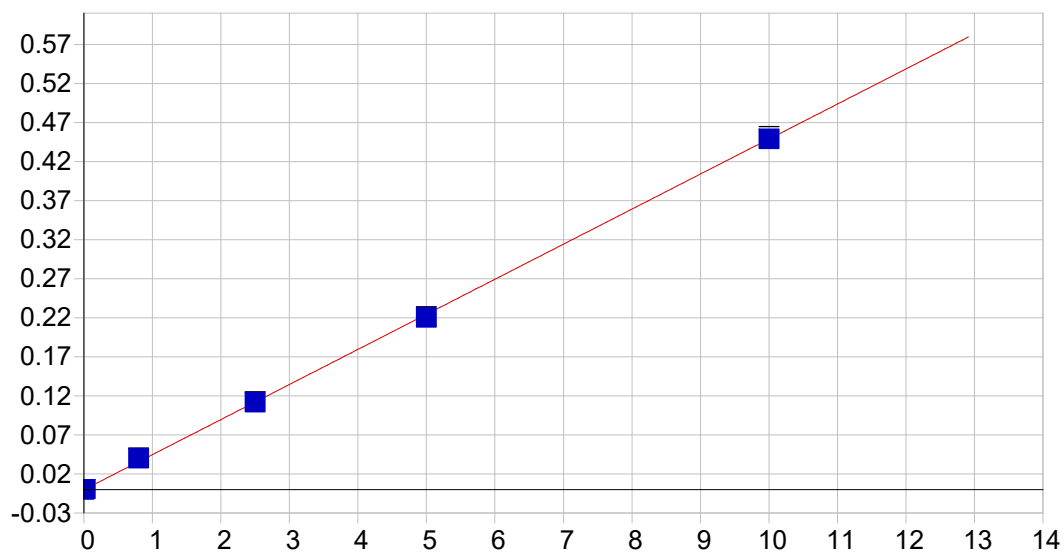


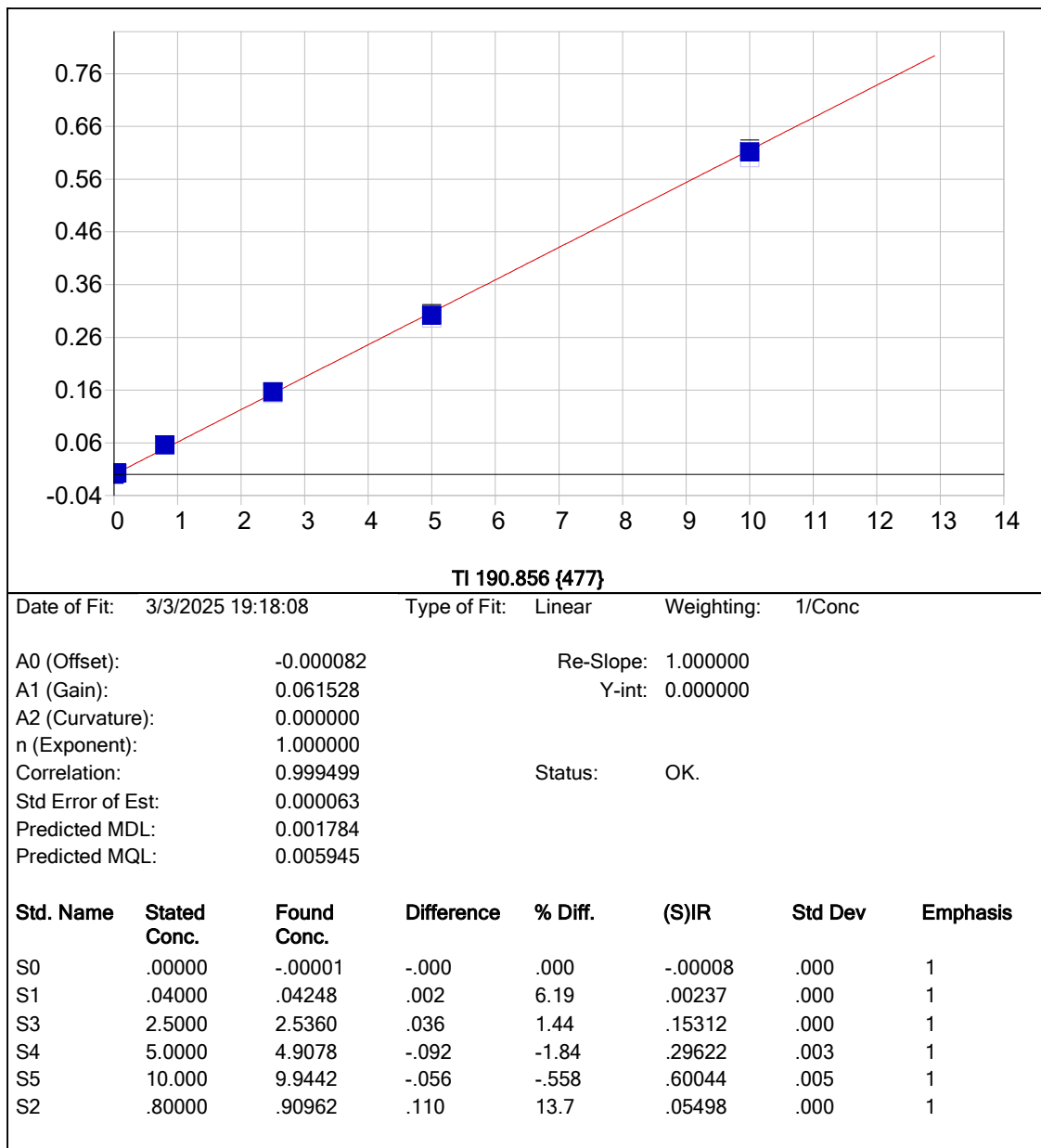


As 189.042 {479}

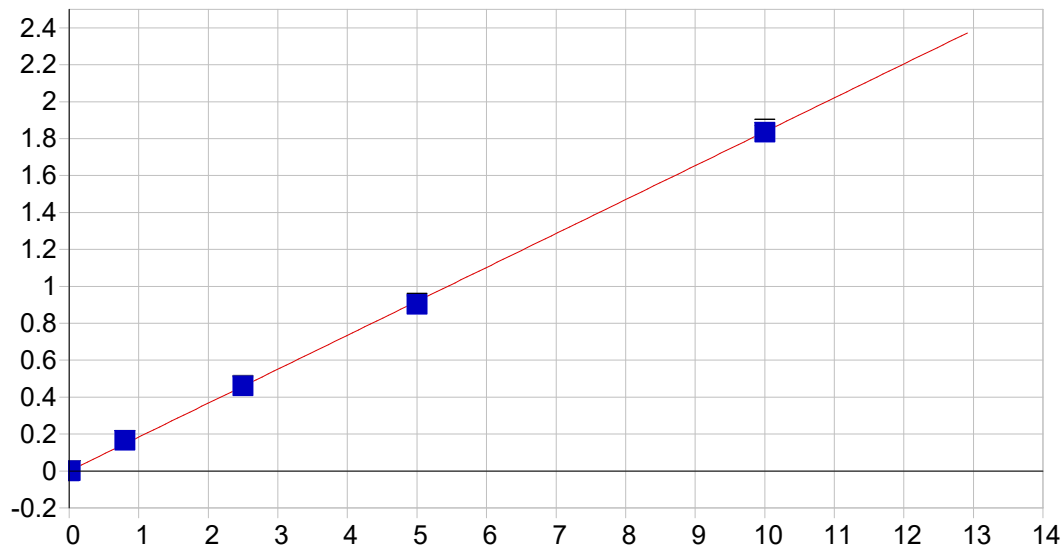
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000116 Re-Slope: 1.000000  
A1 (Gain): 0.044895 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999634 Status: OK.  
Std Error of Est: 0.000028  
Predicted MDL: 0.002688  
Predicted MQL: 0.008959

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00012 | .000    | 1        |
| S1        | .02000       | .02112      | .001       | 5.59    | .00083  | .000    | 1        |
| S3        | 2.5000       | 2.4921      | -.008      | -.317   | .11164  | .001    | 1        |
| S4        | 5.0000       | 4.9065      | -.094      | -1.87   | .21992  | .001    | 1        |
| S5        | 10.000       | 10.004      | .004       | .042    | .44854  | .003    | 1        |
| S2        | .80000       | .89614      | .096       | 12.0    | .04008  | .000    | 1        |





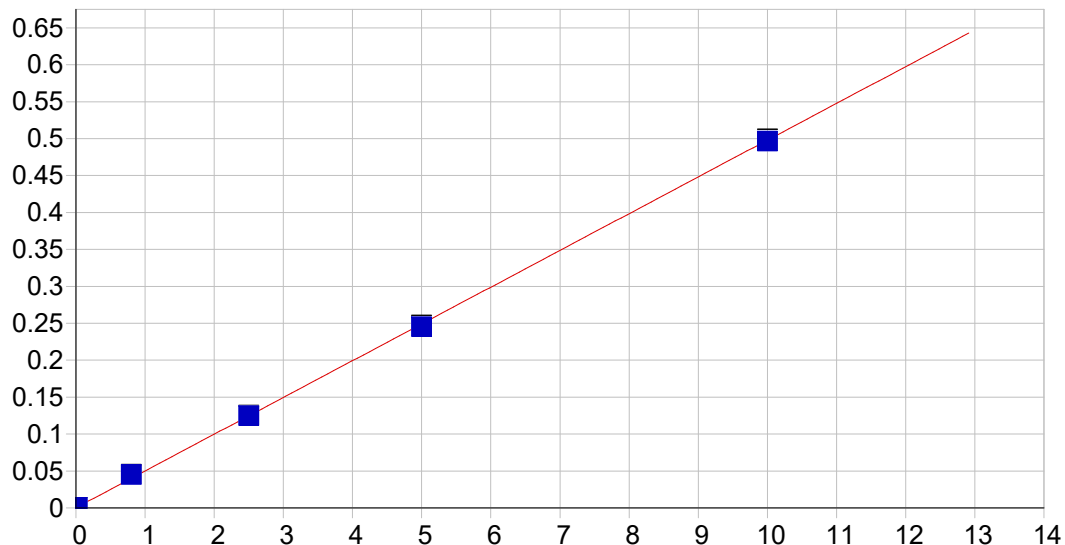


**Pb 220.353 {453}**

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000  
A1 (Gain): 0.183697 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999606 Status: OK.  
Std Error of Est: 0.000094  
Predicted MDL: 0.001475  
Predicted MQL: 0.004917

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00002 | .000    | 1        |
| S1        | .01200       | .01018      | -.002      | -15.2   | .00185 | .000    | 1        |
| S3        | 2.5000       | 2.5036      | .004       | .142    | .45941 | .004    | 1        |
| S4        | 5.0000       | 4.9093      | -.091      | -1.81   | .90083 | .007    | 1        |
| S5        | 10.000       | 9.9890      | -.011      | -.110   | 1.8330 | .017    | 1        |
| S2        | .80000       | .89993      | .100       | 12.5    | .16517 | .001    | 1        |

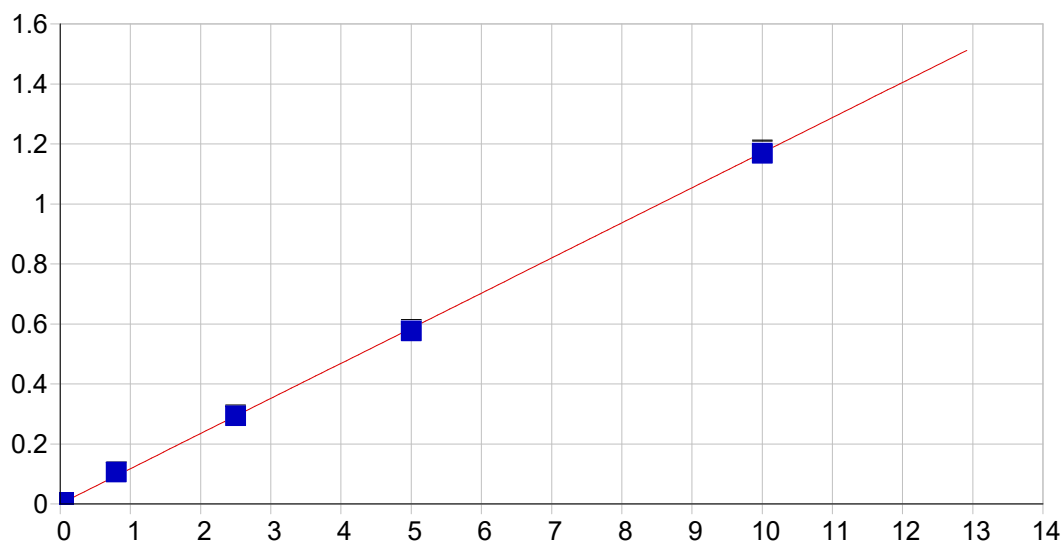


Se 196.090 {472}

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000264 Re-Slope: 1.000000  
A1 (Gain): 0.049767 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999621 Status: OK.  
Std Error of Est: 0.000032  
Predicted MDL: 0.002971  
Predicted MQL: 0.009905

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .00026 | .000    | 1        |
| S1        | .02000       | .01801      | -.002      | -9.94   | .00116 | .000    | 1        |
| S3        | 2.5000       | 2.5011      | .001       | .046    | .12469 | .001    | 1        |
| S4        | 5.0000       | 4.9256      | -.074      | -1.49   | .24531 | .002    | 1        |
| S5        | 10.000       | 9.9752      | -.025      | -.248   | .49652 | .003    | 1        |
| S2        | .80000       | .90007      | .100       | 12.5    | .04504 | .000    | 1        |

