .3231507 | .4986404 |
| Stddev | 1.4164   | .0035592 | .0014942 | .95004   | .0019265 | .0034444 |
| %RSD   | .9727545 | 1.246223 | .6266532 | 1.137830 | .5961742 | .6907649 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 147.1645 | .2891025 | .2394528 | 84.56447 | .3209988 | .5015328 |
| #2 | 144.3906 | .2857184 | .2367256 | 83.17612 | .3247149 | .4995585 |
| #3 | 145.2795 | .2819868 | .2391473 | 82.74687 | .3237385 | .4948300 |

Sample Name: Q1522-02MS      Acquired: 3/12/2025 17:35:08      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6721097 | .1814503 | F 17.30345 | 5.904244 | F 175.8411 | .1889766 |
| Stddev | .0050126 | .0005145 | .14489     | .052553  | 1.1803     | .0027849 |
| %RSD   | .7458015 | .2835655 | .8373192   | .8900833 | .6712446   | 1.473676 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6771281 | .1820429 | 17.47052 | 5.946688 | 176.9668 | .1915896 |
| #2 | .6720982 | .1811903 | 17.22751 | 5.920581 | 175.9435 | .1892933 |
| #3 | .6671029 | .1811176 | 17.21233 | 5.845464 | 174.6128 | .1860469 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.393253 |
| Stddev | .015283  |
| %RSD   | 1.096934 |

|    |          |
|----|----------|
| #1 | 1.405579 |
| #2 | 1.398028 |
| #3 | 1.376153 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3094.870 | 69280.62 | 14020.94 | 1994.310 | 4206.195 |
| Stddev    | 30.029   | 115.52   | 64.94    | 5.427    | 38.951   |
| %RSD      | .9702989 | .1667429 | .4631892 | .2721417 | .9260503 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3063.280 | 69409.05 | 14092.57 | 1993.456 | 4167.593 |
| #2 | 3098.283 | 69247.65 | 13965.91 | 2000.114 | 4205.503 |
| #3 | 3123.048 | 69185.18 | 14004.32 | 1989.360 | 4245.487 |

Sample Name: Q1522-02MSD      Acquired: 3/12/2025 17:39:25      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8473684 | 1.802383 | .9086939 | 1.975559 | .8452488 | 2.693854 |
| Stddev | .0043367 | .019540  | .0049456 | .007869  | .0016805 | .007095  |
| %RSD   | .5117827 | 1.084101 | .5442526 | .3983350 | .1988161 | .2633778 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8471404 | 1.795335 | .9098089 | 1.978917 | .8459632 | 2.689171 |
| #2 | .8431502 | 1.787345 | .9032860 | 1.966567 | .8433292 | 2.702017 |
| #3 | .8518145 | 1.824469 | .9129868 | 1.981191 | .8464542 | 2.690375 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2294588 | .1751053 | .1866834 | 202.0551 | .4097381 | .1965549 |
| Stddev | .0015115 | .0014673 | .0006660 | 1.4526   | .0038182 | .0010961 |
| %RSD   | .6587331 | .8379513 | .3567532 | .7189373 | .9318521 | .5576422 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2312020 | .1765578 | .1867762 | 203.3309 | .4102780 | .1969900 |
| #2 | .2286628 | .1736236 | .1859758 | 200.4741 | .4132576 | .1953081 |
| #3 | .2285116 | .1751346 | .1872981 | 202.3603 | .4056788 | .1973666 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2979931 | 3.148171 | .3153343 | 16.37372 | .4990547 | .0600746 |
| Stddev | .0010625 | .027945  | .0018861 | .09463   | .0027725 | .0010786 |
| %RSD   | .3565429 | .8876534 | .5981365 | .5779657 | .5555403 | 1.795444 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2983116 | 3.146995 | .3168333 | 16.38784 | .5004838 | .0604748 |
| #2 | .2968078 | 3.176685 | .3132165 | 16.27282 | .4958593 | .0608958 |
| #3 | .2988599 | 3.120832 | .3159531 | 16.46051 | .5008210 | .0588530 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 155.1810 | .2829187 | .2390474 | 90.07053 | .2988130 | .4937903 |
| Stddev | .3437    | .0007124 | .0013357 | .86243   | .0034610 | .0017018 |
| %RSD   | .2214537 | .2517905 | .5587597 | .9574997 | 1.158238 | .3446363 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 155.3699 | .2823042 | .2398066 | 89.83661 | .3022845 | .4934555 |
| #2 | 155.3887 | .2836995 | .2398306 | 91.02578 | .2953627 | .4922808 |
| #3 | 154.7843 | .2827525 | .2375052 | 89.34919 | .2987916 | .4956346 |

Sample Name: Q1522-02MSD      Acquired: 3/12/2025 17:39:25      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6726376 | .1817207 | F 18.19957 | 5.932313 | F 176.5778 | .1958293 |
| Stddev | .0031122 | .0012803 | .17149     | .031039  | .7615      | .0006359 |
| %RSD   | .4626825 | .7045503 | .9422688   | .5232157 | .4312671   | .3246988 |
| #1     | .6726748 | .1828434 | 18.15807   | 5.939711 | 176.6491   | .1959070 |
| #2     | .6695070 | .1803264 | 18.38801   | 5.898243 | 175.7831   | .1951581 |
| #3     | .6757311 | .1819923 | 18.05265   | 5.958983 | 177.3011   | .1964227 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 1.409894 |
| Stddev | .016505  |
| %RSD   | 1.170650 |
| #1     | 1.425147 |
| #2     | 1.392372 |
| #3     | 1.412163 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3087.997 | 70808.82 | 15361.52 | 1986.120 | 4206.188 |
| Stddev    | 4.851    | 354.85   | 112.29   | 11.620   | 8.595    |
| %RSD      | .1570986 | .5011332 | .7309682 | .5850477 | .2043306 |
| #1        | 3090.098 | 71023.90 | 15316.63 | 1998.957 | 4208.585 |
| #2        | 3091.444 | 70399.25 | 15489.30 | 1976.321 | 4213.329 |
| #3        | 3082.450 | 71003.30 | 15278.61 | 1983.084 | 4196.649 |

Sample Name: Q1522-02A      Acquired: 3/12/2025 17:43:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8648029 | 1.833291 | .9220352 | 2.035886 | .8717830 | 2.739461 |
| Stddev | .0024358 | .007019  | .0065444 | .004547  | .0023116 | .017096  |
| %RSD   | .2816552 | .3828851 | .7097753 | .2233292 | .2651622 | .6240699 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8659767 | 1.828850 | .9172998 | 2.035614 | .8691138 | 2.742912 |
| #2 | .8620025 | 1.841383 | .9193028 | 2.031481 | .8731336 | 2.754568 |
| #3 | .8664295 | 1.829639 | .9295030 | 2.040562 | .8731016 | 2.720903 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2334882 | .1743336 | .1892653 | 205.4996 | .4234674 | .1989446 |
| Stddev | .0005260 | .0001653 | .0006786 | .6447    | .0054410 | .0012777 |
| %RSD   | .2252834 | .0948201 | .3585479 | .3137199 | 1.284864 | .6422407 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2337610 | .1742960 | .1891716 | 206.0068 | .4214773 | .1983862 |
| #2 | .2338217 | .1741903 | .1886384 | 205.7179 | .4193016 | .1980411 |
| #3 | .2328818 | .1745145 | .1899859 | 204.7741 | .4296232 | .2004064 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3030778 | 3.302252 | .3190485 | 16.63338 | .5047627 | .0559938 |
| Stddev | .0007931 | .007517  | .0006685 | .06354   | .0022328 | .0006554 |
| %RSD   | .2617001 | .2276324 | .2095449 | .3819966 | .4423479 | 1.170562 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3021620 | 3.296445 | .3198171 | 16.70233 | .5036262 | .0555864 |
| #2 | .3035227 | 3.299568 | .3186018 | 16.62060 | .5033268 | .0556450 |
| #3 | .3035486 | 3.310742 | .3187266 | 16.57720 | .5073351 | .0567499 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 159.5987 | .2869622 | .2463236 | 94.48532 | .2953542 | .5062396 |
| Stddev | 2.5867   | .0018878 | .0030082 | .81975   | .0001121 | .0011631 |
| %RSD   | 1.620739 | .6578410 | 1.221224 | .8675907 | .0379462 | .2297447 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 156.9665 | .2891275 | .2442618 | 94.10034 | .2953772 | .5054893 |
| #2 | 159.6922 | .2856624 | .2449337 | 93.92892 | .2954529 | .5056501 |
| #3 | 162.1374 | .2860967 | .2497754 | 95.42669 | .2952324 | .5075794 |