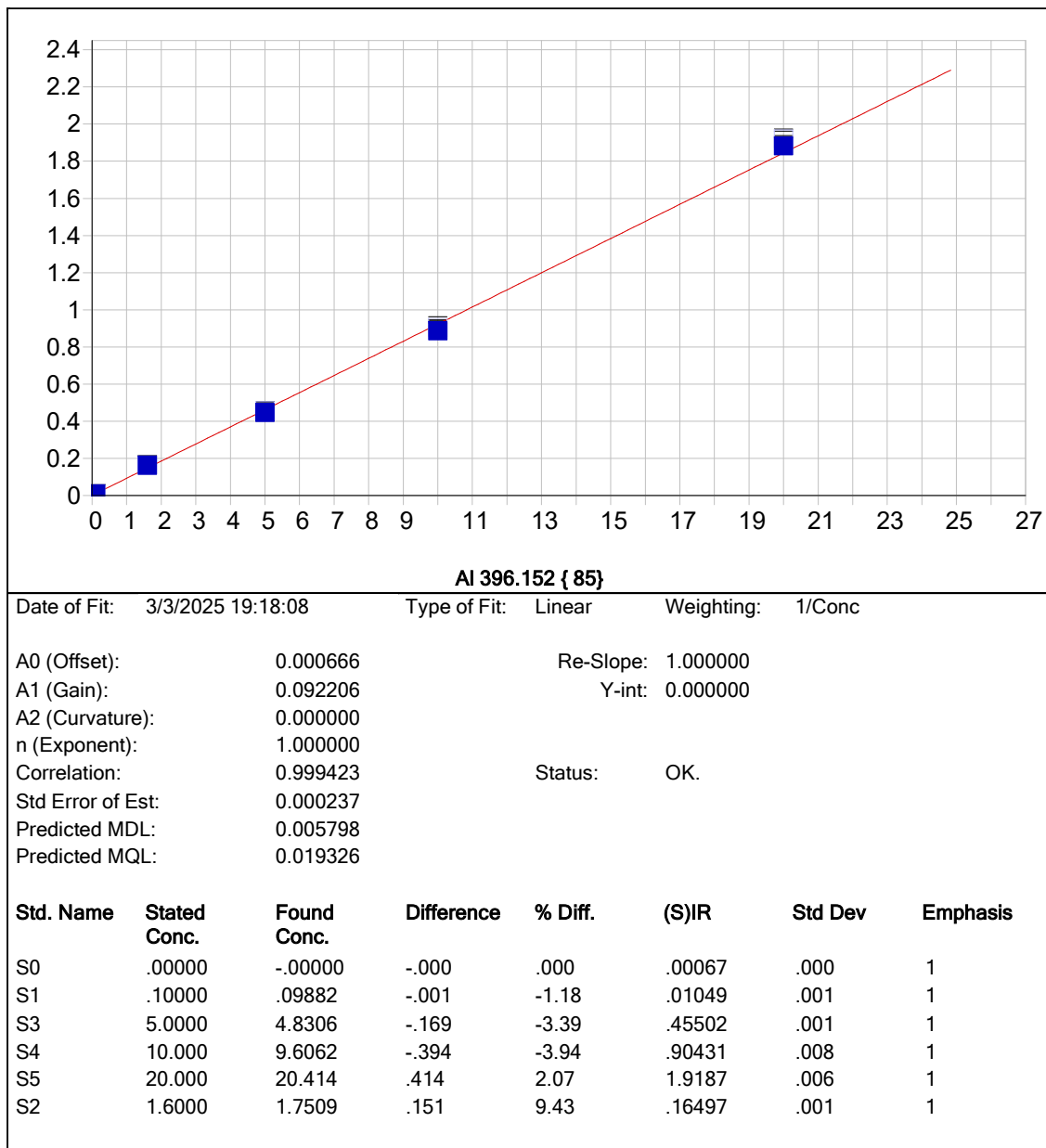


**Sb 206.833 {463}**

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

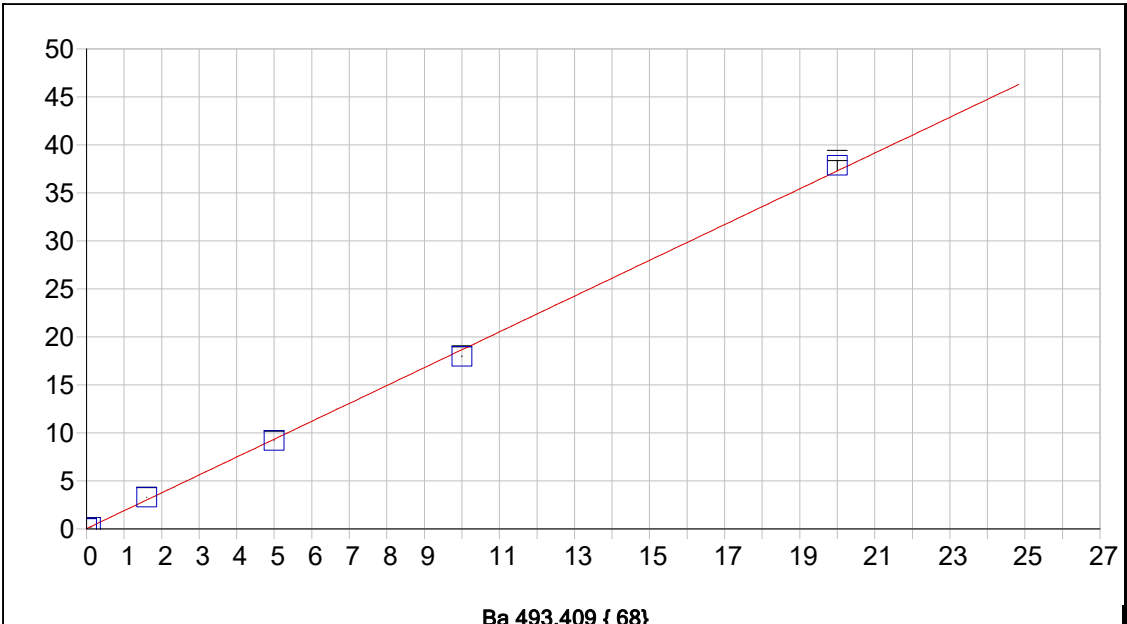
A0 (Offset): 0.000382 Re-Slope: 1.000000  
A1 (Gain): 0.117029 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999607 Status: OK.  
Std Error of Est: 0.000122  
Predicted MDL: 0.001594  
Predicted MQL: 0.005314

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00038 | .000    | 1        |
| S1        | .05000       | .05008      | .000       | .163    | .00626 | .000    | 1        |
| S3        | 2.5000       | 2.5003      | .000       | .012    | .29378 | .002    | 1        |
| S4        | 5.0000       | 4.9189      | -.081      | -1.62   | .57763 | .004    | 1        |
| S5        | 10.000       | 9.9782      | -.022      | -.218   | 1.1713 | .008    | 1        |
| S2        | .80000       | .90249      | .102       | 12.8    | .10625 | .001    | 1        |

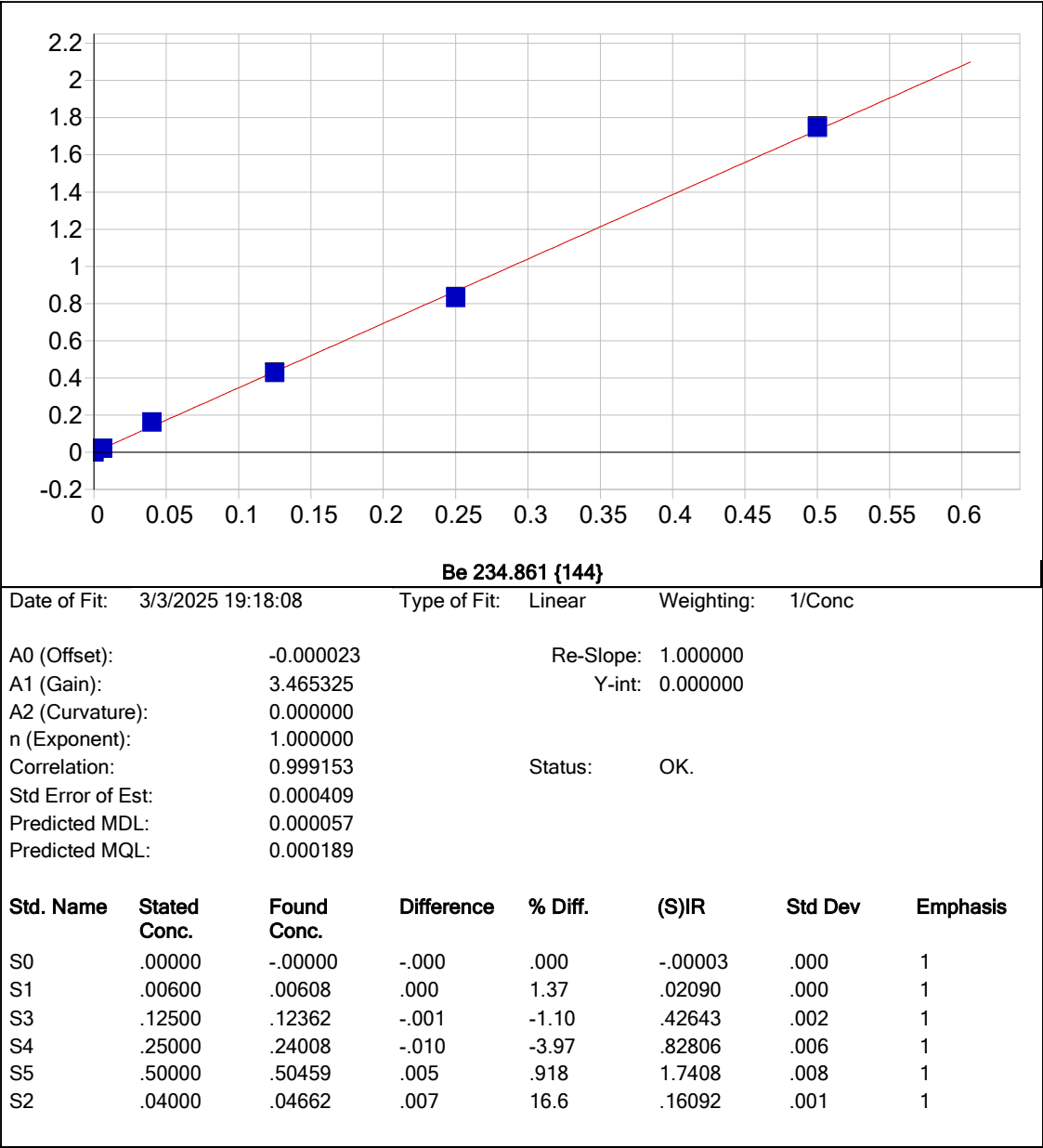


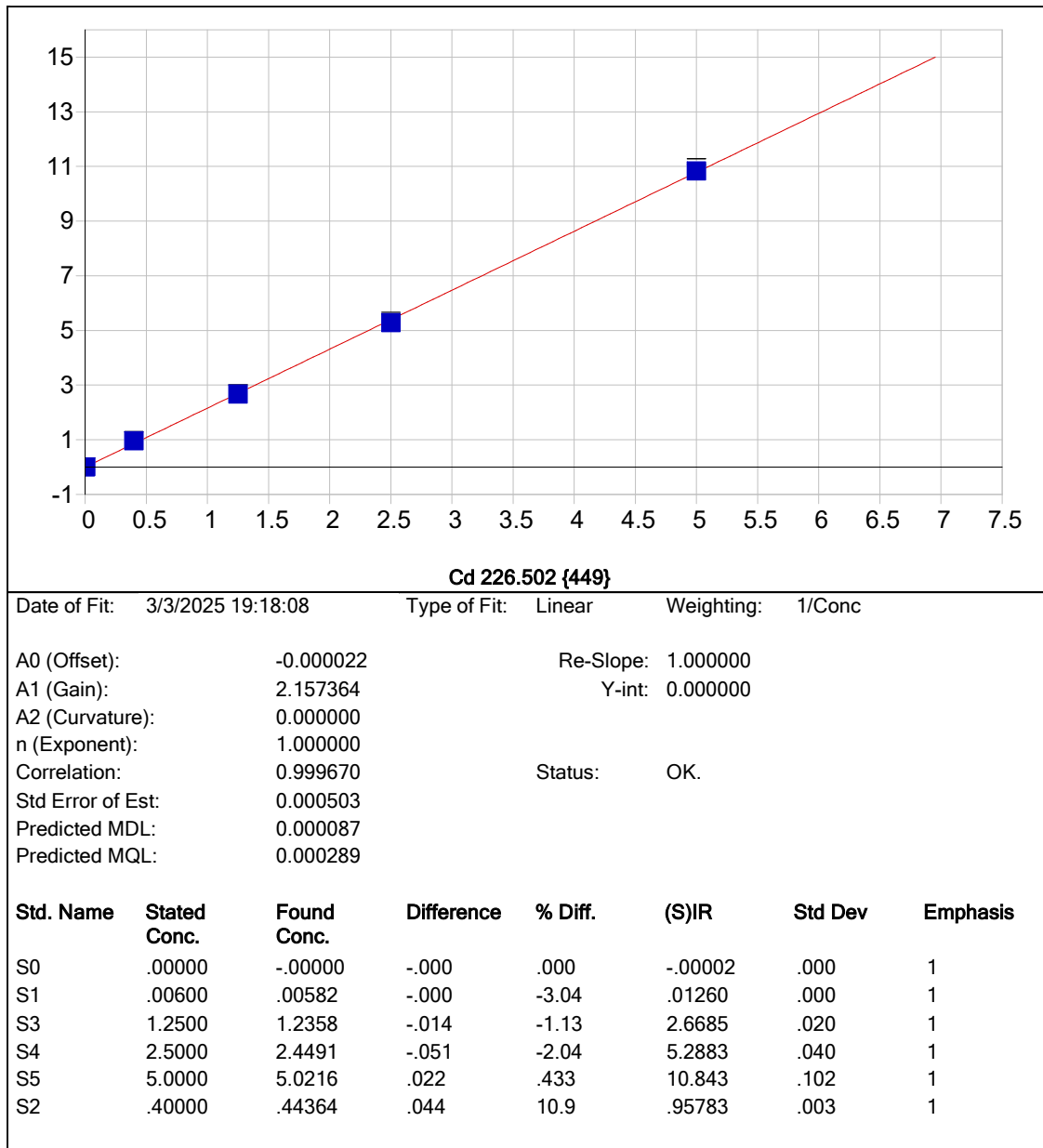
Date of Fit: 3/3/2025 19:18:08      Type of Fit: Linear      Weighting: 1/Conc