Sample Name: Q1522-02A      Acquired: 3/12/2025 17:43:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6838697 | .1839447 | F 19.11204 | 5.957680 | F 178.3749 | .1965571 |
| Stddev | .0027800 | .0008083 | .20296     | .012261  | .4691      | .0003621 |
| %RSD   | .4065057 | .4394139 | 1.061945   | .2057999 | .2629852   | .1842132 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6827313 | .1841495 | 19.04288 | 5.961367 | 178.2191 | .1966735 |
| #2 | .6818396 | .1846309 | 18.95271 | 5.943998 | 178.0035 | .1968467 |
| #3 | .6870382 | .1830537 | 19.34055 | 5.967674 | 178.9020 | .1961511 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.443006 |
| Stddev | .021791  |
| %RSD   | 1.510082 |

|    |          |
|----|----------|
| #1 | 1.418929 |
| #2 | 1.461374 |
| #3 | 1.448714 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3022.595 | 68812.89 | 15439.60 | 1910.555 | 4137.434 |
| Stddev    | 14.911   | 513.43   | 83.86    | 9.999    | 23.315   |
| %RSD      | .4933104 | .7461251 | .5431585 | .5233768 | .5635249 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3029.467 | 68750.56 | 15358.76 | 1909.008 | 4148.679 |
| #2 | 3032.831 | 69354.64 | 15433.84 | 1921.238 | 4152.995 |
| #3 | 3005.488 | 68333.47 | 15526.19 | 1901.419 | 4110.627 |

Sample Name: Q1478-07      Acquired: 3/12/2025 17:47:58      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .0046669 | -.008392 | .0019072 | -.007016 | .0003658 | 4.007354 |
| Stddev | .0043474 | .000995  | .0006987 | .001524  | .0001774 | .006743  |
| %RSD   | 93.15395 | 11.86097 | 36.63483 | 21.71492 | 48.50872 | .1682610 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0024141 | -.008893 | .0024012 | -.008772 | .0002617 | 4.002120 |
| #2 | .0019083 | -.009037 | .0011078 | -.006037 | .0005706 | 4.004979 |
| #3 | .0096783 | -.007246 | .0022124 | -.006240 | .0002649 | 4.014963 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2230118 | .0001283 | -.000208 | 140.6733 | .0298300 | .0073815 |
| Stddev | .0009422 | .0000269 | .000097  | .2389    | .0002949 | .0001228 |
| %RSD   | .4225045 | 20.97609 | 46.45424 | .1698303 | .9886460 | 1.663048 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2219882 | .0000983 | -.000257 | 140.4319 | .0296738 | .0075231 |
| #2 | .2238430 | .0001360 | -.000097 | 140.9096 | .0296460 | .0073148 |
| #3 | .2232040 | .0001504 | -.000272 | 140.6785 | .0301701 | .0073065 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042665 | 7.634929 | .4478216 | 8.392013 | .0145591 | .0007353 |
| Stddev | .0003031 | .040283  | .0014339 | .010645  | .0001369 | .0001025 |
| %RSD   | 7.104467 | .5276118 | .3201940 | .1268447 | .9402487 | 13.94076 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0044663 | 7.589673 | .4465734 | 8.384319 | .0145594 | .0006223 |
| #2 | .0044156 | 7.648248 | .4493878 | 8.387558 | .0146958 | .0008224 |
| #3 | .0039178 | 7.666865 | .4475034 | 8.404161 | .0144220 | .0007614 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 147.2809 | .1005256 | .0278281 | 18.92269 | .0503189 | .1390831 |
| Stddev | 1.0530   | .0013468 | .0003927 | .12120   | .0010034 | .0003596 |
| %RSD   | .7149865 | 1.339801 | 1.411331 | .6404869 | 1.994167 | .2585288 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 146.3209 | .0989893 | .0274596 | 18.80294 | .0505299 | .1387215 |
| #2 | 148.4072 | .1015033 | .0277835 | 19.04528 | .0492267 | .1390871 |
| #3 | 147.1147 | .1010842 | .0282413 | 18.91986 | .0512000 | .1394406 |

Sample Name: Q1478-07      Acquired: 3/12/2025 17:47:58      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.002402 | .1995015 | F 42.61734 | .1208358 | F 41.79106 | -.012145 |
| Stddev | .000713  | .0010865 | .16487     | .0025473 | .06740     | .000820  |
| %RSD   | 29.68615 | .5446007 | .3868659   | 2.108046 | .1612719   | 6.755242 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002154 | .1984570 | 42.42851 | .1183770 | 41.86659 | -.011241 |
| #2 | -.001847 | .2006256 | 42.73274 | .1234632 | 41.76954 | -.012352 |
| #3 | -.003207 | .1994221 | 42.69078 | .1206673 | 41.73706 | -.012843 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5111396 |
| Stddev | .0014620 |
| %RSD   | .2860176 |

|    |          |
|----|----------|
| #1 | .5095801 |
| #2 | .5124790 |
| #3 | .5113599 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3063.448 | 70727.08 | 15364.75 | 1956.610 | 4207.308 |
| Stddev    | 4.119    | 161.07   | 23.05    | 11.797   | 1.260    |
| %RSD      | .1344602 | .2277387 | .1500169 | .6029429 | .0299368 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3065.366 | 70884.25 | 15347.94 | 1962.750 | 4207.676 |
| #2 | 3058.720 | 70734.60 | 15391.03 | 1964.070 | 4205.905 |
| #3 | 3066.259 | 70562.37 | 15355.29 | 1943.009 | 4208.343 |

Sample Name: Q1478-07DUP      Acquired: 3/12/2025 17:52:20      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .0044017 | -.008233 | .0011342 | -.007126 | -.000045 | 3.935496 |
| Stddev | .0014273 | .001486  | .0012310 | .001312  | .002030  | .003977  |
| %RSD   | 32.42692 | 18.04970 | 108.5339 | 18.41706 | 4543.892 | .1010497 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0059028 | -.008359 | .0008447 | -.007036 | -.002057 | 3.931220 |
| #2 | .0042405 | -.009652 | .0024842 | -.008482 | -.000079 | 3.939084 |
| #3 | .0030618 | -.006688 | .0000738 | -.005862 | .002002  | 3.936185 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2311322 | .0001109 | -.000271 | 142.9751 | .0291775 | .0071118 |
| Stddev | .0008982 | .0000732 | .000084  | .7319    | .0002967 | .0001005 |
| %RSD   | .3886015 | 65.97699 | 30.78988 | .5118816 | 1.016956 | 1.412537 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2308844 | .0001347 | -.000181 | 142.7483 | .0288484 | .0070093 |
| #2 | .2303839 | .0001692 | -.000287 | 142.3834 | .0292592 | .0072101 |
| #3 | .2321282 | .0000288 | -.000346 | 143.7935 | .0294247 | .0071161 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0042033 | 7.885876 | .4534545 | 8.510186 | .0144087 | .0005044 |
| Stddev | .0003726 | .006927  | .0029939 | .065301  | .0003125 | .0003214 |
| %RSD   | 8.865527 | .0878395 | .6602503 | .7673300 | 2.168708 | 63.72827 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0040042 | 7.892395 | .4529585 | 8.465926 | .0145014 | .0001649 |
| #2 | .0039726 | 7.886629 | .4507395 | 8.479448 | .0140603 | .0008040 |
| #3 | .0046333 | 7.878603 | .4566654 | 8.585184 | .0146643 | .0005443 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 143.8188 | .1010868 | .0274854 | 19.37645 | .0507528 | .1363883 |
| Stddev | 1.2621   | .0007558 | .0001485 | .07193   | .0003490 | .0006985 |
| %RSD   | .8775822 | .7476713 | .5402742 | .3712372 | .6875402 | .5121297 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 142.5885 | .1016524 | .0275872 | 19.41618 | .0508412 | .1358020 |
| #2 | 145.1105 | .1013796 | .0273150 | 19.41976 | .0503681 | .1362018 |
| #3 | 143.7572 | .1002284 | .0275539 | 19.29341 | .0510490 | .1371611 |

Sample Name: Q1478-07DUP      Acquired: 3/12/2025 17:52:20      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.003009 | .2013015 | F 43.08741 | .1230705 | F 41.53975 | -.012526 |
| Stddev | .000462  | .0006993 | .11224     | .0003502 | .20148     | .000346  |
| %RSD   | 15.34808 | .3474129 | .2604914   | .2845372 | .4850226   | 2.765353 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003500 | .2012165 | 43.15012 | .1230747 | 41.48723 | -.012824 |
| #2 | -.002584 | .2006485 | 43.15428 | .1227183 | 41.36973 | -.012146 |
| #3 | -.002942 | .2020395 | 42.95783 | .1234186 | 41.76228 | -.012608 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5164078 |
| Stddev | .0007501 |
| %RSD   | .1452577 |

|    |          |
|----|----------|
| #1 | .5163176 |
| #2 | .5157068 |
| #3 | .5171989 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3124.274 | 70238.95 | 15448.54 | 2006.296 | 4244.656 |
| Stddev    | 13.992   | 149.94   | 92.00    | 13.443   | 22.666   |
| %RSD      | .4478547 | .2134702 | .5955502 | .6700331 | .5340007 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3129.599 | 70106.45 | 15459.97 | 2001.102 | 4252.548 |
| #2 | 3134.822 | 70401.71 | 15534.29 | 2021.561 | 4262.321 |
| #3 | 3108.401 | 70208.68 | 15351.35 | 1996.225 | 4219.098 |

Sample Name: Q1478-07LX5      Acquired: 3/12/2025 17:56:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .0015638 | -.004377 | -.000086 | -.008856 | -.001421 | .8401960 | .0413079 |
| Stddev | .0017508 | .001429  | .001320  | .002729  | .000820  | .0025345 | .0008138 |
| %RSD   | 111.9595 | 32.65029 | 1537.572 | 30.81134 | 57.70071 | .3016511 | 1.970153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017056 | -.005566 | -.000900 | -.006475 | -.002346 | .8372919 | .0422014 |
| #2 | .0032393 | -.004773 | .001438  | -.008259 | -.000784 | .8413350 | .0411131 |
| #3 | -.000254 | -.002792 | -.000795 | -.011833 | -.001132 | .8419612 | .0406091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000477 | -.000028 | 29.16610 | .0060464 | .0015946 | .0009270 | 1.521583 |
| Stddev | .0000302 | .000022  | .03917   | .0001405 | .0001260 | .0001859 | .002064  |
| %RSD   | 63.28583 | 79.93933 | .1343052 | 2.324181 | 7.903253 | 20.05975 | .1356176 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000810 | -.000048 | 29.15475 | .0058938 | .0015019 | .0010811 | 1.519847 |
| #2 | .0000221 | -.000004 | 29.20970 | .0061706 | .0017381 | .0009794 | 1.521037 |
| #3 | .0000400 | -.000032 | 29.13386 | .0060748 | .0015439 | .0007204 | 1.523864 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0936829 | 1.789707 | .0029320 | .0002624 | 25.82947 | .0208040 | .0053365 |
| Stddev | .0002220 | .007917  | .0002256 | .0002220 | .06456   | .0004918 | .0000666 |
| %RSD   | .2369681 | .4423878 | 7.693576 | 84.63441 | .2499306 | 2.363755 | 1.247621 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0939356 | 1.782255 | .0030442 | .0000362 | 25.75592 | .0211834 | .0054120 |
| #2 | .0935937 | 1.788845 | .0030795 | .0002708 | 25.85573 | .0202485 | .0053109 |
| #3 | .0935193 | 1.798020 | .0026723 | .0004800 | 25.87675 | .0209802 | .0052865 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.345290 | .0069010 | .0269168 | -.001742 | .0426094 | 8.048492 | .0204384 |
| Stddev | .032113  | .0004263 | .0003104 | .000451  | .0005032 | .008921  | .0031288 |
| %RSD   | .9599325 | 6.177383 | 1.153352 | 25.91391 | 1.180964 | .1108426 | 15.30846 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.310129 | .0073817 | .0272478 | -.002255 | .0424599 | 8.049238 | .0206258 |
| #2 | 3.373069 | .0065689 | .0266320 | -.001565 | .0421979 | 8.057016 | .0172201 |
| #3 | 3.352671 | .0067524 | .0268707 | -.001405 | .0431704 | 8.039221 | .0234693 |

Sample Name: Q1478-07LX5      Acquired: 3/12/2025 17:56:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | 8.232184 | -.002869 | .1014471 |
| Stddev | .009895  | .000911  | .0002407 |
| %RSD   | .1202033 | 31.76394 | .2372596 |
| #1     | 8.239809 | -.003296 | .1012746 |
| #2     | 8.235741 | -.003488 | .1017221 |
| #3     | 8.221002 | -.001822 | .1013446 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3325.407 | 74746.65 | 14865.93 | 2164.438 | 4662.595 |
| Stddev    | 7.707    | 26.59    | 18.37    | 5.758    | 9.782    |
| %RSD      | .2317612 | .0355674 | .1235697 | .2660452 | .2098059 |
| #1        | 3316.524 | 74776.99 | 14886.49 | 2170.397 | 4652.979 |
| #2        | 3330.319 | 74727.42 | 14851.13 | 2164.014 | 4662.270 |
| #3        | 3329.377 | 74735.54 | 14860.16 | 2158.904 | 4672.536 |

Sample Name: Q1478-07MS      Acquired: 3/12/2025 18:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8293938 | 1.854866 | .9215305 | 1.897958 | .7961082 | 6.180856 |
| Stddev | .0065502 | .010997  | .0045098 | .021202  | .0072126 | .024974  |
| %RSD   | .7897513 | .5928945 | .4893831 | 1.117090 | .9059828 | .4040508 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8243256 | 1.846389 | .9163432 | 1.876500 | .7880218 | 6.152242 |
| #2 | .8270659 | 1.850917 | .9237276 | 1.898480 | .7984256 | 6.192061 |
| #3 | .8367900 | 1.867293 | .9245207 | 1.918895 | .8018774 | 6.198265 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4041097 | .1783909 | .1890758 | 144.3514 | .4498779 | .1998719 |
| Stddev | .0014216 | .0009109 | .0012369 | .5142    | .0006415 | .0010135 |
| %RSD   | .3517797 | .5106101 | .6541741 | .3562005 | .1425933 | .5070624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4025088 | .1776125 | .1876798 | 143.8301 | .4491976 | .1987276 |
| #2 | .4052245 | .1781676 | .1895124 | 144.3659 | .4504718 | .2002318 |
| #3 | .4045957 | .1793927 | .1900351 | 144.8582 | .4499644 | .2006563 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2984724 | 10.86331 | .6238060 | 10.43293 | .4904689 | .0265761 |
| Stddev | .0011813 | .04593   | .0015264 | .02617   | .0029450 | .0002320 |
| %RSD   | .3957650 | .4227741 | .2446830 | .2507956 | .6004491 | .8729962 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2971333 | 10.82284 | .6220913 | 10.40771 | .4871237 | .0266602 |
| #2 | .2989174 | 10.85388 | .6243106 | 10.43114 | .4916121 | .0263138 |
| #3 | .2993665 | 10.91323 | .6250163 | 10.45995 | .4926709 | .0267543 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 141.7380 | .3813436 | .2328832 | 29.25886 | .2865256 | .5561798 |
| Stddev | .6720    | .0028200 | .0008345 | .06541   | .0013660 | .0034252 |
| %RSD   | .4741048 | .7394842 | .3583322 | .2235441 | .4767429 | .6158448 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 141.6740 | .3784170 | .2319227 | 29.29068 | .2857378 | .5524033 |
| #2 | 141.1002 | .3815706 | .2332964 | 29.30227 | .2857361 | .5570502 |
| #3 | 142.4396 | .3840433 | .2334304 | 29.18363 | .2881029 | .5590858 |



Sample Name: Q1478-07MS      Acquired: 3/12/2025 18:00:56      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6663879 | .3822791 | F 43.96503 | 5.878565 | F 41.42712 | .1743833 |
| Stddev | .0038606 | .0014221 | .09121     | .027550  | .22640     | .0002438 |
| %RSD   | .5793313 | .3720099 | .2074678   | .4686487 | .5464988   | .1398182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6619789 | .3807519 | 44.00493 | 5.849632 | 41.19403 | .1741328 |
| #2 | .6680227 | .3825199 | 44.02949 | 5.881581 | 41.44118 | .1746199 |
| #3 | .6691621 | .3835654 | 43.86066 | 5.904483 | 41.64617 | .1743971 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .6929802 |
| Stddev | .0030581 |
| %RSD   | .4413017 |

|    |          |
|----|----------|
| #1 | .6894538 |
| #2 | .6945826 |
| #3 | .6949042 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3099.483 | 69660.30 | 14983.52 | 1999.290 | 4188.237 |
| Stddev    | 22.331   | 160.06   | 32.04    | 2.606    | 27.460   |
| %RSD      | .7204807 | .2297664 | .2138546 | .1303308 | .6556522 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3124.266 | 69485.98 | 15016.11 | 1996.289 | 4219.326 |
| #2 | 3093.261 | 69694.29 | 14982.40 | 2000.985 | 4178.091 |
| #3 | 3080.923 | 69800.63 | 14952.06 | 2000.595 | 4167.293 |