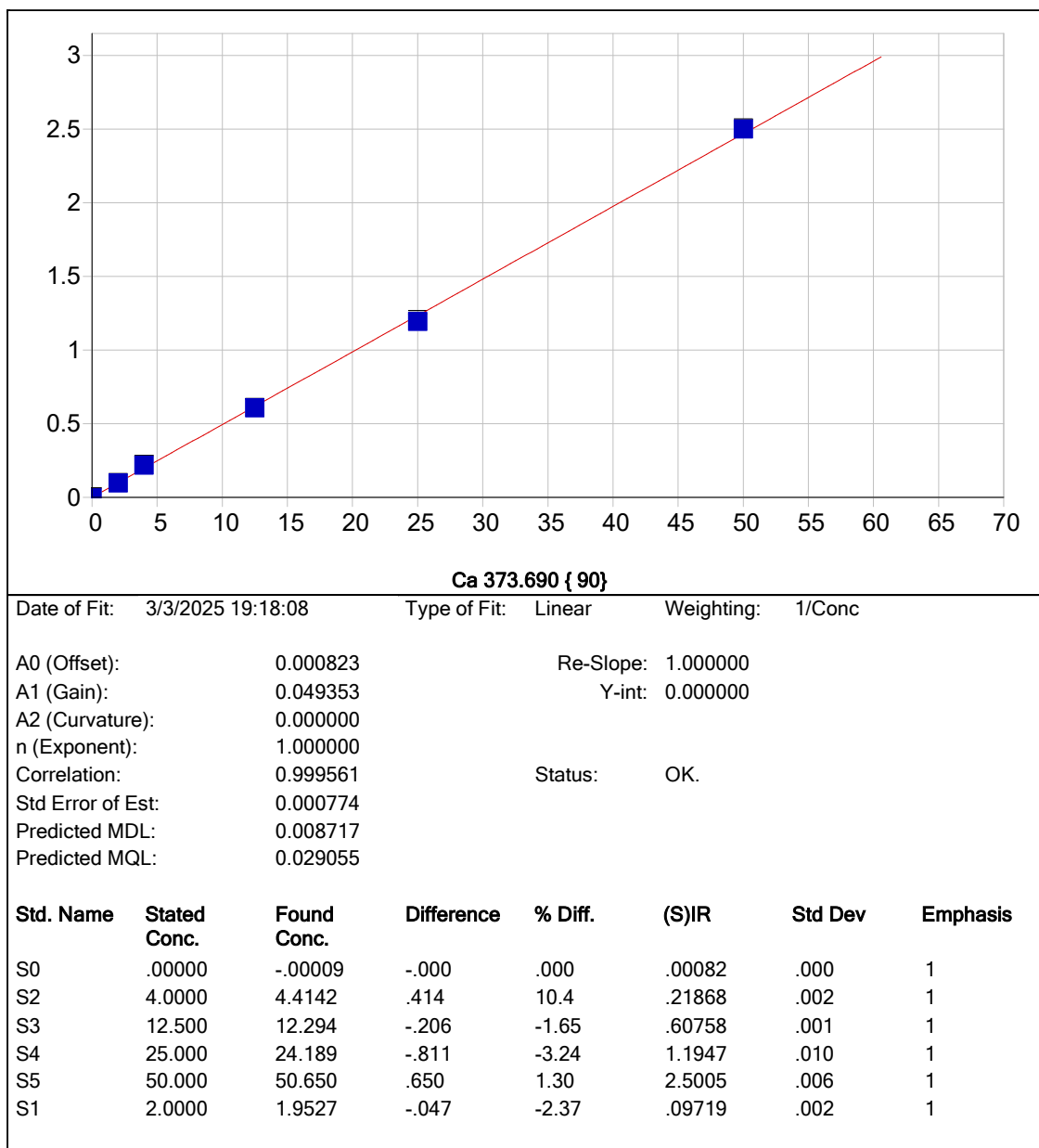
A0 (Offset): 0.000666      Re-Slope: 1.000000  
A1 (Gain): 0.092206      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999423      Status: OK.  
Std Error of Est: 0.000237  
Predicted MDL: 0.005798  
Predicted MQL: 0.019326



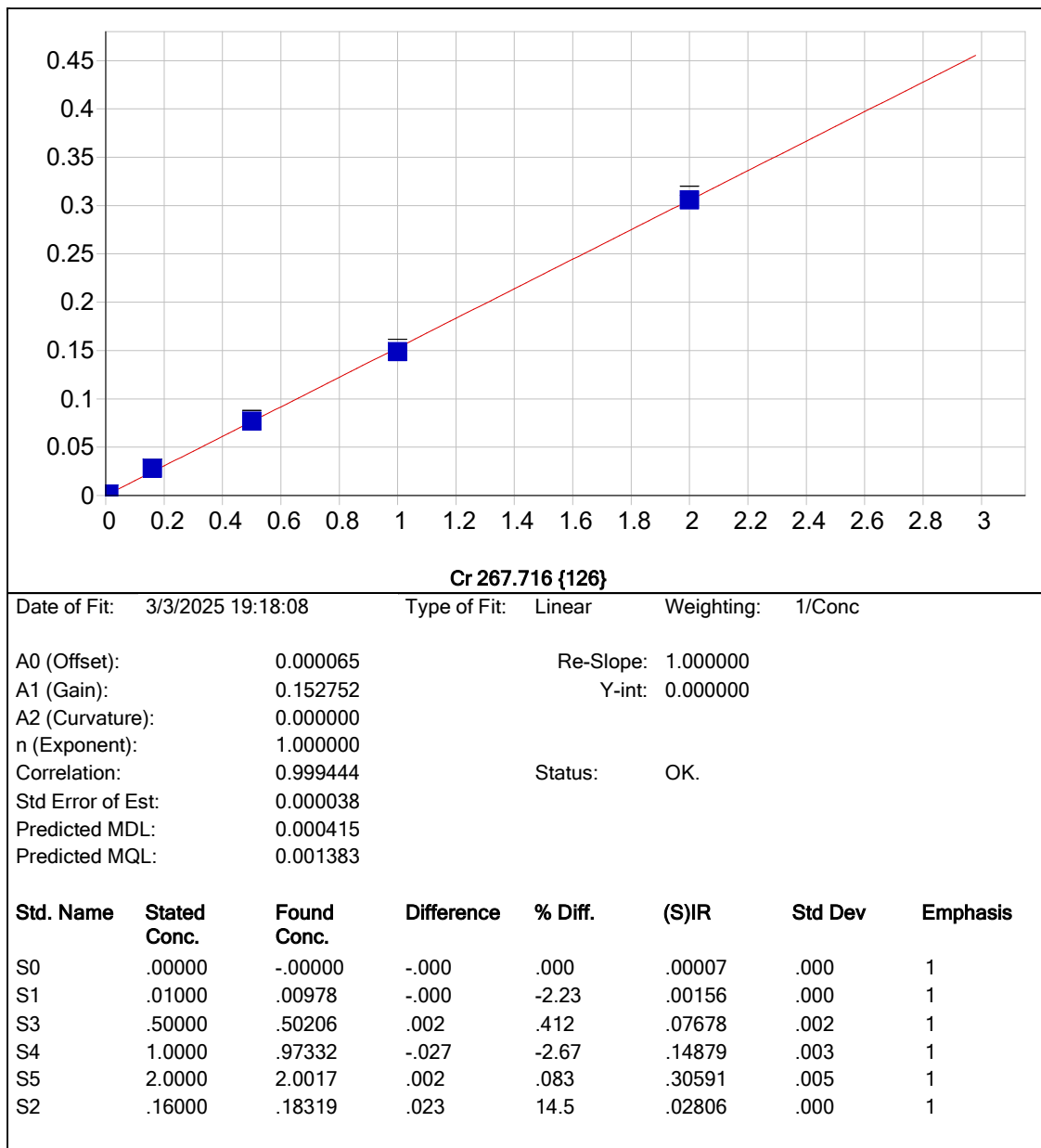
|                                |              |                     |            |                   |        |         |          |
|--------------------------------|--------------|---------------------|------------|-------------------|--------|---------|----------|
| Date of Fit: 3/3/2025 19:18:08 |              | Type of Fit: Linear |            | Weighting: 1/Conc |        |         |          |
| A0 (Offset): 0.032485          |              | Re-Slope: 1.000000  |            |                   |        |         |          |
| A1 (Gain): 1.862846            |              | Y-int: 0.000000     |            |                   |        |         |          |
| A2 (Curvature): 0.000000       |              |                     |            |                   |        |         |          |
| n (Exponent): 1.000000         |              |                     |            |                   |        |         |          |
| Correlation: 0.999544          |              | Status: OK.         |            |                   |        |         |          |
| Std Error of Est: 0.004175     |              |                     |            |                   |        |         |          |
| Predicted MDL: 0.001004        |              |                     |            |                   |        |         |          |
| Predicted MQL: 0.003346        |              |                     |            |                   |        |         |          |
|                                |              |                     |            |                   |        |         |          |
| Std. Name                      | Stated Conc. | Found Conc.         | Difference | % Diff.           | (S)IR  | Std Dev | Emphasis |
| S0                             | .00000       | .00000              | .000       | .000              | .03249 | .002    | 1        |
| S1                             | .10000       | .09279              | -.007      | -7.21             | .20534 | .002    | 1        |
| S3                             | 5.0000       | 4.9154              | -.085      | -1.69             | 9.1891 | .018    | 1        |
| S4                             | 10.000       | 9.6336              | -.366      | -3.66             | 17.978 | .044    | 1        |
| S5                             | 20.000       | 20.313              | .313       | 1.56              | 37.872 | .545    | 1        |
| S2                             | 1.6000       | 1.7457              | .146       | 9.11              | 3.2844 | .021    | 1        |

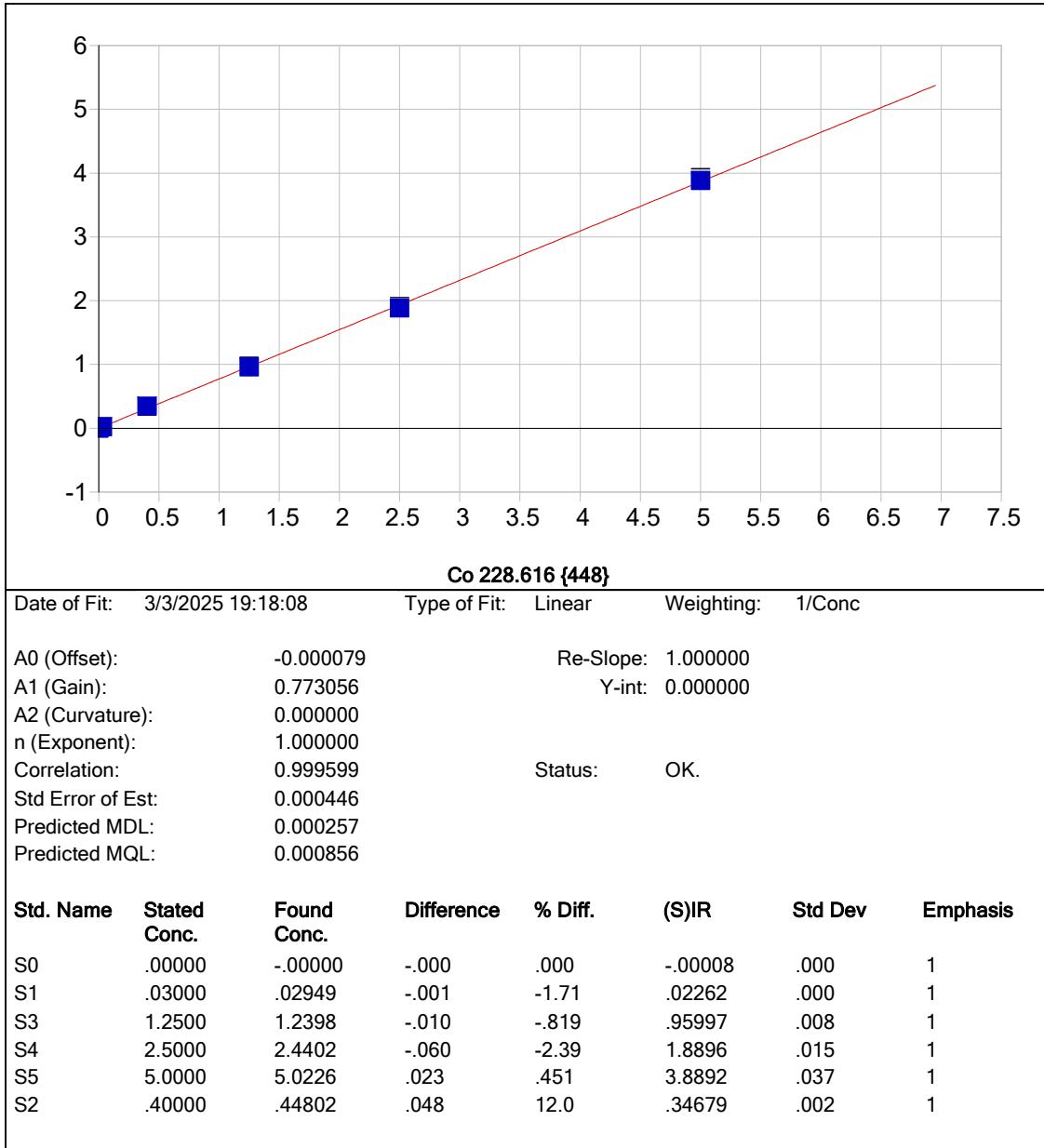


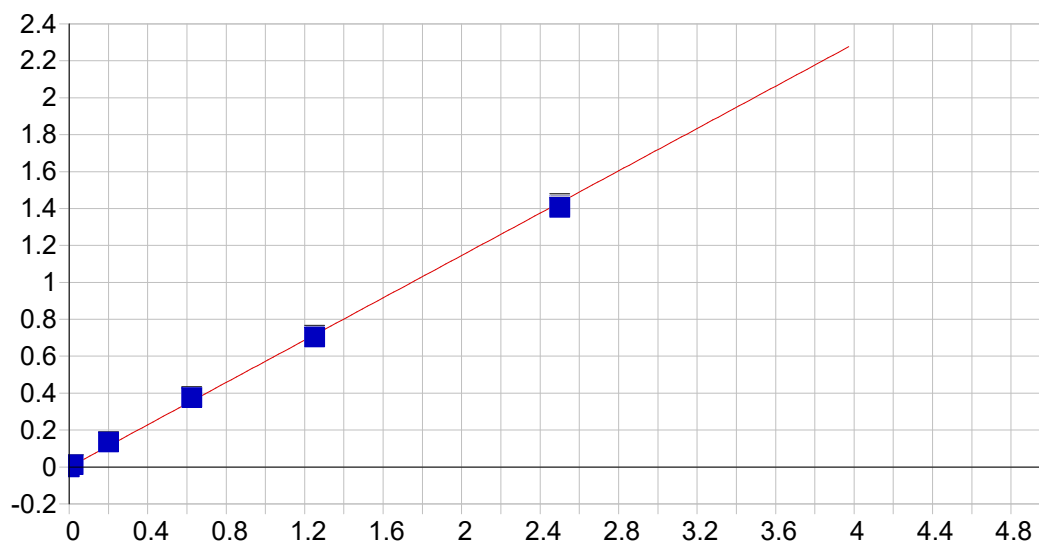










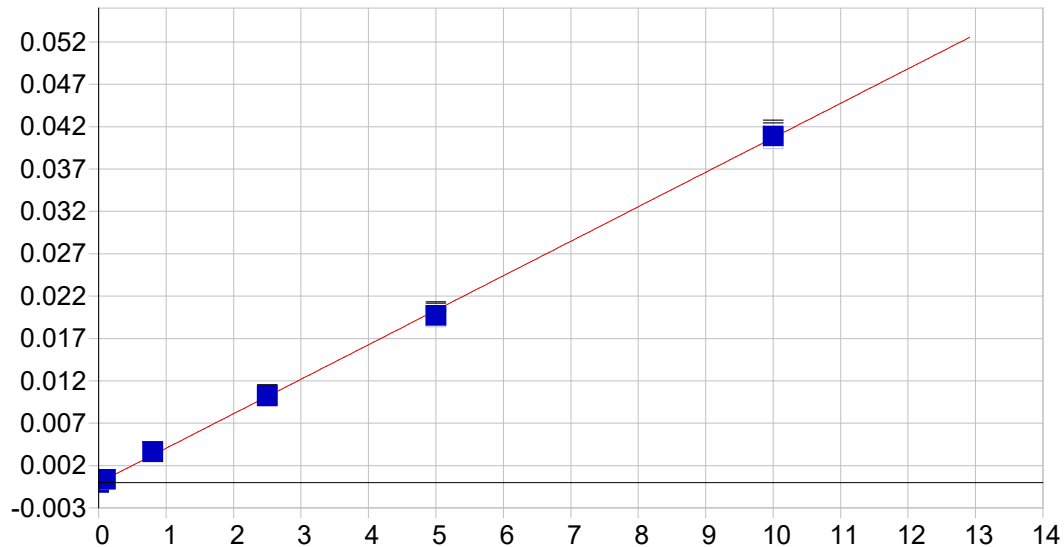


**Cu 224.700 {450}**

Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000721 Re-Slope: 1.000000  
A1 (Gain): 0.573155 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998998 Status: OK.  
Std Error of Est: 0.000303  
Predicted MDL: 0.000454  
Predicted MQL: 0.001515

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00073 | .000    | 1        |
| S1        | .02000       | .02239      | .002       | 12.0    | .01222  | .000    | 1        |
| S3        | .62500       | .65634      | .031       | 5.01    | .37801  | .002    | 1        |
| S4        | 1.2500       | 1.2285      | -.022      | -1.72   | .70846  | .004    | 1        |
| S5        | 2.5000       | 2.4525      | -.047      | -1.90   | 1.4151  | .011    | 1        |
| S2        | .20000       | .23527      | .035       | 17.6    | .13494  | .001    | 1        |

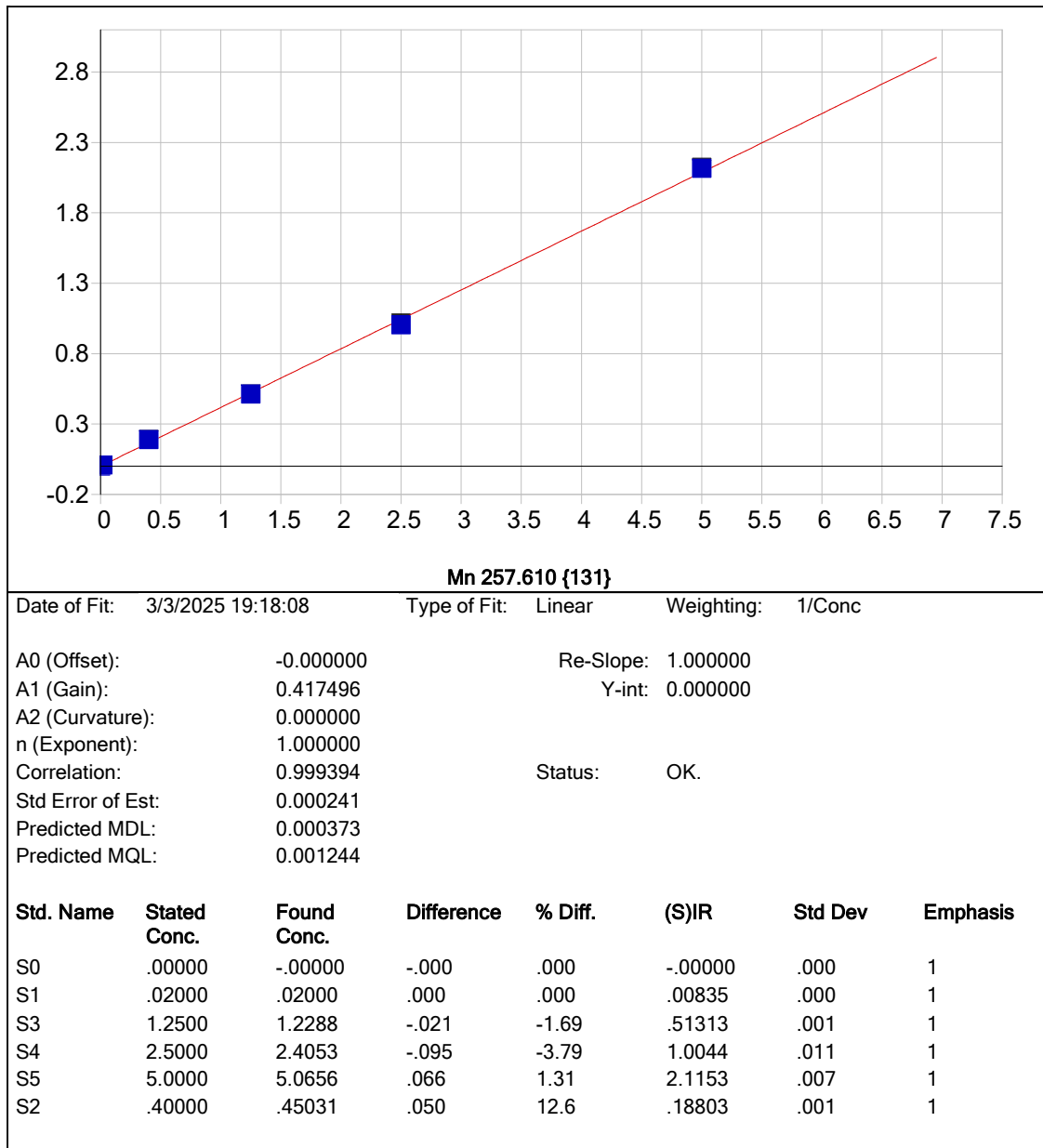


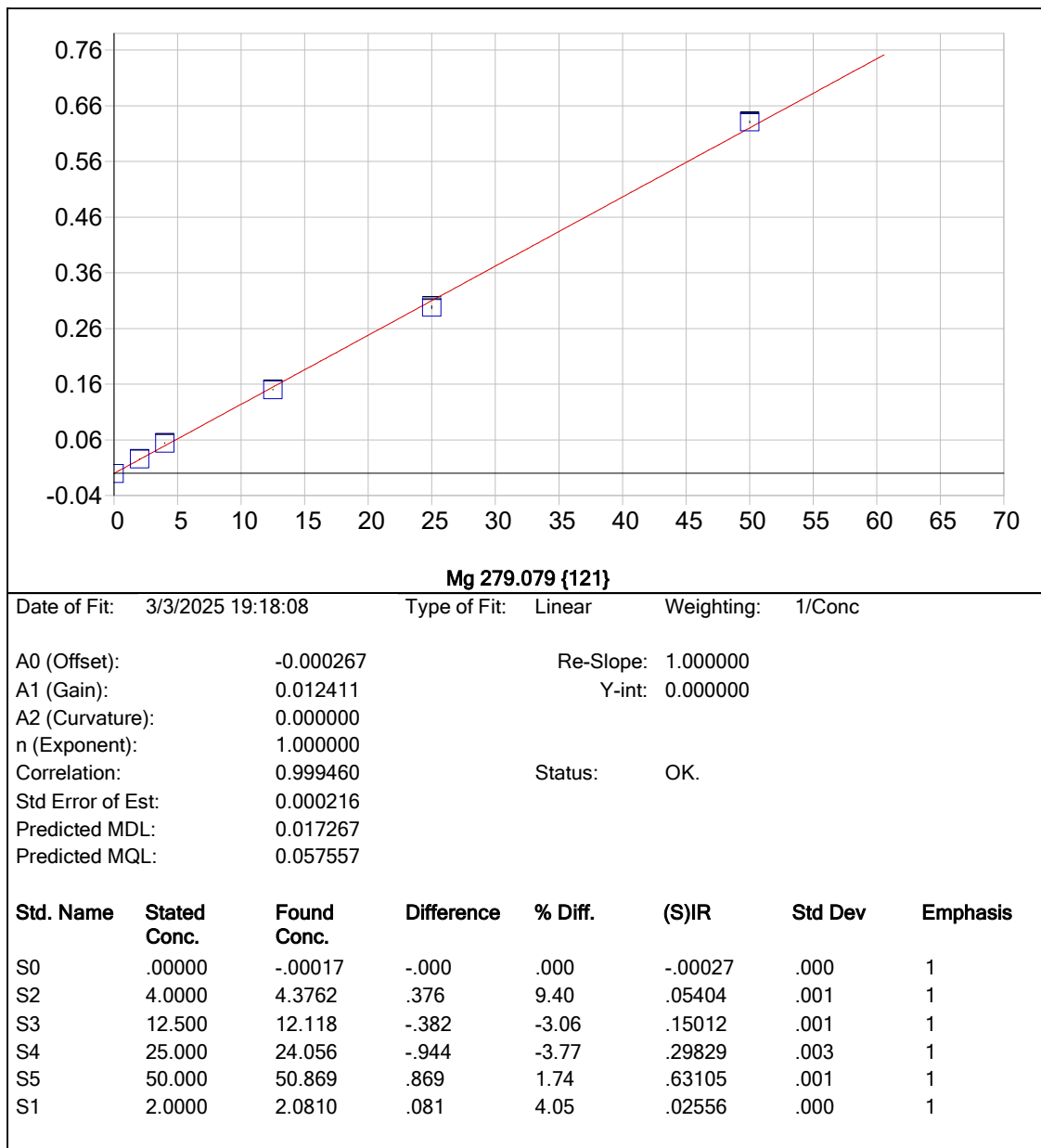
**Fe 240.488 {140}**

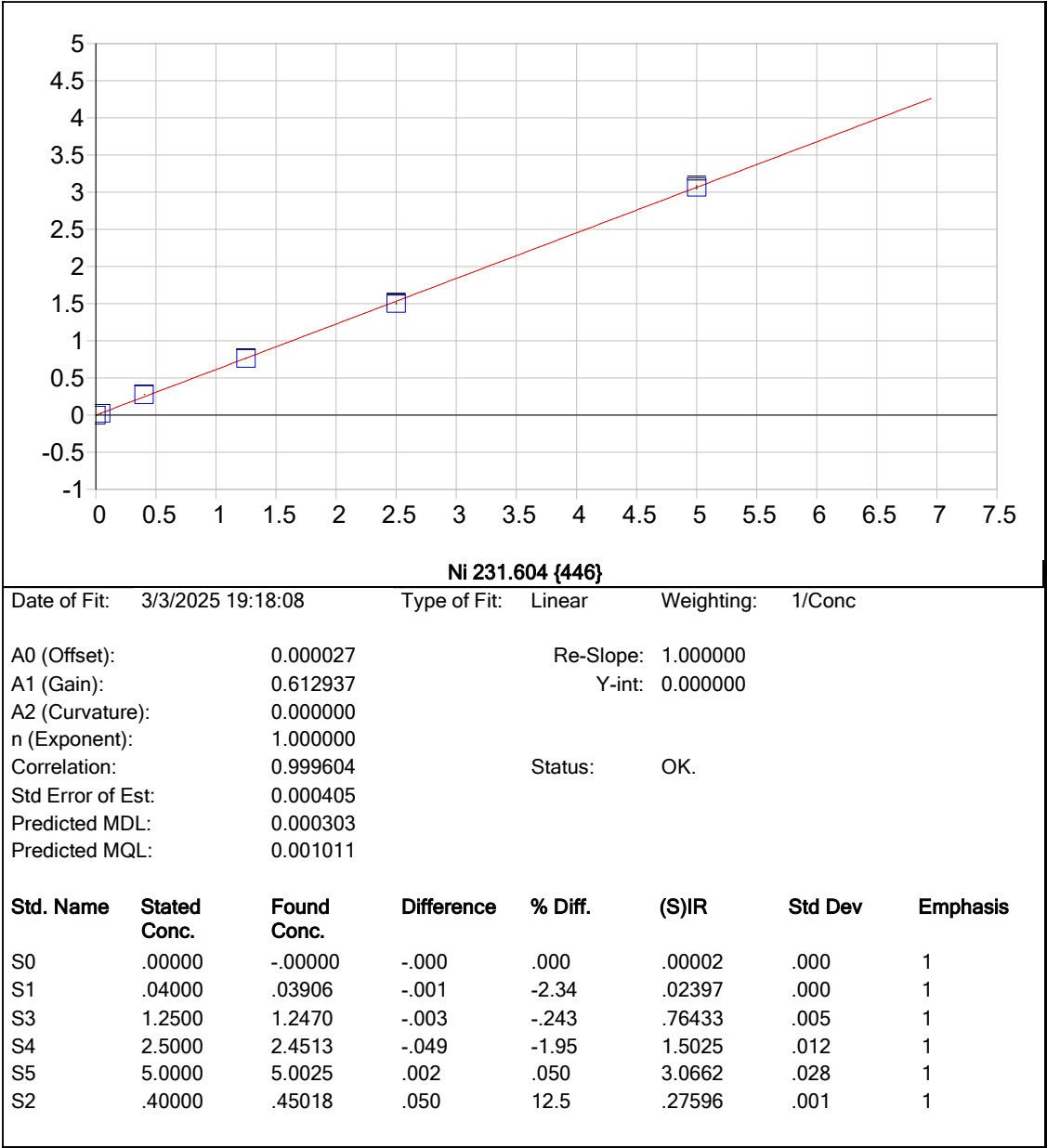
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

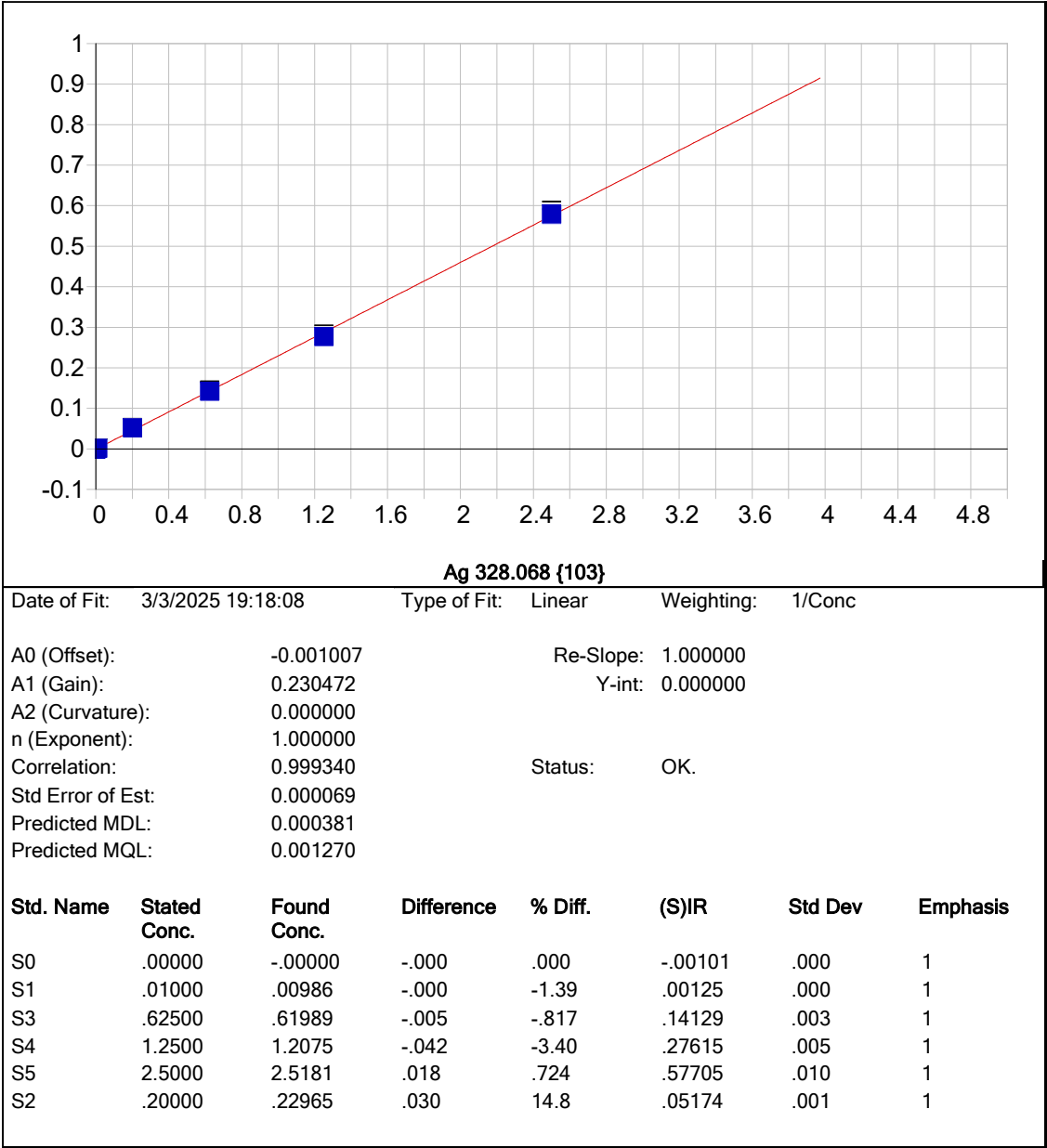
A0 (Offset): -0.000027 Re-Slope: 1.000000  
A1 (Gain): 0.004072 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999553 Status: OK.  
Std Error of Est: 0.000006  
Predicted MDL: 0.006867  
Predicted MQL: 0.022891