Sample Name: Q1478-07MSD      Acquired: 3/12/2025 18:05:05      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8448668 | 1.892550 | .9336789 | 1.935151 | .8069028 | 6.270687 |
| Stddev | .0025322 | .002457  | .0030755 | .009184  | .0057579 | .024754  |
| %RSD   | .2997147 | .1298355 | .3293996 | .4745867 | .7135805 | .3947653 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8450103 | 1.891254 | .9301347 | 1.928154 | .8037905 | 6.299251 |
| #2 | .8422659 | 1.891012 | .9352566 | 1.931748 | .8033707 | 6.255489 |
| #3 | .8473242 | 1.895384 | .9356454 | 1.945551 | .8135470 | 6.257320 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3871476 | .1910450 | .1919522 | 143.7568 | .4583060 | .2019939 |
| Stddev | .0014294 | .0018334 | .0004300 | .4762    | .0011461 | .0007758 |
| %RSD   | .3692195 | .9596887 | .2240311 | .3312765 | .2500648 | .3840704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3879095 | .1931458 | .1914703 | 144.3048 | .4576944 | .2017120 |
| #2 | .3854987 | .1902219 | .1920894 | 143.4427 | .4575953 | .2013985 |
| #3 | .3880347 | .1897675 | .1922968 | 143.5231 | .4596281 | .2028712 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3024065 | 10.23664 | .6237565 | 10.55212 | .4962916 | .0262457 |
| Stddev | .0010874 | .06076   | .0014365 | .08707   | .0017488 | .0001320 |
| %RSD   | .3595752 | .5935312 | .2302990 | .8251740 | .3523758 | .5030259 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3013506 | 10.17790 | .6253921 | 10.65222 | .4942772 | .0263832 |
| #2 | .3023460 | 10.23280 | .6226995 | 10.51021 | .4974206 | .0261199 |
| #3 | .3035228 | 10.29923 | .6231780 | 10.49393 | .4971771 | .0262340 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 137.2828 | .3831100 | .2345066 | 27.00138 | .3039906 | .5617487 |
| Stddev | 1.2907   | .0031983 | .0016923 | .16634   | .0021627 | .0023507 |
| %RSD   | .9401706 | .8348313 | .7216323 | .6160563 | .7114479 | .4184580 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 137.8778 | .3866309 | .2359881 | 26.82534 | .3057494 | .5597715 |
| #2 | 135.8019 | .3823149 | .2348693 | 27.02285 | .3046466 | .5611267 |
| #3 | 138.1686 | .3803843 | .2326624 | 27.15594 | .3015758 | .5643478 |

Sample Name: Q1478-07MSD      Acquired: 3/12/2025 18:05:05      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6788452 | .3783114 | F 41.69319 | 5.954220 | F 42.08252 | .1714242 |
| Stddev | .0009572 | .0013078 | .13794     | .010933  | .07776     | .0012616 |
| %RSD   | .1410014 | .3456980 | .3308406   | .1836243 | .1847712   | .7359343 |
| #1     | .6780839 | .3795087 | 41.54080   | 5.942773 | 42.06482   | .1703697 |
| #2     | .6785319 | .3785098 | 41.72925   | 5.955332 | 42.01513   | .1710811 |
| #3     | .6799197 | .3769157 | 41.80951   | 5.964554 | 42.16760   | .1728218 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .6769045 |
| Stddev | .0015661 |
| %RSD   | .2313631 |
| #1     | .6782005 |
| #2     | .6751643 |
| #3     | .6773488 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3057.250 | 68923.94 | 13861.72 | 1961.039 | 4132.484 |
| Stddev    | 6.030    | 80.95    | 101.78   | 5.427    | 4.559    |
| %RSD      | .1972367 | .1174416 | .7342868 | .2767494 | .1103279 |
| #1        | 3060.666 | 68989.47 | 13744.22 | 1959.486 | 4136.458 |
| #2        | 3060.798 | 68948.91 | 13918.13 | 1956.558 | 4133.487 |
| #3        | 3050.288 | 68833.46 | 13922.81 | 1967.074 | 4127.506 |

Sample Name: Q1478-07A      Acquired: 3/12/2025 18:09:13      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .8505415 | 1.866291 | .9369753 | 1.950925 | .8117179 | 6.275777 |
| Stddev | .0054238 | .013034  | .0027743 | .003440  | .0008189 | .021358  |
| %RSD   | .6376829 | .6983953 | .2960930 | .1763241 | .1008799 | .3403233 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8478790 | 1.879358 | .9344511 | 1.949371 | .8112580 | 6.299277 |
| #2 | .8469636 | 1.853290 | .9399456 | 1.954867 | .8112324 | 6.270506 |
| #3 | .8567820 | 1.866224 | .9365292 | 1.948536 | .8126633 | 6.257549 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4091847 | .1824814 | .1923477 | 148.1408 | .4548568 | .2033506 |
| Stddev | .0010236 | .0008290 | .0003941 | .4594    | .0005228 | .0006046 |
| %RSD   | .2501618 | .4542933 | .2049075 | .3101311 | .1149343 | .2972947 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4103654 | .1830490 | .1926453 | 148.6466 | .4551418 | .2037917 |
| #2 | .4086422 | .1828651 | .1924972 | 148.0262 | .4542534 | .2026615 |
| #3 | .4085464 | .1815301 | .1919007 | 147.7495 | .4551752 | .2035988 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3027913 | 11.01638 | .6437430 | 10.72186 | .4985557 | .0268263 |
| Stddev | .0003563 | .01305   | .0030334 | .00611   | .0008300 | .0001956 |
| %RSD   | .1176663 | .1184210 | .4712077 | .0570288 | .1664722 | .7290361 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3025104 | 11.02577 | .6470417 | 10.71802 | .4991667 | .0270450 |
| #2 | .3026715 | 11.02189 | .6431134 | 10.71866 | .4976108 | .0267660 |
| #3 | .3031921 | 11.00149 | .6410738 | 10.72891 | .4988895 | .0266681 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 145.4865 | .3884143 | .2366642 | 29.44428 | .2946790 | .5661074 |
| Stddev | 1.5893   | .0010930 | .0010185 | .10859   | .0019422 | .0011520 |
| %RSD   | 1.092390 | .2814127 | .4303342 | .3687905 | .6590972 | .2034959 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 146.2458 | .3882944 | .2372721 | 29.56136 | .2938831 | .5660715 |
| #2 | 146.5537 | .3873861 | .2372322 | 29.34688 | .2968928 | .5649738 |
| #3 | 143.6600 | .3895623 | .2354884 | 29.42460 | .2932612 | .5672769 |

Sample Name: Q1478-07A      Acquired: 3/12/2025 18:09:13      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .6796953 | .3886719 | F 44.58541 | 5.934827 | F 43.08722 | .1736129 |
| Stddev | .0025340 | .0015615 | .10556     | .002411  | .06747     | .0012814 |
| %RSD   | .3728195 | .4017546 | .2367550   | .0406219 | .1565976   | .7380546 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6795963 | .3902687 | 44.66373 | 5.936102 | 43.15024 | .1750884 |
| #2 | .6822774 | .3885988 | 44.46537 | 5.936333 | 43.01604 | .1727799 |
| #3 | .6772123 | .3871482 | 44.62713 | 5.932047 | 43.09539 | .1729703 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .7050348 |
| Stddev | .0032273 |
| %RSD   | .4577575 |

|    |          |
|----|----------|
| #1 | .7085520 |
| #2 | .7043427 |
| #3 | .7022096 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3073.655 | 69070.93 | 14698.66 | 1972.702 | 4145.990 |
| Stddev    | 6.104    | 100.40   | 60.17    | 7.018    | 4.471    |
| %RSD      | .1985885 | .1453632 | .4093524 | .3557775 | .1078275 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3072.920 | 68955.93 | 14645.22 | 1965.024 | 4144.255 |
| #2 | 3080.093 | 69141.20 | 14686.93 | 1978.787 | 4151.069 |
| #3 | 3067.952 | 69115.65 | 14763.83 | 1974.295 | 4142.648 |