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .10000       | .09672      | -.003      | -3.28   | .00036  | .000    | 1        |
| S3        | 2.5000       | 2.5124      | .012       | .498    | .01012  | .000    | 1        |
| S4        | 5.0000       | 4.8444      | -.156      | -3.11   | .01952  | .000    | 1        |
| S5        | 10.000       | 10.053      | .053       | .532    | .04056  | .001    | 1        |
| S2        | .80000       | .89325      | .093       | 11.7    | .00358  | .000    | 1        |

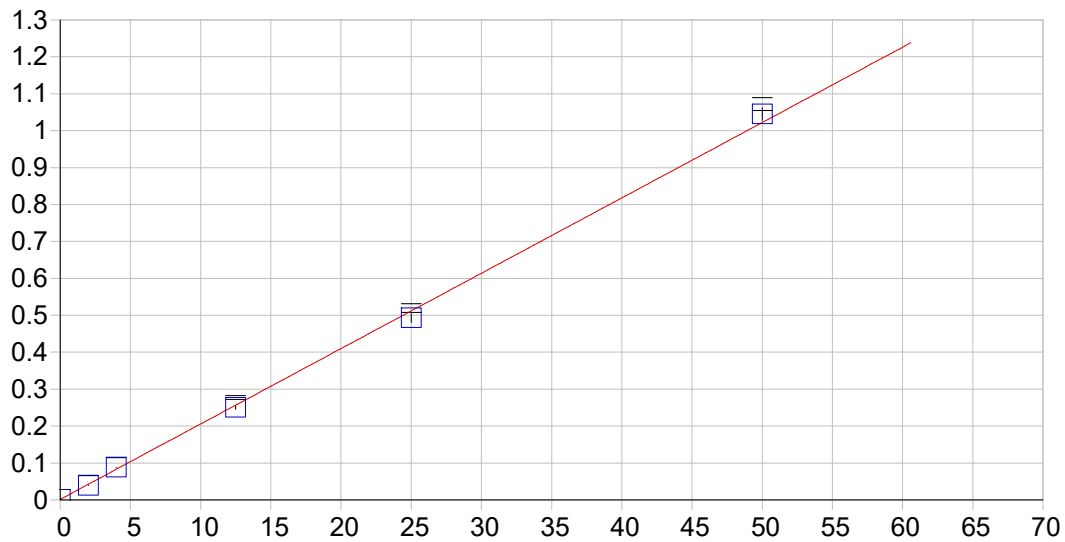










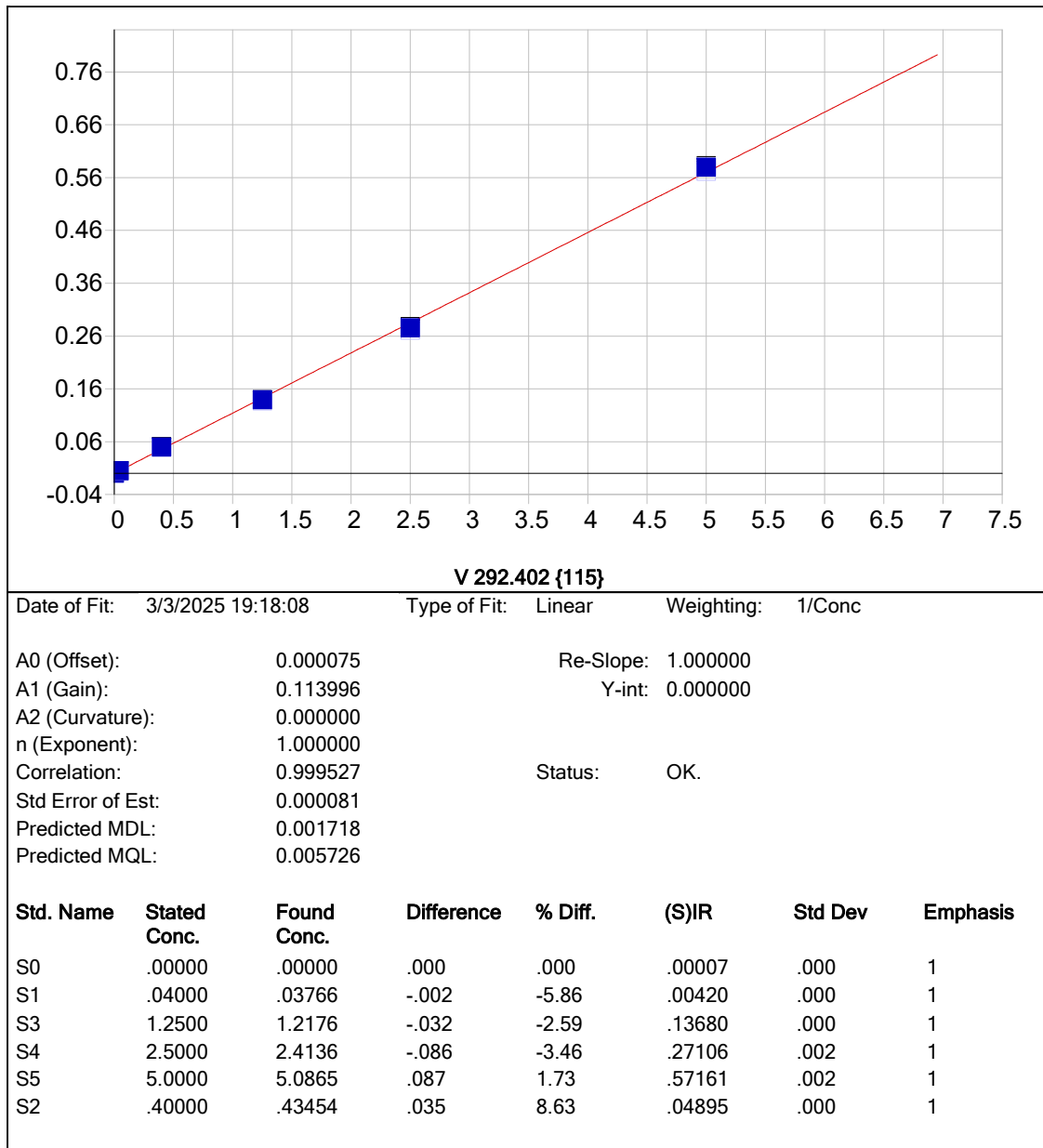


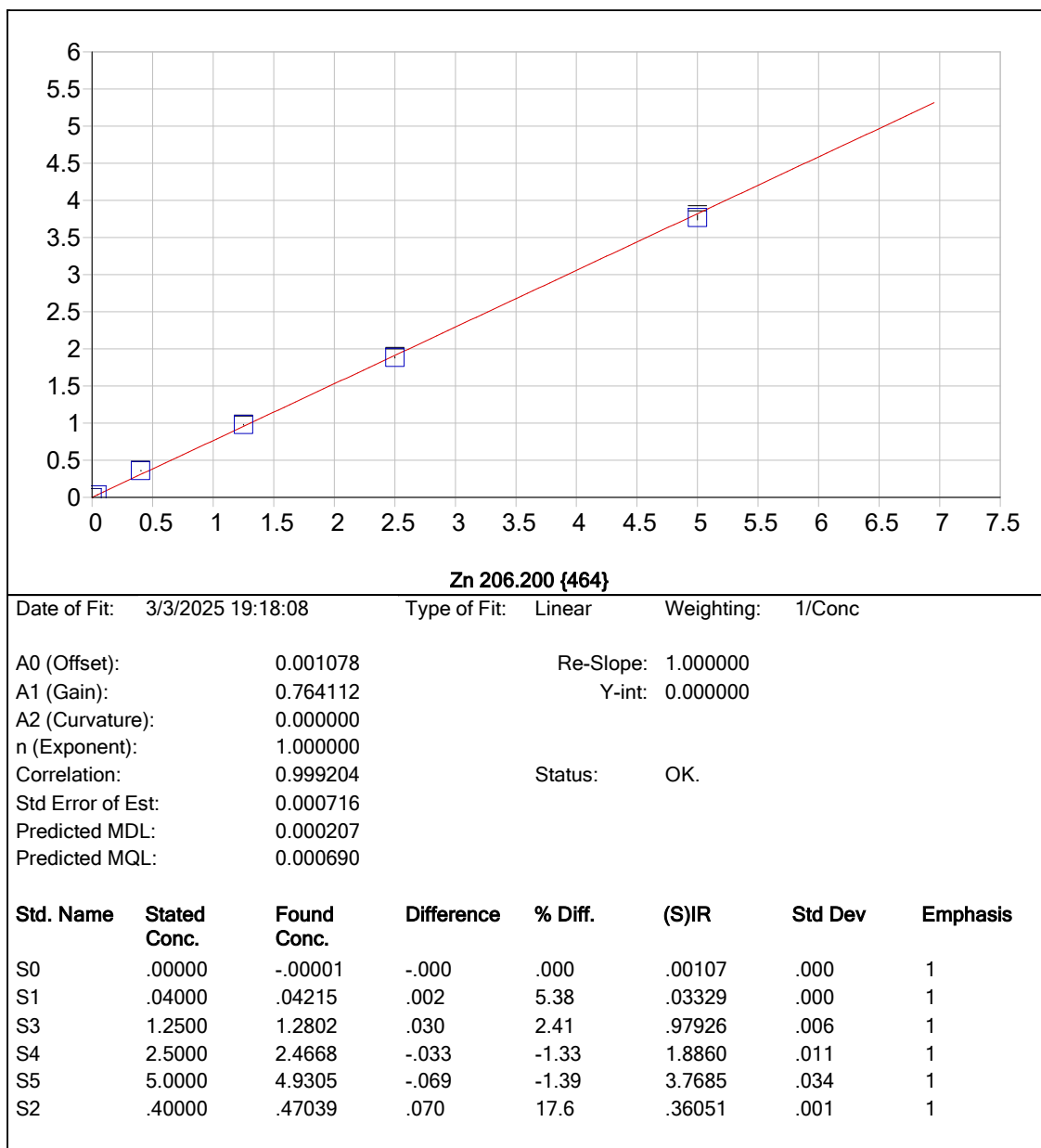
Na 589.592 { 57}

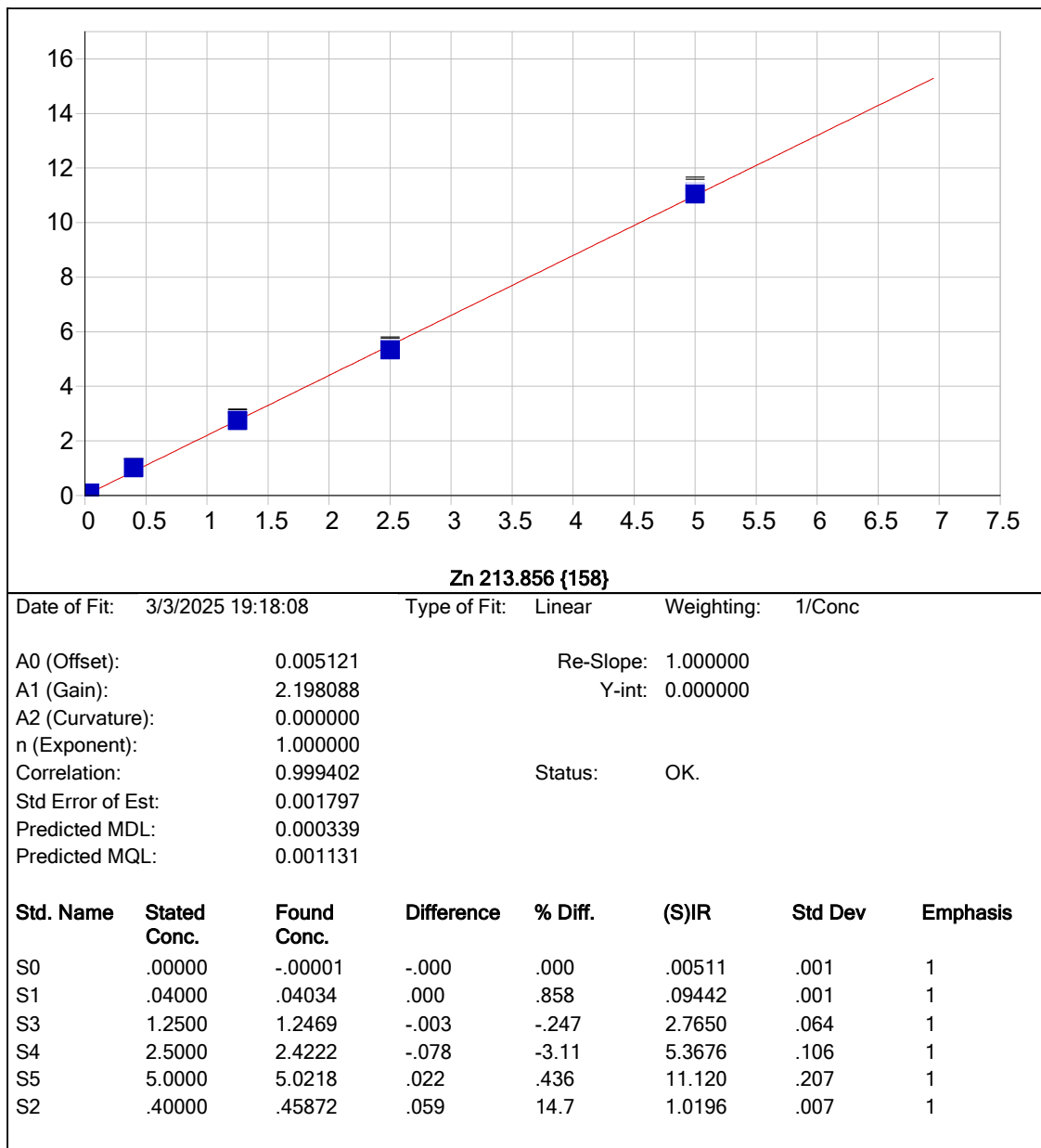
Date of Fit: 3/3/2025 19:18:08 Type of Fit: Linear Weighting: 1/Conc