Sample Name: Q1478-01      Acquired: 3/12/2025 18:13:20      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -0.001155 | -0.005836 | -0.000313 | -0.005872 | -0.000405 | 1.046506 |
| Stddev | .000765   | .000293   | .000681   | .004127   | .000573   | .005264  |
| %RSD   | 66.24875  | 5.019409  | 217.4740  | 70.27662  | 141.5826  | .5030340 |

|    |           |           |           |           |           |          |
|----|-----------|-----------|-----------|-----------|-----------|----------|
| #1 | -0.001628 | -0.005641 | -0.001097 | -0.001182 | -0.000390 | 1.049666 |
| #2 | -0.000272 | -0.006173 | .000033   | -0.008948 | -0.000985 | 1.049423 |
| #3 | -0.001565 | -0.005695 | .000125   | -0.007486 | .000161   | 1.040429 |

|        |          |           |           |          |          |          |
|--------|----------|-----------|-----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348    | Cd2265    | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm       | ppm       | ppm      | ppm      | ppm      |
| Avg    | .5611396 | -0.000009 | -0.000264 | 88.86820 | .0083438 | .0204004 |
| Stddev | .0010919 | .000044   | .000074   | .25887   | .0001001 | .0001625 |
| %RSD   | .1945941 | 466.8877  | 28.10807  | .2912997 | 1.199841 | .7966840 |

|    |          |           |           |          |          |          |
|----|----------|-----------|-----------|----------|----------|----------|
| #1 | .5610951 | -0.000028 | -0.000201 | 88.76358 | .0084333 | .0205752 |
| #2 | .5622531 | -0.000041 | -0.000346 | 89.16301 | .0083625 | .0203719 |
| #3 | .5600706 | .000041   | -0.000245 | 88.67801 | .0082357 | .0202539 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020435 | 5.029868 | 1.180547 | 19.41223 | .0216432 | .0005401 |
| Stddev | .0000420 | .016610  | .006492  | .06441   | .0001308 | .0000930 |
| %RSD   | 2.056825 | .3302340 | .5499079 | .3317968 | .6042803 | 17.21713 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0019988 | 5.030780 | 1.176648 | 19.37116 | .0216489 | .0006438 |
| #2 | .0020823 | 5.012820 | 1.188041 | 19.48647 | .0215096 | .0005125 |
| #3 | .0020495 | 5.046003 | 1.176952 | 19.37907 | .0217710 | .0004640 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.6565 | .0274450 | .0334254 | 18.29771 | .0275052 | .0528735 |
| Stddev | 1.3451   | .0002627 | .0005699 | .06685   | .0004009 | .0002456 |
| %RSD   | .8869423 | .9571154 | 1.704882 | .3653259 | 1.457631 | .4645399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 152.9870 | .0277379 | .0340779 | 18.32242 | .0271739 | .0530900 |
| #2 | 150.2973 | .0273666 | .0331732 | 18.22202 | .0273908 | .0526066 |
| #3 | 151.6853 | .0272304 | .0330252 | 18.34868 | .0279509 | .0529239 |

Sample Name: Q1478-01      Acquired: 3/12/2025 18:13:20      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.002253 | .0417331 | F 18.11317 | .0601844 | F 26.32740 | -.001255 |
| Stddev | .000526  | .0005208 | .06524     | .0068696 | .04960     | .000926  |
| %RSD   | 23.33241 | 1.248002 | .3601944   | 11.41425 | .1883799   | 73.76138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.002792 | .0420002 | 18.12217 | .0678394 | 26.36910 | -.001156 |
| #2 | -.002224 | .0420663 | 18.04390 | .0581575 | 26.34055 | -.002226 |
| #3 | -.001742 | .0411330 | 18.17345 | .0545563 | 26.27256 | -.000383 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .6356049 |
| Stddev | .0022498 |
| %RSD   | .3539592 |

|    |          |
|----|----------|
| #1 | .6358722 |
| #2 | .6377092 |
| #3 | .6332335 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3166.930 | 69761.48 | 14714.07 | 2026.544 | 4295.971 |
| Stddev    | 11.552   | 359.78   | 33.36    | .819     | 14.697   |
| %RSD      | .3647777 | .5157271 | .2267282 | .0403917 | .3421116 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3153.770 | 69619.44 | 14692.12 | 2025.844 | 4279.471 |
| #2 | 3175.396 | 70170.60 | 14697.62 | 2027.444 | 4307.657 |
| #3 | 3171.625 | 69494.41 | 14752.46 | 2026.343 | 4300.786 |

Sample Name: CCV08      Acquired: 3/12/2025 18:23:18      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.239061 | 5.154259 | 5.057576 | 5.014197 | 5.082330 | 9.932642 | 9.125380 |
| Stddev | .019757  | .036285  | .005176  | .012033  | .019162  | .026307  | .050874  |
| %RSD   | .3771183 | .7039808 | .1023455 | .2399690 | .3770373 | .2648535 | .5575006 |
| #1     | 5.222610 | 5.116936 | 5.052826 | 5.004521 | 5.067991 | 9.918874 | 9.167378 |
| #2     | 5.233599 | 5.156431 | 5.063093 | 5.010399 | 5.074905 | 9.916076 | 9.068810 |
| #3     | 5.260975 | 5.189409 | 5.056811 | 5.027670 | 5.104093 | 9.962975 | 9.139953 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2460623 | 2.486138 | 23.62190 | 1.068051 | 2.470241 | 1.268465 | 4.814449 |
| Stddev | .0015108 | .004054  | .05225   | .001745  | .003703  | .004395  | .022834  |
| %RSD   | .6139917 | .1630614 | .2211746 | .1633985 | .1499078 | .3464681 | .4742725 |
| #1     | .2477709 | 2.482215 | 23.67919 | 1.066097 | 2.467333 | 1.264925 | 4.794962 |
| #2     | .2455133 | 2.485889 | 23.57688 | 1.069456 | 2.468981 | 1.267086 | 4.808811 |
| #3     | .2449028 | 2.490311 | 23.60964 | 1.068600 | 2.474410 | 1.273384 | 4.839573 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.274509 | 24.28213 | 2.468310 | 1.279181 | 25.57773 | 2.417780 | 2.583611 |
| Stddev | .001470  | .10785   | .005844  | .003017  | .22798   | .004390  | .011638  |
| %RSD   | .0646306 | .4441679 | .2367696 | .2358476 | .8913407 | .1815705 | .4504433 |
| #1     | 2.275517 | 24.40048 | 2.461678 | 1.282651 | 25.33504 | 2.412920 | 2.593983 |
| #2     | 2.272822 | 24.18939 | 2.470547 | 1.277183 | 25.61076 | 2.418961 | 2.571025 |
| #3     | 2.275189 | 24.25650 | 2.472706 | 1.277708 | 25.78741 | 2.421459 | 2.585824 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.16098 | 4.826301 | 5.120673 | 4.999442 | 4.667627 | 5.423079 | 4.887245 |
| Stddev | .15836   | .027400  | .018449  | .003515  | .002630  | .042321  | .014743  |
| %RSD   | .6554352 | .5677323 | .3602802 | .0703064 | .0563432 | .7803943 | .3016663 |
| #1     | 23.98174 | 4.857936 | 5.105310 | 4.997811 | 4.665552 | 5.374370 | 4.874784 |
| #2     | 24.21924 | 4.810019 | 5.115573 | 5.003476 | 4.666744 | 5.444007 | 4.883432 |
| #3     | 24.28195 | 4.810948 | 5.141135 | 4.997038 | 4.670585 | 5.450858 | 4.903521 |



Sample Name: CCV08      Acquired: 3/12/2025 18:23:18      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.807993 | 4.554858 | 4.647960 |
| Stddev | .017818  | .011079  | .025608  |
| %RSD   | .3705841 | .2432434 | .5509505 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.788417 | 4.542094 | 4.651300 |
| #2 | 4.812298 | 4.560484 | 4.671735 |
| #3 | 4.823263 | 4.561995 | 4.620847 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3252.636 | 70947.59 | 14014.66 | 2050.703 | 4385.651 |
| Stddev    | 6.573    | 52.28    | 51.32    | 6.877    | 6.994    |
| %RSD      | .2020672 | .0736827 | .3661743 | .3353679 | .1594734 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3259.843 | 70975.74 | 13955.56 | 2046.341 | 4393.193 |
| #2 | 3251.094 | 70979.76 | 14040.52 | 2058.631 | 4379.380 |
| #3 | 3246.973 | 70887.27 | 14047.91 | 2047.137 | 4384.381 |

Sample Name: CCB08      Acquired: 3/12/2025 18:27:30      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028828 | -.001106 | -.001045 | -.006579 | .0001406 | .0062618 | -.006644 |
| Stddev | .0016437 | .002210  | .001040  | .002306  | .0004231 | .0019985 | .000116  |
| %RSD   | 57.01667 | 199.7139 | 99.50565 | 35.04871 | 300.9707 | 31.91510 | 1.750938 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0047707 | .001296  | -.002121 | -.005162 | -.000116 | .0080714 | -.006511 |
| #2 | .0021080 | -.001562 | -.000046 | -.009240 | -.000092 | .0041169 | -.006701 |
| #3 | .0017698 | -.003052 | -.000967 | -.005336 | .000629  | .0065971 | -.006722 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000447 | .0000360 | -.000868 | -.000040 | .0001289 | .0002135 | -.003685 |
| Stddev | .0000255 | .0000146 | .004330  | .000023  | .0001035 | .0000771 | .003655  |
| %RSD   | 57.05682 | 40.54189 | 499.0501 | 57.73847 | 80.23704 | 36.13156 | 99.18458 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000153 | .0000523 | .002480  | -.000036 | .0001914 | .0001442 | -.003493 |
| #2 | .0000579 | .0000317 | .000674  | -.000065 | .0001859 | .0001997 | -.007431 |
| #3 | .0000608 | .0000241 | -.005757 | -.000019 | .0000095 | .0002966 | -.000129 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000550 | .0004349 | -.000300 | .0009802 | .0494872 | .0003878 | -.000176 |
| Stddev | .000273  | .0186387 | .000010  | .0002167 | .0143882 | .0005108 | .000304  |
| %RSD   | 49.65227 | 4285.693 | 3.405965 | 22.10760 | 29.07459 | 131.7111 | 173.2670 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000864 | -.020950 | -.000295 | .0007804 | .0366545 | .0007400 | -.000008 |
| #2 | -.000413 | .009028  | -.000294 | .0012106 | .0467651 | -.000198 | .000008  |
| #3 | -.000372 | .013227  | -.000312 | .0009497 | .0650421 | .000622  | -.000527 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.002761 | .0021696 | .0001631 | -.000453 | .0020583 | -.045506 | -.002047 |
| Stddev | .022310  | .0006986 | .0001714 | .000510  | .0005916 | .007300  | .000922  |
| %RSD   | 808.1006 | 32.19774 | 105.0762 | 112.5518 | 28.74117 | 16.04186 | 45.03153 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.021865 | .0015326 | .0003198 | -.000991 | .0013794 | -.049902 | -.002681 |
| #2 | -.008176 | .0020595 | -.000020 | -.000390 | .0023323 | -.049536 | -.000990 |
| #3 | .021759  | .0029167 | .000190  | .000022  | .0024632 | -.037079 | -.002470 |

Sample Name: CCB08      Acquired: 3/12/2025 18:27:30      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

| Elem   | S_1820   | Li6707   | Sr4077   |
|--------|----------|----------|----------|
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0033197 | -.003644 | .0000354 |
| Stddev | .0037279 | .000402  | .0000101 |
| %RSD   | 112.2961 | 11.01913 | 28.48961 |
| #1     | -.000870 | -.003465 | .0000271 |
| #2     | .004558  | -.003363 | .0000466 |
| #3     | .006271  | -.004104 | .0000325 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3374.979 | 75040.42 | 14687.98 | 2155.184 | 4925.436 |
| Stddev    | 2.778    | 146.88   | 19.51    | 8.115    | 6.373    |
| %RSD      | .0823061 | .1957390 | .1328080 | .3765220 | .1293941 |
| #1        | 3376.720 | 75206.38 | 14665.50 | 2163.912 | 4930.899 |
| #2        | 3376.441 | 74927.17 | 14700.37 | 2147.868 | 4926.975 |
| #3        | 3371.775 | 74987.70 | 14698.08 | 2153.772 | 4918.434 |

Sample Name: Q1478-03      Acquired: 3/12/2025 18:31:51      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.000855 | -.003775 | .0023890 | .0019947 | .0011746 | 3.259086 |
| Stddev | .001663  | .003416  | .0011377 | .0024370 | .0012735 | .009080  |
| %RSD   | 194.4756 | 90.48729 | 47.62259 | 122.1726 | 108.4156 | .2785924 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000159  | -.007580 | .0017945 | .0028029 | -.000043 | 3.252918 |
| #2 | .000050  | -.002774 | .0016717 | -.000744 | .002498  | 3.254828 |
| #3 | -.002774 | -.000972 | .0037008 | .003925  | .001069  | 3.269512 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5892954 | .0002382 | -.000292 | 379.4585 | .0417418 | .0187114 |
| Stddev | .0017549 | .0000472 | .000046  | 2.5469   | .0007629 | .0002825 |
| %RSD   | .2977911 | 19.80590 | 15.86727 | .6711812 | 1.827538 | 1.509923 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5877164 | .0002884 | -.000259 | 380.6701 | .0413400 | .0186425 |
| #2 | .5889851 | .0002317 | -.000345 | 376.5321 | .0426216 | .0190219 |
| #3 | .5911847 | .0001947 | -.000272 | 381.1734 | .0412639 | .0184696 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0057029 | 7.628803 | .8885585 | 13.47149 | .0317653 | .0004898 |
| Stddev | .0005447 | .054008  | .0031280 | .02476   | .0001516 | .0002238 |
| %RSD   | 9.551827 | .7079547 | .3520284 | .1838148 | .4770976 | 45.69965 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0051029 | 7.570642 | .8886090 | 13.47964 | .0319154 | .0003774 |
| #2 | .0061664 | 7.638392 | .8854056 | 13.44369 | .0316123 | .0003444 |
| #3 | .0058393 | 7.677374 | .8916609 | 13.49116 | .0317681 | .0007476 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 172.1198 | .0083067 | .1793298 | 75.48020 | .0152842 | .6768496 |
| Stddev | .5842    | .0009778 | .0018016 | .62255   | .0008812 | .0014884 |
| %RSD   | .3394382 | 11.77153 | 1.004640 | .8247811 | 5.765585 | .2198991 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 171.4683 | .0080363 | .1813012 | 74.76566 | .0162994 | .6775364 |
| #2 | 172.5973 | .0074925 | .1789196 | 75.76937 | .0147169 | .6751419 |
| #3 | 172.2937 | .0093913 | .1777687 | 75.90558 | .0148361 | .6778706 |

Sample Name: Q1478-03      Acquired: 3/12/2025 18:31:51      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.003340 | .1418083 | F 28.57917 | .1824397 | F 152.8318 | -.039990 |
| Stddev | .000563  | .0009662 | .13503     | .0040472 | .6077      | .000883  |
| %RSD   | 16.86865 | .6813650 | .4724659   | 2.218388 | .3976121   | 2.207601 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003459 | .1407880 | 28.42429 | .1869461 | 153.5232 | -.040992 |
| #2 | -.002727 | .1427094 | 28.67212 | .1791146 | 152.3826 | -.039326 |
| #3 | -.003835 | .1419273 | 28.64111 | .1812583 | 152.5895 | -.039652 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.491034 |
| Stddev | .010820  |
| %RSD   | .7256475 |

|    |          |
|----|----------|
| #1 | 1.478547 |
| #2 | 1.497613 |
| #3 | 1.496943 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2959.373 | 67754.30 | 14700.62 | 1890.023 | 3981.791 |
| Stddev    | 1.262    | 169.47   | 53.37    | .287     | 9.245    |
| %RSD      | .0426569 | .2501176 | .3630780 | .0152049 | .2321789 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2958.425 | 67925.96 | 14640.37 | 1890.251 | 3971.188 |
| #2 | 2960.806 | 67587.12 | 14719.51 | 1889.700 | 3986.021 |
| #3 | 2958.887 | 67749.81 | 14741.98 | 1890.118 | 3988.164 |

Sample Name: Q1478-05      Acquired: 3/12/2025 18:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .0011359 | -.004921 | -.000384 | -.011085 | -.001525 | 3.195269 |
| Stddev | .0013464 | .000789  | .000661  | .001879  | .001228  | .008757  |
| %RSD   | 118.5271 | 16.02213 | 171.8672 | 16.95238 | 80.54043 | .2740594 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000336 | -.005065 | -.001135 | -.013254 | -.000703 | 3.191104 |
| #2 | .002306  | -.004071 | .000110  | -.010052 | -.000935 | 3.205331 |
| #3 | .001438  | -.005628 | -.000129 | -.009948 | -.002937 | 3.189372 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4435891 | .0001141 | -.000323 | 44.88011 | .0153037 | .0172718 |
| Stddev | .0026361 | .0000126 | .000052  | .18978   | .0000253 | .0002523 |
| %RSD   | .5942663 | 11.01928 | 16.16603 | .4228558 | .1650986 | 1.461043 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4465649 | .0001239 | -.000359 | 44.95210 | .0153299 | .0174990 |
| #2 | .4415466 | .0000999 | -.000263 | 44.66487 | .0152795 | .0170002 |
| #3 | .4426557 | .0001184 | -.000348 | 45.02335 | .0153016 | .0173161 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084044 | 8.190877 | 1.182630 | 19.68283 | .0214374 | .0002505 |
| Stddev | .0003547 | .082227  | .005735  | .07210   | .0002847 | .0001066 |
| %RSD   | 4.220628 | 1.003882 | .4849701 | .3662924 | 1.328159 | 42.53611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081557 | 8.285024 | 1.188238 | 19.72703 | .0213048 | .0003564 |
| #2 | .0082468 | 8.133150 | 1.176775 | 19.59963 | .0212432 | .0002519 |
| #3 | .0088106 | 8.154457 | 1.182878 | 19.72181 | .0217642 | .0001433 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 83.12884 | .0139597 | .0640280 | 16.37600 | .0187945 | .0036526 |
| Stddev | .38115   | .0009833 | .0003684 | .10185   | .0002193 | .0002247 |
| %RSD   | .4585109 | 7.043966 | .5754415 | .6219586 | 1.166907 | 6.151957 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 83.38302 | .0135608 | .0637676 | 16.48634 | .0190475 | .0036853 |
| #2 | 83.31292 | .0132385 | .0638667 | 16.28558 | .0186579 | .0034133 |
| #3 | 82.69059 | .0150798 | .0644495 | 16.35607 | .0186782 | .0038592 |