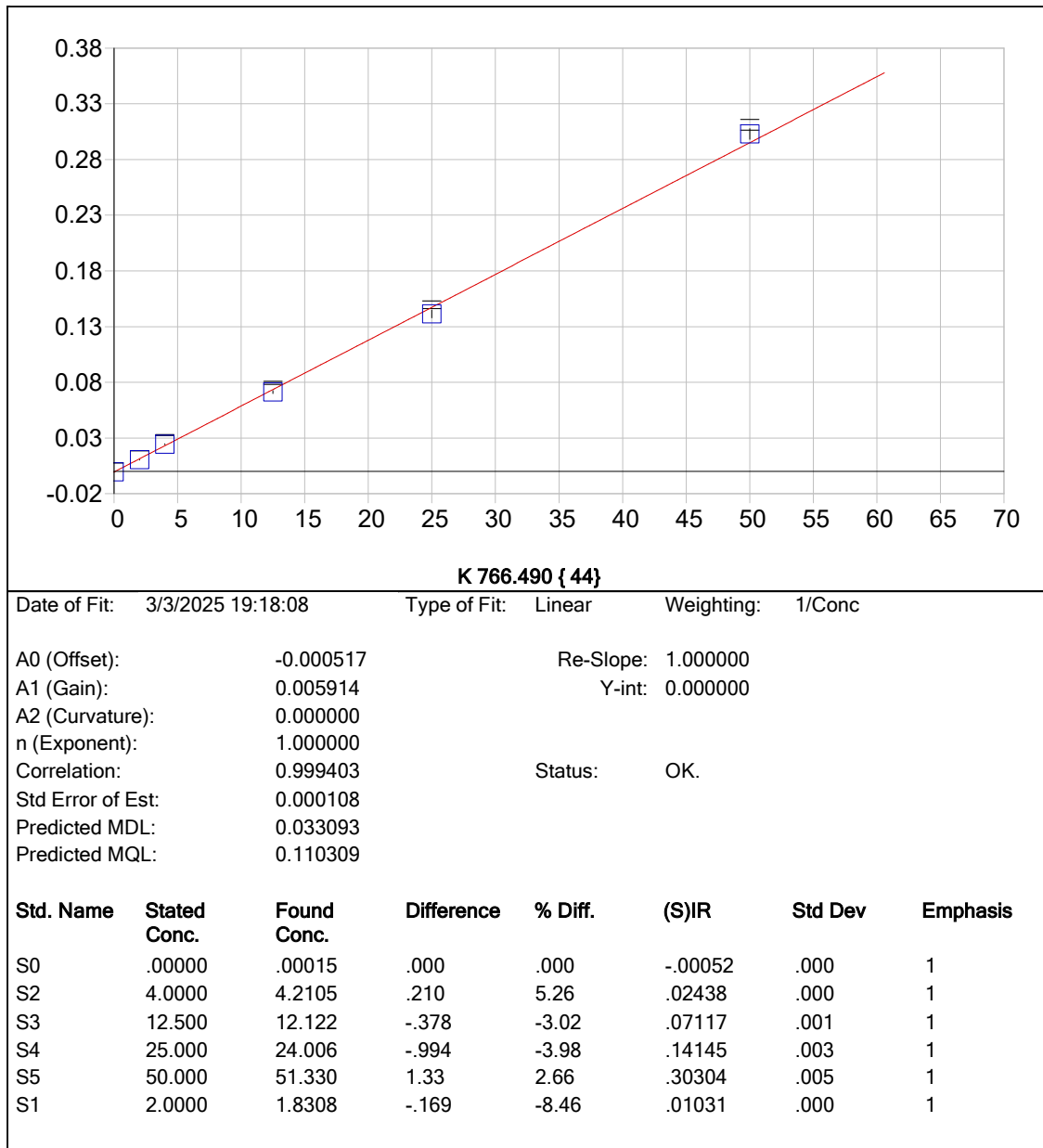
A0 (Offset): 0.001642 Re-Slope: 1.000000  
A1 (Gain): 0.020406 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999485 Status: OK.  
Std Error of Est: 0.000347  
Predicted MDL: 0.009570  
Predicted MQL: 0.031900

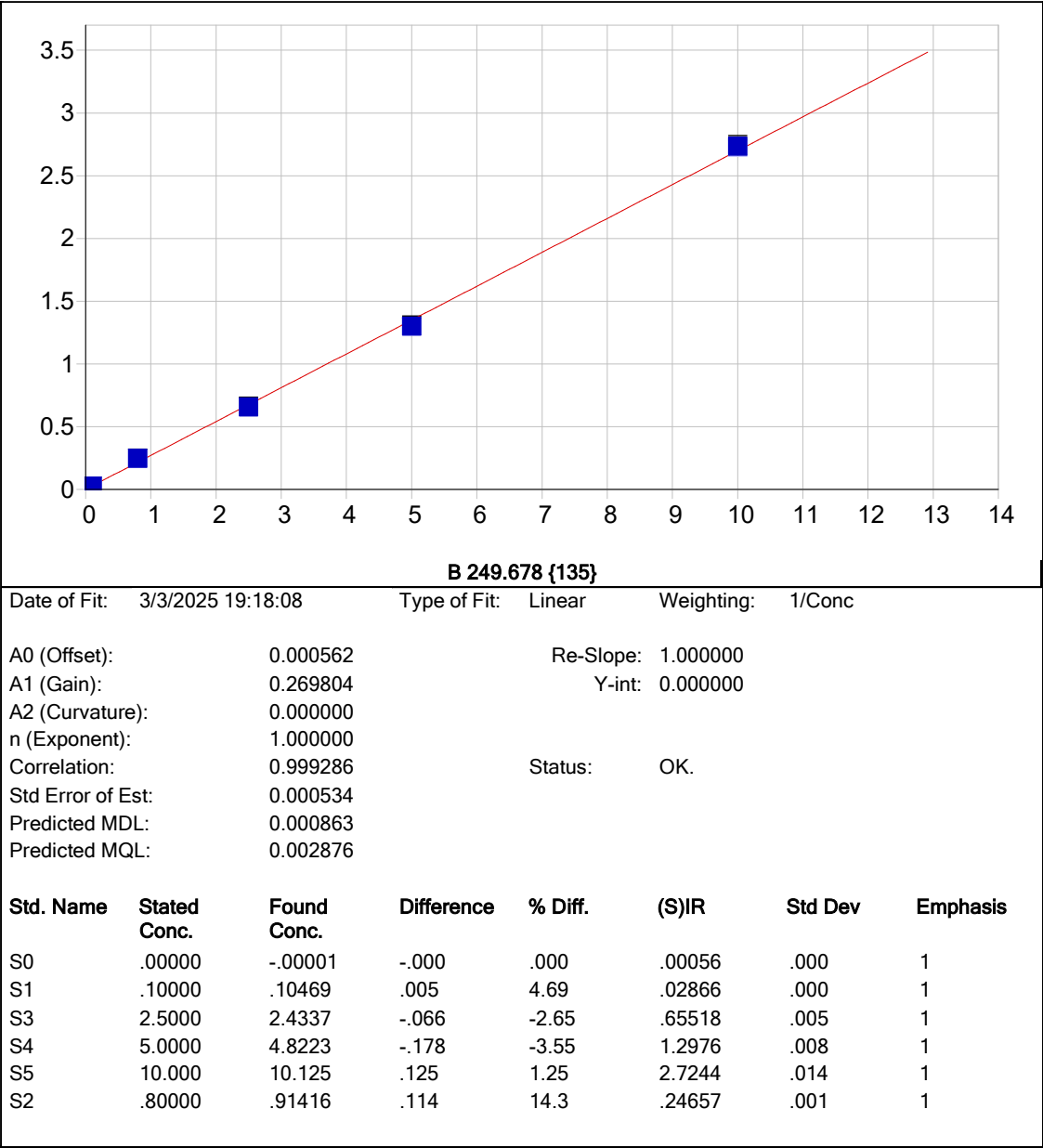
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00011      | .000       | .000    | .00164 | .000    | 1        |
| S2        | 4.0000       | 4.2454      | .245       | 6.14    | .08828 | .001    | 1        |
| S3        | 12.500       | 12.185      | -.315      | -2.52   | .25029 | .005    | 1        |
| S4        | 25.000       | 24.066      | -.934      | -3.74   | .49274 | .012    | 1        |
| S5        | 50.000       | 51.157      | 1.16       | 2.31    | 1.0456 | .017    | 1        |
| S1        | 2.0000       | 1.8470      | -.153      | -7.65   | .03933 | .001    | 1        |