Sample Name: Q1478-05      Acquired: 3/12/2025 18:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.002443 | .2004282 | F 35.47318 | .1208386 | F 11.77105 | .0174565 |
| Stddev | .001182  | .0016693 | .16281     | .0008663 | .03402     | .0009730 |
| %RSD   | 48.37731 | .8328726 | .4589569   | .7169350 | .2889905   | 5.573607 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.003724 | .2013728 | 35.64633 | .1214764 | 11.74331 | .0185741 |
| #2 | -.001395 | .1985008 | 35.45001 | .1198523 | 11.76083 | .0169976 |
| #3 | -.002209 | .2014109 | 35.32320 | .1211873 | 11.80900 | .0167979 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4393736 |
| Stddev | .0023129 |
| %RSD   | .5264137 |

|    |          |
|----|----------|
| #1 | .4417210 |
| #2 | .4370968 |
| #3 | .4393031 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3239.343 | 71964.71 | 14548.10 | 2072.992 | 4464.791 |
| Stddev    | 4.403    | 209.82   | 21.32    | 3.589    | 6.892    |
| %RSD      | .1359118 | .2915537 | .1465743 | .1731308 | .1543585 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3238.612 | 71887.36 | 14565.92 | 2077.127 | 4469.100 |
| #2 | 3244.065 | 71804.55 | 14553.90 | 2070.682 | 4468.431 |
| #3 | 3235.351 | 72202.22 | 14524.47 | 2071.167 | 4456.842 |

Sample Name: Q1477-01      Acquired: 3/12/2025 18:40:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.000761 | -.004616 | .0020107 | -.008940 | .0005395 | .0313499 | -.004207 |
| Stddev | .003467  | .000963  | .0002344 | .001393  | .0012855 | .0061790 | .000878  |
| %RSD   | 455.3477 | 20.86318 | 11.65927 | 15.58445 | 238.2868 | 19.70969 | 20.87035 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .001996  | -.003524 | .0021970 | -.008505 | -.000563 | .0358297 | -.005153 |
| #2 | -.004653 | -.004979 | .0020877 | -.007816 | .000230  | .0243008 | -.004049 |
| #3 | .000374  | -.005344 | .0017475 | -.010499 | .001951  | .0339192 | -.003418 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000098 | .0000059 | 4.296009 | .0000551 | .0075717 | .0083564 | .4956831 |
| Stddev | .000039  | .0000751 | .014318  | .0003698 | .0001588 | .0003292 | .0013167 |
| %RSD   | 39.74737 | 1276.909 | .3332880 | 670.7907 | 2.097242 | 3.939655 | .2656342 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000068 | -.000018 | 4.279490 | -.000144 | .0076889 | .0079830 | .4960975 |
| #2 | -.000083 | .000090  | 4.304850 | -.000172 | .0073910 | .0086049 | .4967428 |
| #3 | -.000142 | -.000054 | 4.303687 | .000482  | .0076353 | .0084812 | .4942091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1279567 | 2.089471 | .0095149 | .0004284 | 13.49506 | .0003670 | .0189431 |
| Stddev | .0011178 | .005225  | .0002412 | .0002712 | .08926   | .0007757 | .0003861 |
| %RSD   | .8735891 | .2500840 | 2.535418 | 63.31121 | .6614357 | 211.3477 | 2.038049 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1266660 | 2.090348 | .0092386 | .0007373 | 13.39278 | .0010087 | .0193607 |
| #2 | .1286084 | 2.094202 | .0096837 | .0003182 | 13.55726 | -.000495 | .0185992 |
| #3 | .1285958 | 2.083862 | .0096223 | .0002296 | 13.53513 | .000587  | .0188694 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8402467 | .0018366 | .0003062 | -.000258 | .0016035 | 5.656805 | .0035523 |
| Stddev | .0202610 | .0001920 | .0002031 | .000727  | .0001280 | .031941  | .0012780 |
| %RSD   | 2.411311 | 10.45269 | 66.30756 | 282.0022 | 7.984029 | .5646438 | 35.97626 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8473686 | .0016355 | .0001874 | -.000270 | .0016298 | 5.621214 | .0021426 |
| #2 | .8559851 | .0018564 | .0005407 | .000475  | .0014644 | 5.682978 | .0046349 |
| #3 | .8173864 | .0020179 | .0001906 | -.000978 | .0017164 | 5.666223 | .0038795 |



Sample Name: Q1477-01      Acquired: 3/12/2025 18:40:41      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .9674444 | -.006840 | .0272111 |
| Stddev | .0035177 | .000176  | .0001880 |
| %RSD   | .3636044 | 2.568081 | .6907555 |
| #1     | .9644694 | -.006829 | .0270088 |
| #2     | .9713269 | -.007022 | .0272439 |
| #3     | .9665369 | -.006671 | .0273804 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3422.466 | 76132.55 | 14668.72 | 2189.522 | 4987.186 |
| Stddev    | 4.783    | 142.47   | 13.41    | 9.802    | 8.841    |
| %RSD      | .1397584 | .1871395 | .0914489 | .4476939 | .1772786 |
| #1        | 3416.945 | 76277.69 | 14669.94 | 2192.730 | 4976.979 |
| #2        | 3425.116 | 76127.07 | 14681.48 | 2197.319 | 4992.458 |
| #3        | 3425.338 | 75992.90 | 14654.74 | 2178.518 | 4992.121 |

Sample Name: Q1477-04      Acquired: 3/12/2025 18:44:59      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | -.002521 | -.004016 | -.000523 | -.006381 | -.000835 | .0270457 | -.004503 |
| Stddev | .001476  | .000890  | .000216  | .001530  | .001426  | .0046860 | .000377  |
| %RSD   | 58.55181 | 22.17108 | 41.25663 | 23.97684 | 170.8310 | 17.32623 | 8.377924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001315 | -.005001 | -.000313 | -.007032 | -.001174 | .0221443 | -.004410 |
| #2 | -.004167 | -.003778 | -.000512 | -.007478 | -.002061 | .0275113 | -.004918 |
| #3 | -.002081 | -.003269 | -.000744 | -.004633 | .000730  | .0314815 | -.004180 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000062 | -.000013 | 4.366599 | -.000006 | .0081952 | .0021219 | .0643949 |
| Stddev | .000016  | .000041  | .020941  | .000054  | .0000277 | .0002198 | .0020389 |
| %RSD   | 26.18010 | 318.5332 | .4795730 | 866.9171 | .3381451 | 10.35761 | 3.166239 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000076 | -.000009 | 4.388854 | -.000034 | .0081675 | .0021133 | .0621487 |
| #2 | -.000044 | -.000056 | 4.363662 | .000056  | .0082229 | .0023459 | .0649070 |
| #3 | -.000066 | .000026  | 4.347282 | -.000040 | .0081952 | .0019066 | .0661289 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0138515 | 2.125924 | .0098043 | .0005199 | 12.83595 | .0009972 | .0136836 |
| Stddev | .0001728 | .007125  | .0003870 | .0003253 | .02801   | .0006711 | .0003300 |
| %RSD   | 1.247274 | .3351536 | 3.946698 | 62.57364 | .2182503 | 67.29574 | 2.411590 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0136522 | 2.133254 | .0099717 | .0001810 | 12.83439 | .0015405 | .0133221 |
| #2 | .0139595 | 2.119023 | .0100794 | .0008297 | 12.80874 | .0012041 | .0139686 |
| #3 | .0139426 | 2.125496 | .0093618 | .0005490 | 12.86471 | .0002470 | .0137603 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7221880 | .0012707 | .0000624 | -.000157 | .0015322 | 5.748480 | .0039151 |
| Stddev | .0164769 | .0005150 | .0001001 | .000674  | .0004595 | .006338  | .0007805 |
| %RSD   | 2.281527 | 40.52652 | 160.4379 | 429.4969 | 29.99098 | .1102605 | 19.93622 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .7316817 | .0011715 | .0001758 | -.000922 | .0018892 | 5.746164 | .0030140 |
| #2 | .7317203 | .0008126 | -.000014 | .000103  | .0010137 | 5.743625 | .0043515 |
| #3 | .7031621 | .0018281 | .000025  | .000349  | .0016937 | 5.755650 | .0043798 |

Sample Name: Q1477-04      Acquired: 3/12/2025 18:44:59      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      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    | .5339079 | -.007291 | .0279202 |
| Stddev | .0089225 | .001162  | .0002454 |
| %RSD   | 1.671166 | 15.94324 | .8788013 |
| #1     | .5253127 | -.006049 | .0282033 |
| #2     | .5332861 | -.008352 | .0277678 |
| #3     | .5431251 | -.007471 | .0277897 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3392.880 | 76076.18 | 14785.42 | 2176.456 | 4932.322 |
| Stddev    | 12.909   | 189.02   | 52.28    | 11.407   | 13.152   |
| %RSD      | .3804848 | .2484673 | .3535952 | .5241134 | .2666531 |
| #1        | 3402.131 | 75999.02 | 14726.73 | 2166.025 | 4941.402 |
| #2        | 3398.377 | 76291.58 | 14802.53 | 2188.637 | 4938.325 |
| #3        | 3378.132 | 75937.94 | 14827.00 | 2174.706 | 4917.240 |

Sample Name: CCV09      Acquired: 3/12/2025 18:49:17      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.285937 | 5.096076 | 5.062605 | 5.064291 | 5.128807 | 9.863717 |
| Stddev | .014745  | .042702  | .008776  | .016425  | .016419  | .013143  |
| %RSD   | .2789433 | .8379399 | .1733510 | .3243235 | .3201284 | .1332481 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.269013 | 5.058359 | 5.056588 | 5.047807 | 5.110500 | 9.851435 |
| #2 | 5.296011 | 5.142440 | 5.058552 | 5.080656 | 5.142228 | 9.877578 |
| #3 | 5.292787 | 5.087428 | 5.072675 | 5.064409 | 5.133693 | 9.862137 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.216085 | .2354996 | 2.495207 | 23.63797 | 1.054316 | 2.482656 |
| Stddev | .110895  | .0007926 | .006391  | .02778   | .002983  | .005344  |
| %RSD   | 1.203273 | .3365557 | .2561201 | .1175119 | .2829508 | .2152687 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.124698 | .2345885 | 2.488487 | 23.61088 | 1.057034 | 2.477075 |
| #2 | 9.184100 | .2358802 | 2.495928 | 23.63663 | 1.054791 | 2.483167 |
| #3 | 9.339457 | .2360302 | 2.501207 | 23.66639 | 1.051124 | 2.487727 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.278754 | 4.959795 | 2.266593 | 24.08874 | 2.484315 | 1.272056 |
| Stddev | .003454  | .009483  | .005720  | .00772   | .006019  | .002707  |
| %RSD   | .2700840 | .1911889 | .2523571 | .0320414 | .2422623 | .2128081 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.274792 | 4.961583 | 2.264935 | 24.08119 | 2.477766 | 1.274787 |
| #2 | 1.280335 | 4.968257 | 2.261885 | 24.09661 | 2.485575 | 1.272006 |
| #3 | 1.281133 | 4.949546 | 2.272959 | 24.08842 | 2.489604 | 1.269373 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.29389 | 2.418684 | 2.563314 | 25.36744 | 4.609509 | 5.141204 |
| Stddev | .06517   | .005894  | .007214  | .10952   | .018060  | .015532  |
| %RSD   | .2478556 | .2436951 | .2814158 | .4317536 | .3918025 | .3021070 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.35648 | 2.423668 | 2.567991 | 25.49054 | 4.597740 | 5.123790 |
| #2 | 26.22642 | 2.412178 | 2.566944 | 25.28078 | 4.600485 | 5.153626 |
| #3 | 26.29877 | 2.420207 | 2.555007 | 25.33099 | 4.630303 | 5.146195 |

Sample Name: CCV09      Acquired: 3/12/2025 18:49:17      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.989546 | 4.692116 | F 5.565752 | 4.898327 | 4.862927 | 4.606030 |
| Stddev | .013101  | .003367  | .010312    | .018762  | .007887  | .005661  |
| %RSD   | .2625738 | .0717597 | .1852674   | .3830213 | .1621838 | .1228979 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.975564 | 4.688700 | 5.553895 | 4.878736 | 4.853921 | 4.600762 |
| #2 | 4.991535 | 4.692214 | 5.570740 | 4.916132 | 4.866257 | 4.605314 |
| #3 | 5.001539 | 4.695432 | 5.572621 | 4.900112 | 4.868603 | 4.612015 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.711992 |
| Stddev | .021324  |
| %RSD   | .4525444 |

|    |          |
|----|----------|
| #1 | 4.688826 |
| #2 | 4.730801 |
| #3 | 4.716350 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3238.469 | 71747.98 | 14755.97 | 2067.100 | 4374.454 |
| Stddev    | 4.383    | 231.77   | 15.48    | 11.407   | 6.998    |
| %RSD      | .1353290 | .3230323 | .1049095 | .5518498 | .1599722 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3243.129 | 71557.27 | 14771.82 | 2057.461 | 4377.486 |
| #2 | 3237.848 | 71680.74 | 14740.88 | 2064.146 | 4379.425 |
| #3 | 3234.430 | 72005.94 | 14755.23 | 2079.694 | 4366.452 |

Sample Name: CCB09      Acquired: 3/12/2025 18:53:27      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010605 | -.001631 | -.000023 | -.007805 | -.001745 | .0014504 | -.005530 |
| Stddev | .0031566 | .000240  | .000442  | .000768  | .000757  | .0009557 | .000107  |
| %RSD   | 297.6611 | 14.68546 | 1884.710 | 9.840936 | 43.38588 | 65.89232 | 1.927780 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001046 | -.001380 | .000266  | -.006924 | -.002212 | .0005700 | -.005612 |
| #2 | -.000462 | -.001656 | -.000532 | -.008154 | -.000871 | .0024668 | -.005409 |
| #3 | .004690  | -.001858 | .000196  | -.008336 | -.002151 | .0013144 | -.005568 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000334 | .0000482 | -.000469 | -.000401 | .0001438 | .0002409 | -.000452 |
| Stddev | .0000708 | .0000072 | .003217  | .000373  | .0000971 | .0001834 | .002779  |
| %RSD   | 211.8863 | 14.99153 | 686.2066 | 93.00892 | 67.54075 | 76.15456 | 614.9289 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000650 | .0000453 | .000714  | -.000211 | .0001735 | .0004055 | -.002815 |
| #2 | -.000048 | .0000564 | -.004110 | -.000830 | .0002227 | .0002740 | -.001151 |
| #3 | .000083  | .0000428 | .001990  | -.000161 | .0000353 | .0000431 | .002609  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000908 | .0153942 | -.000315 | .0004844 | .0405518 | .0003459 | -.000566 |
| Stddev | .000193  | .0122148 | .000134  | .0001021 | .0077054 | .0008497 | .000095  |
| %RSD   | 21.20404 | 79.34700 | 42.69948 | 21.08058 | 19.00144 | 245.6362 | 16.71944 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001119 | .0202668 | -.000444 | .0003784 | .0322436 | -.000569 | -.000655 |
| #2 | -.000741 | .0014951 | -.000176 | .0005821 | .0419484 | .001111  | -.000466 |
| #3 | -.000866 | .0244207 | -.000325 | .0004926 | .0474634 | .000495  | -.000577 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.046447 | -.000419 | .0000588 | -.000286 | .0015831 | -.046538 | -.002782 |
| Stddev | .024686  | .000354  | .0001584 | .000334  | .0005059 | .001935  | .001824  |
| %RSD   | 53.14939 | 84.43399 | 269.4633 | 116.6230 | 31.95601 | 4.157585 | 65.54651 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.074653 | -.000501 | -.000123 | -.000669 | .0014067 | -.048187 | -.002581 |
| #2 | -.035908 | -.000032 | .000168  | -.000056 | .0021536 | -.044408 | -.004698 |
| #3 | -.028779 | -.000725 | .000132  | -.000133 | .0011891 | -.047019 | -.001068 |

Sample Name: CCB09      Acquired: 3/12/2025 18:53:27      Type: Unk  
Method: NON EPA-6010-200.7(v2770)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002751 | -.003505 | .0000058 |
| Stddev | .0017059 | .001317  | .0001118 |
| %RSD   | 620.1289 | 37.57010 | 1914.929 |
| #1     | -.000158 | -.001990 | .0001100 |
| #2     | -.001173 | -.004151 | -.000112 |
| #3     | .002156  | -.004375 | .000020  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3417.941 | 77142.42 | 15170.25 | 2197.411 | 5004.396 |
| Stddev    | 2.709    | 29.36    | 50.07    | 7.273    | .371     |
| %RSD      | .0792585 | .0380611 | .3300471 | .3309619 | .0074217 |
| #1        | 3419.992 | 77126.78 | 15166.05 | 2205.687 | 5004.771 |
| #2        | 3418.961 | 77124.19 | 15222.29 | 2192.040 | 5004.028 |
| #3        | 3414.871 | 77176.29 | 15122.42 | 2194.505 | 5004.389 |