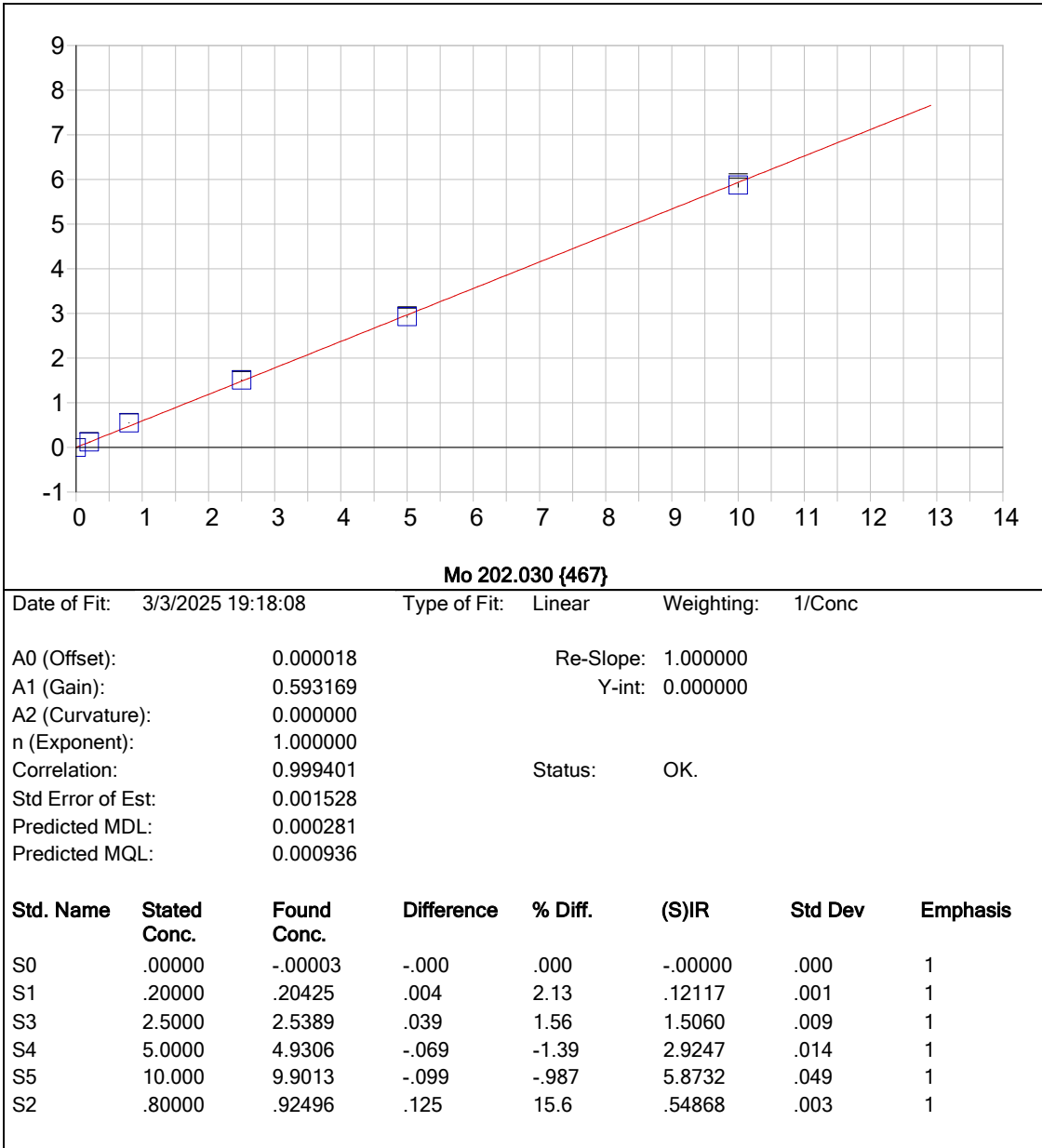


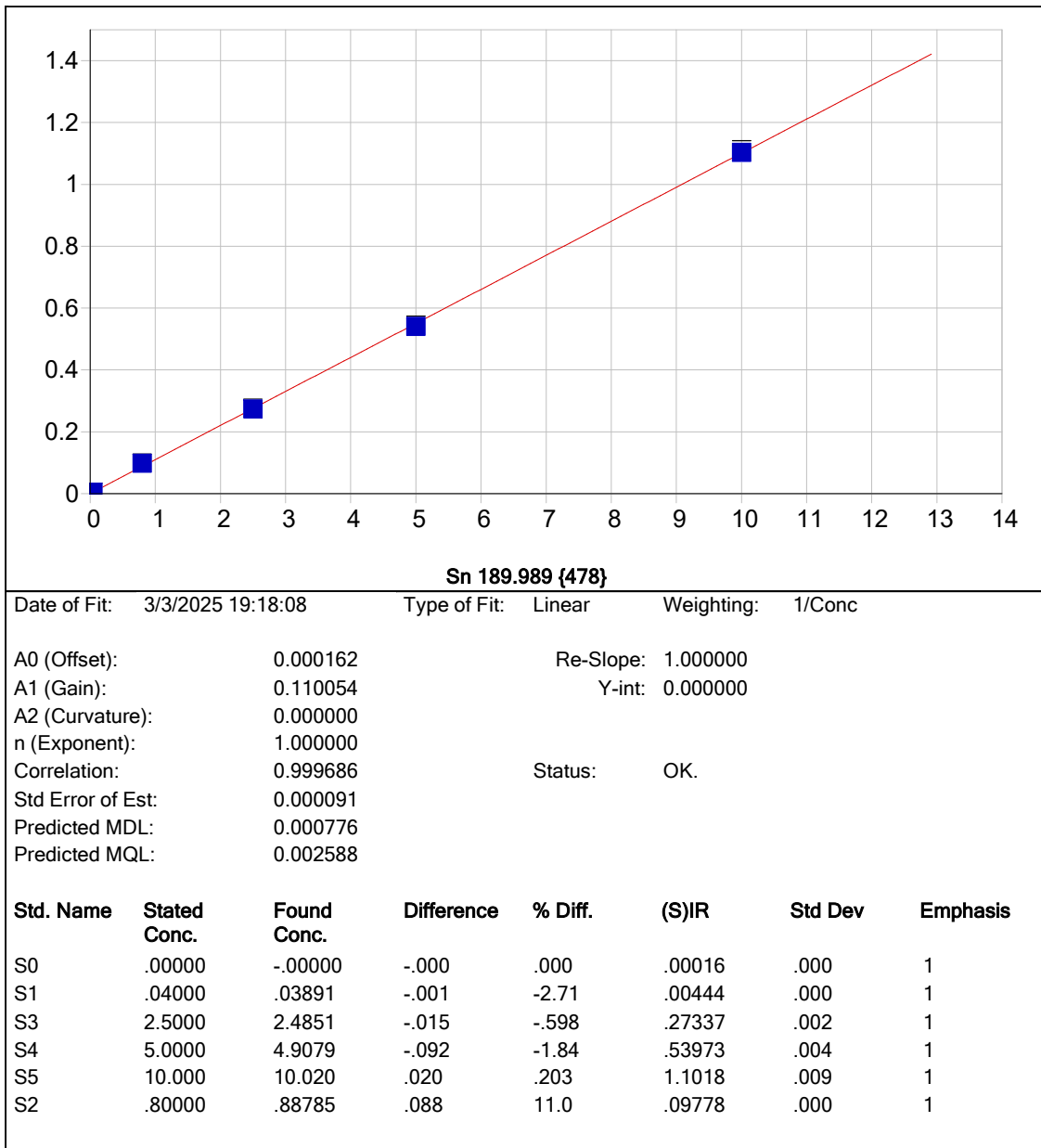








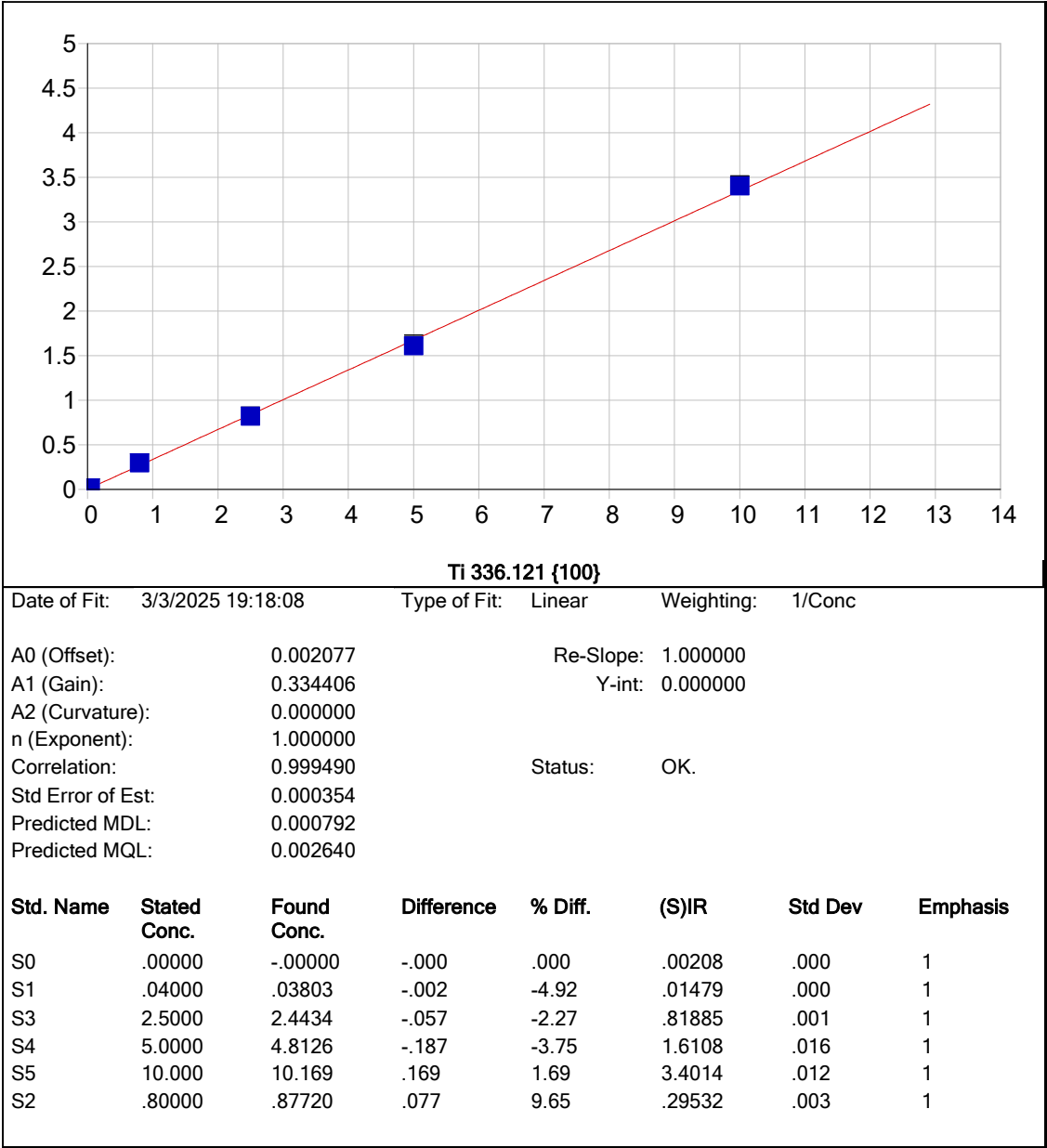


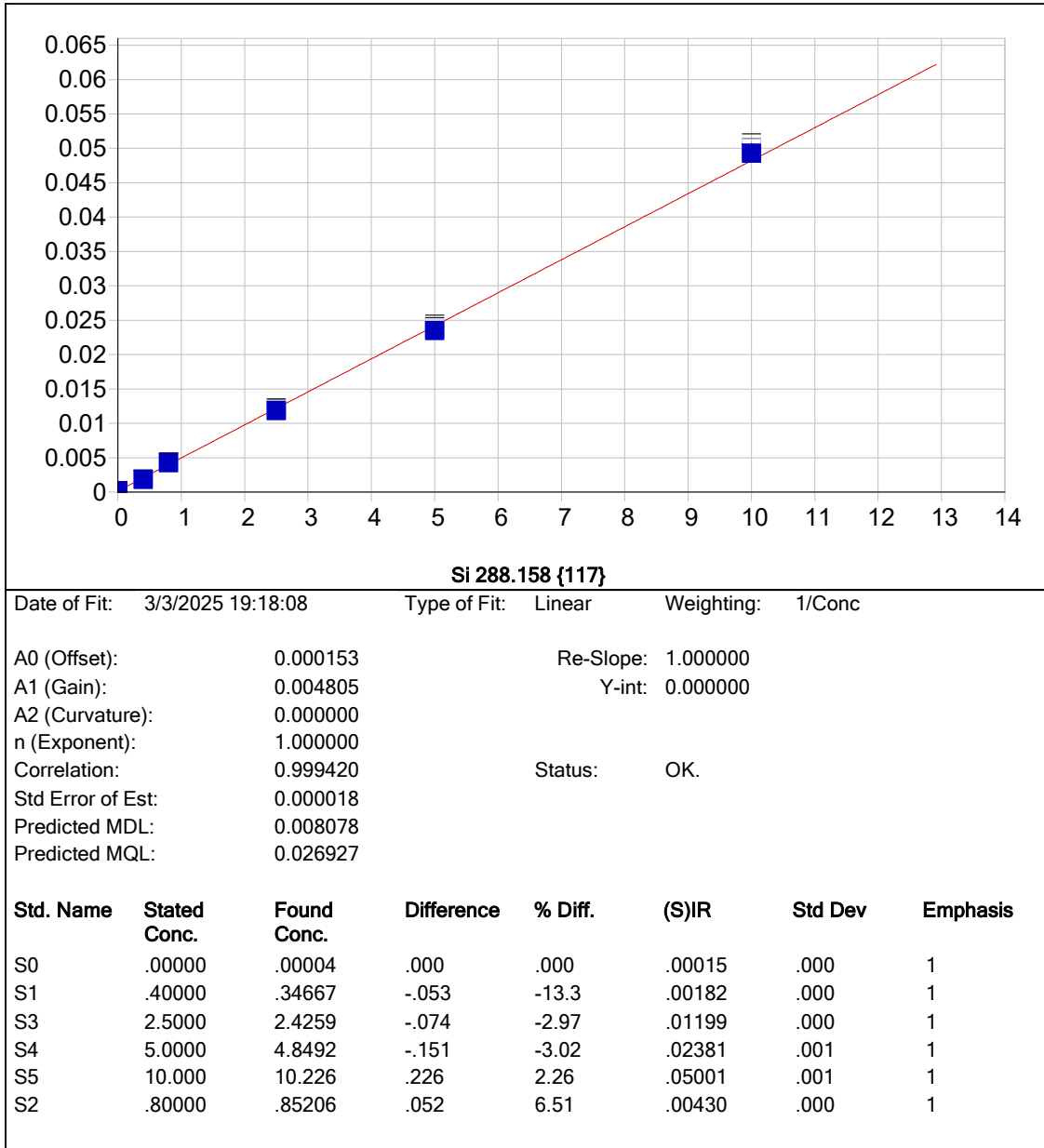


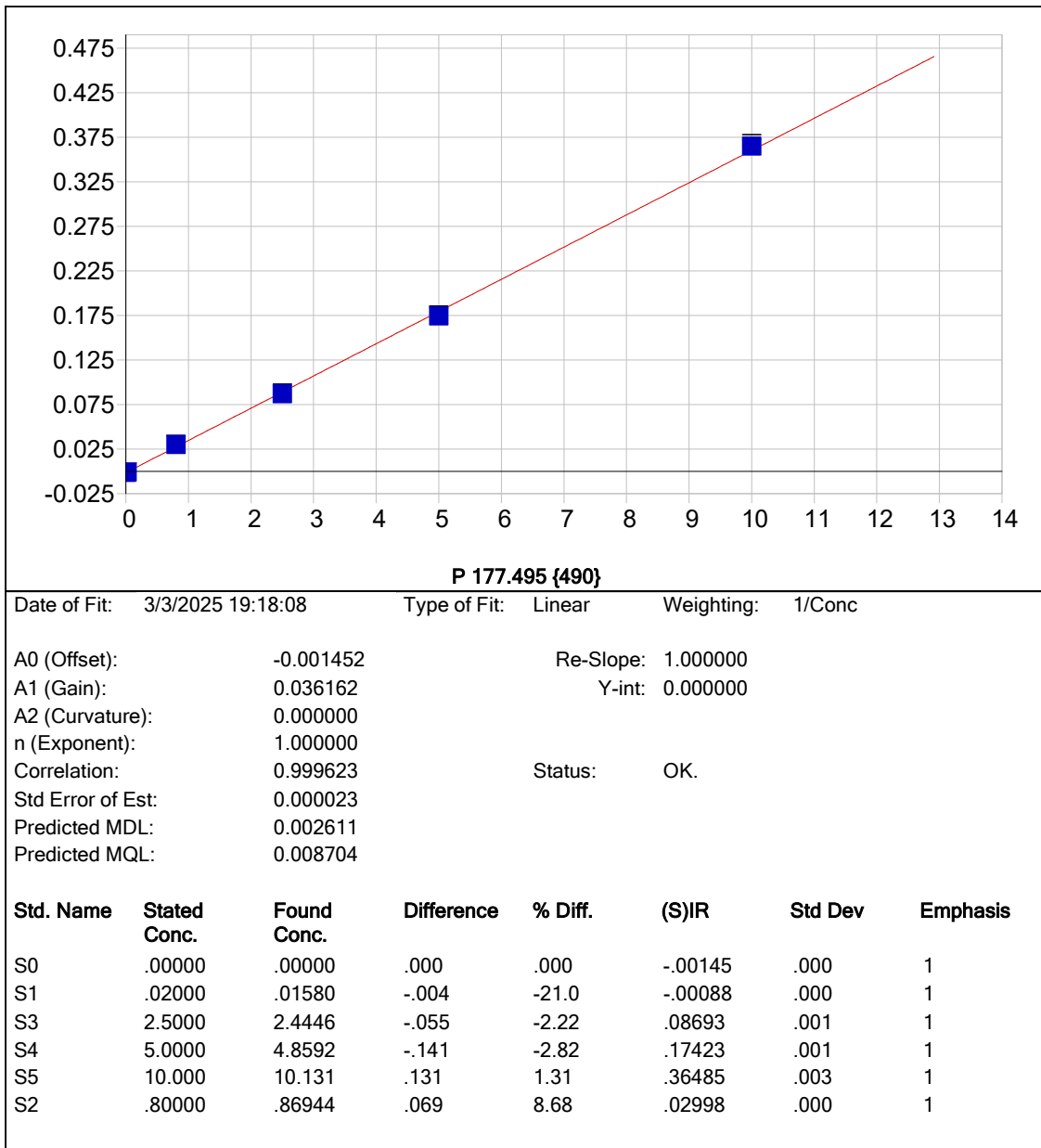
Date of Fit: 3/3/2025 19:18:08      Type of Fit: Linear      Weighting: 1/Conc

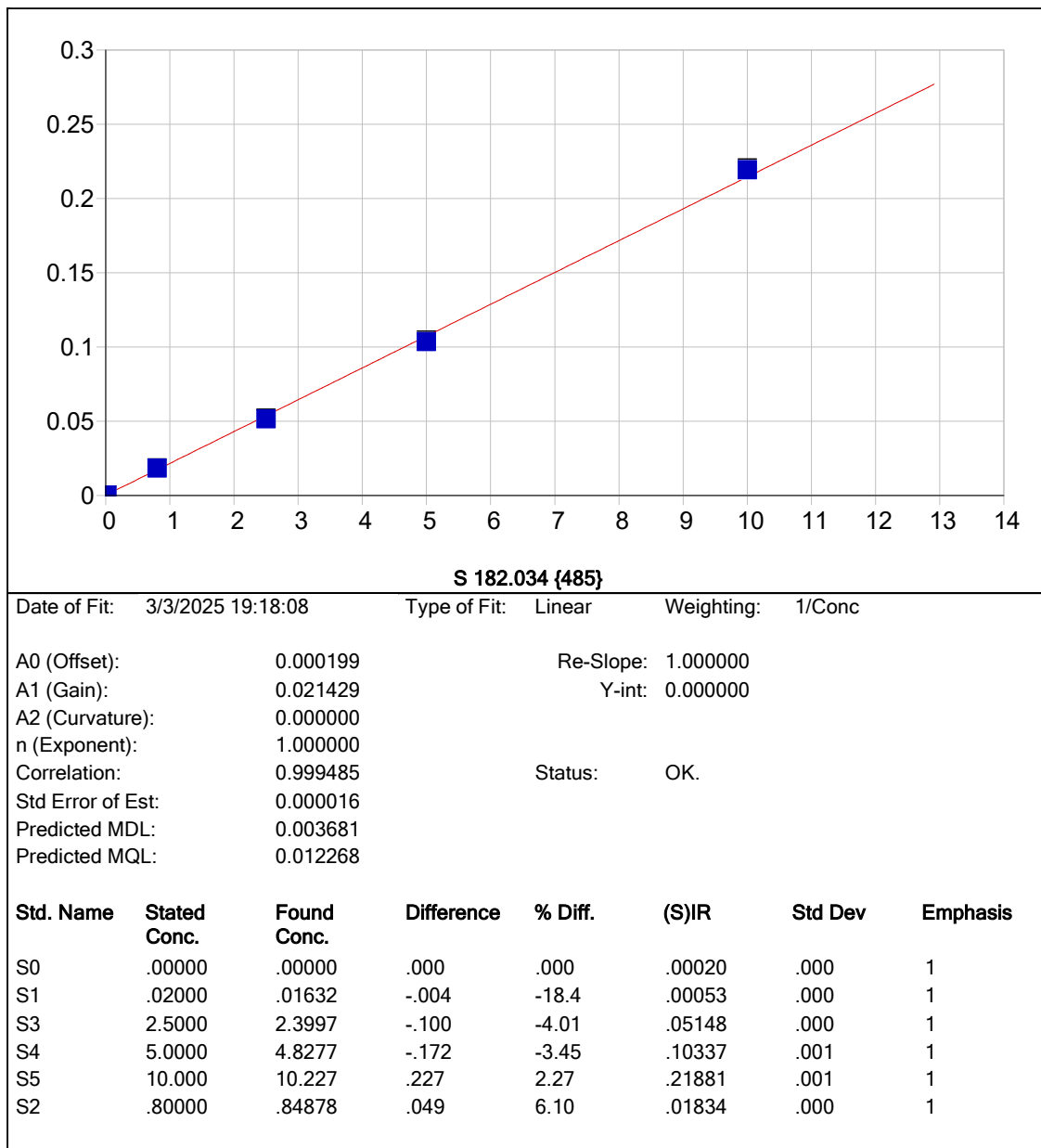
A0 (Offset): 0.000162      Re-Slope: 1.000000  
A1 (Gain): 0.110054      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999686      Status: OK.  
Std Error of Est: 0.000091  
Predicted MDL: 0.000776  
Predicted MQL: 0.002588

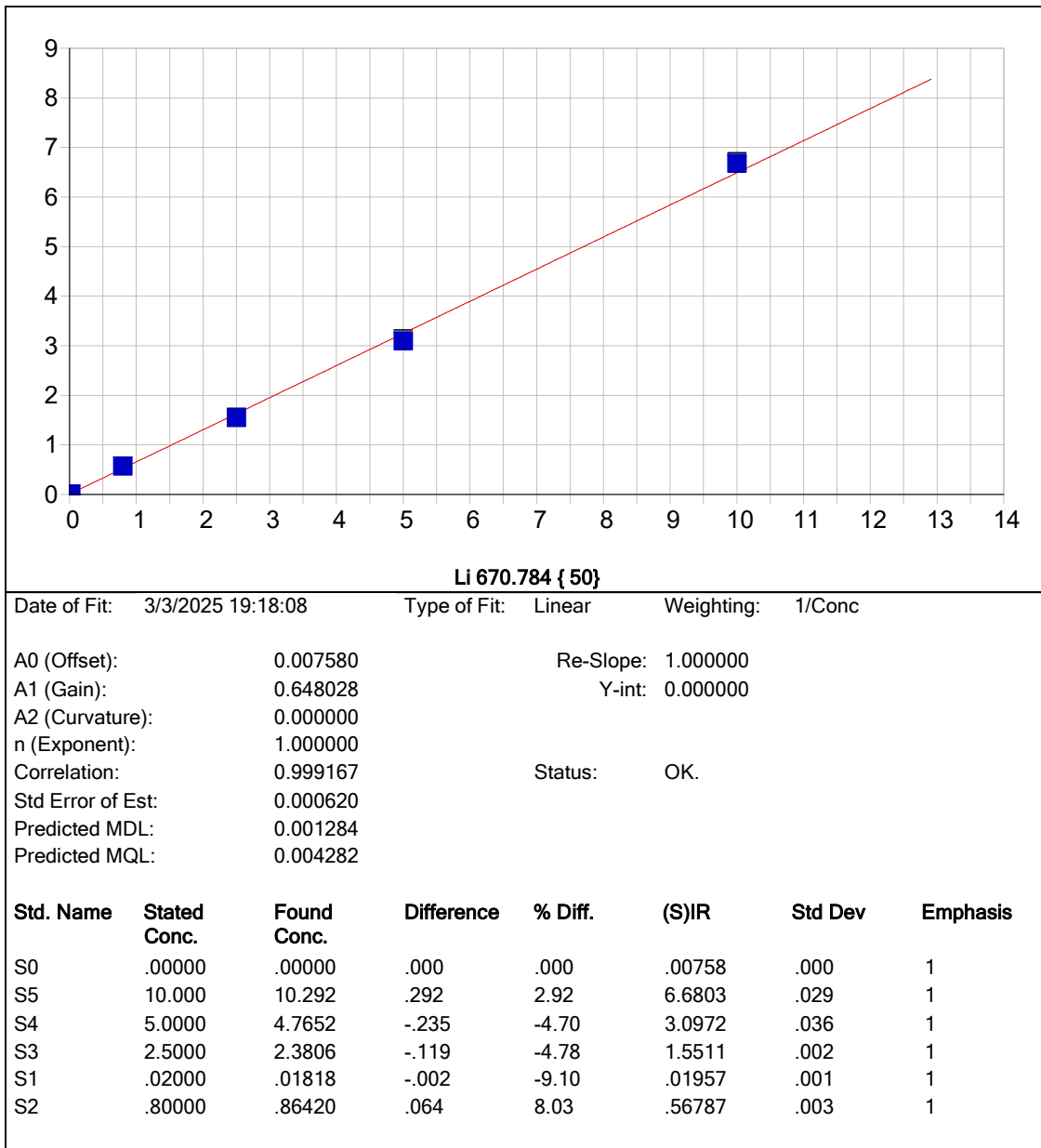


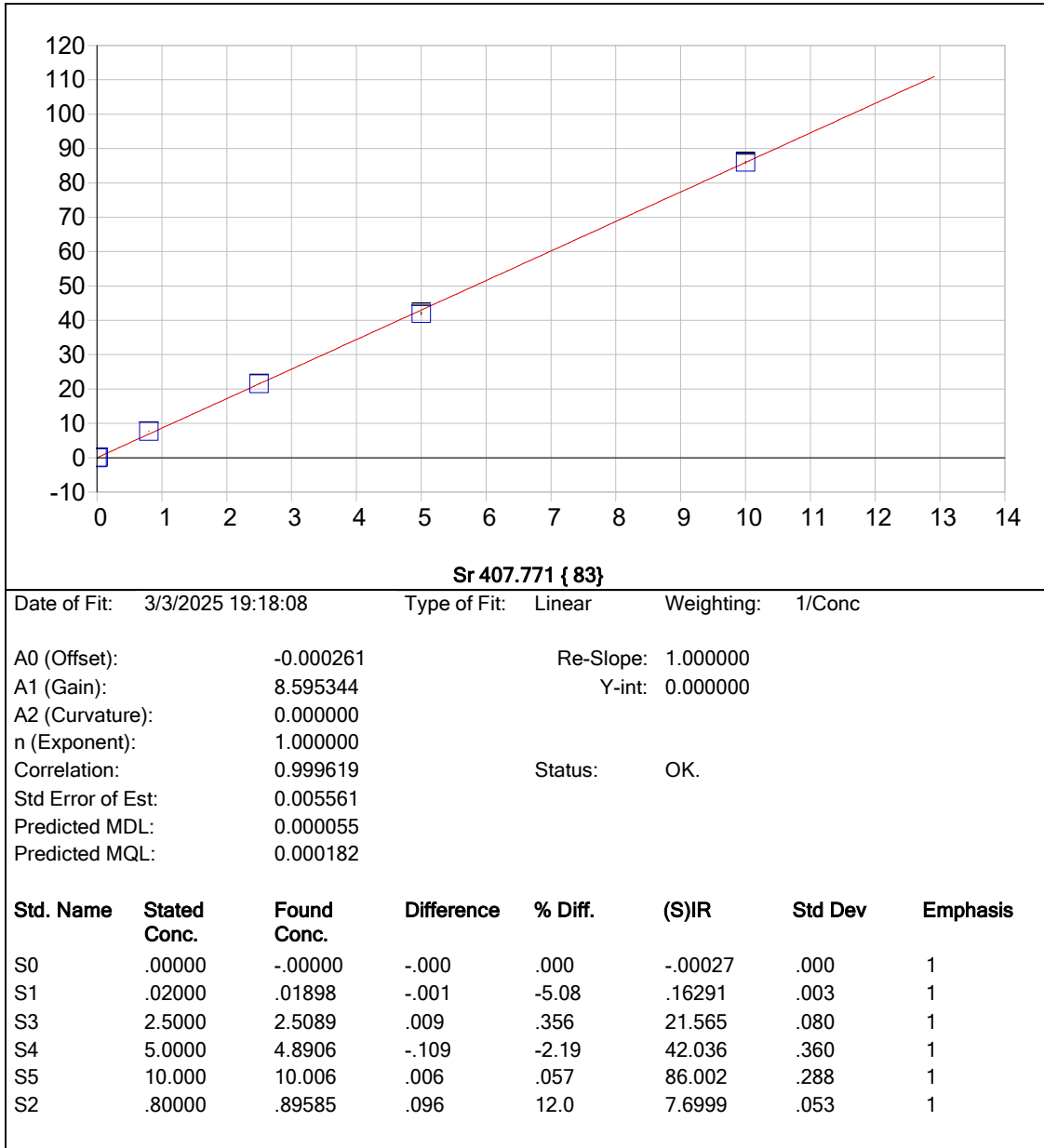


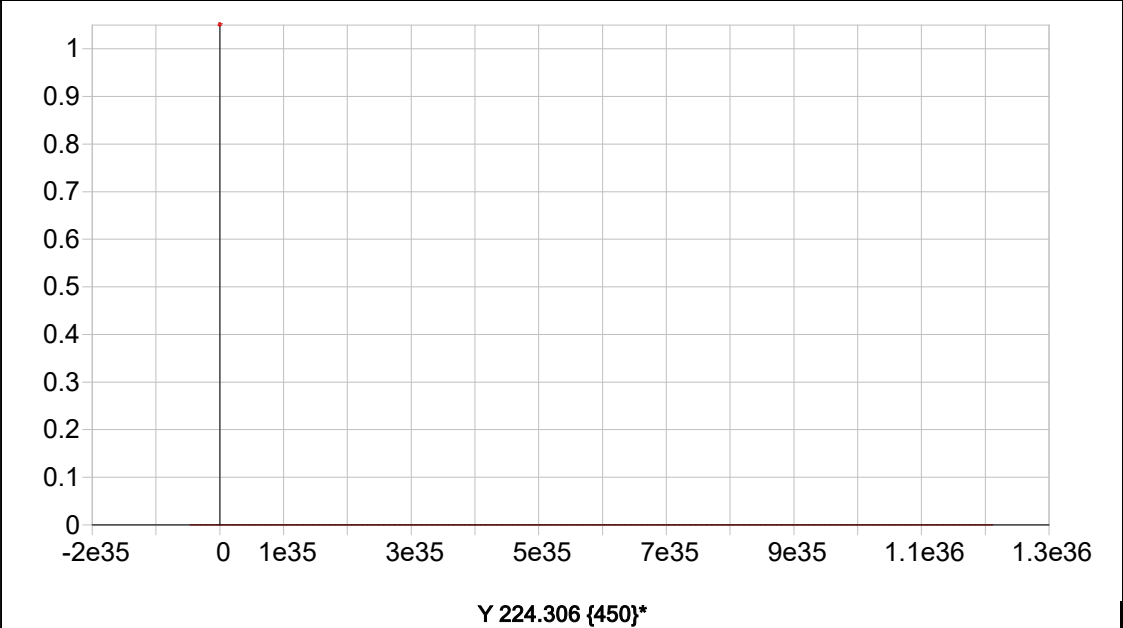








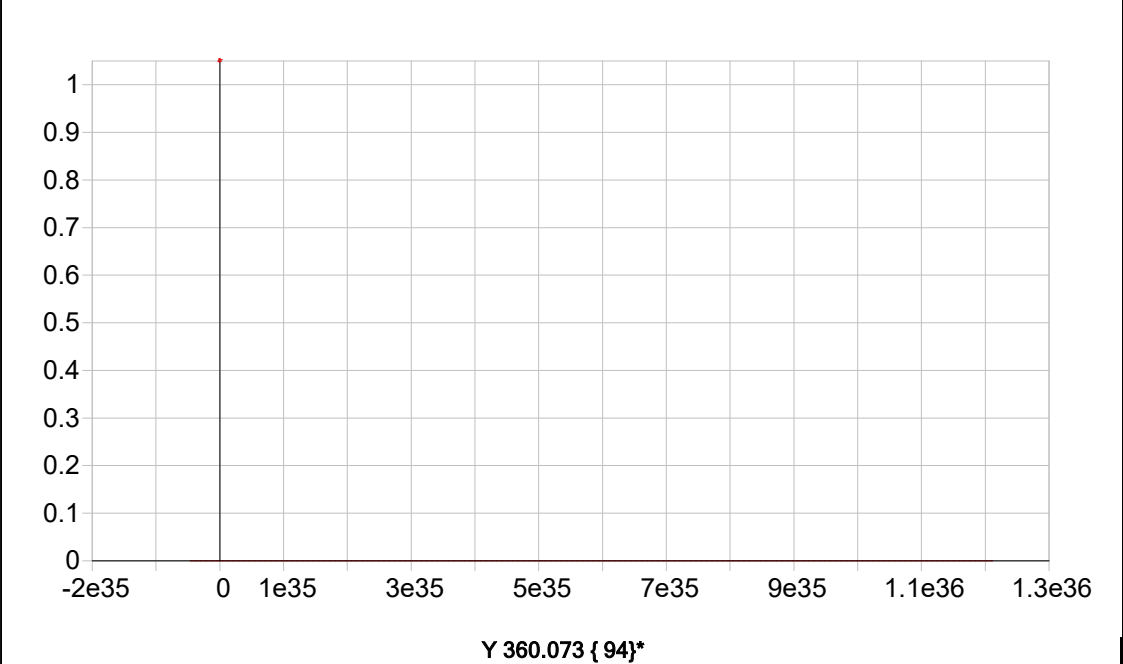




Date of Fit: 3/3/2025 19:18:08      Type of Fit: Linear      Weighting: 1/Conc

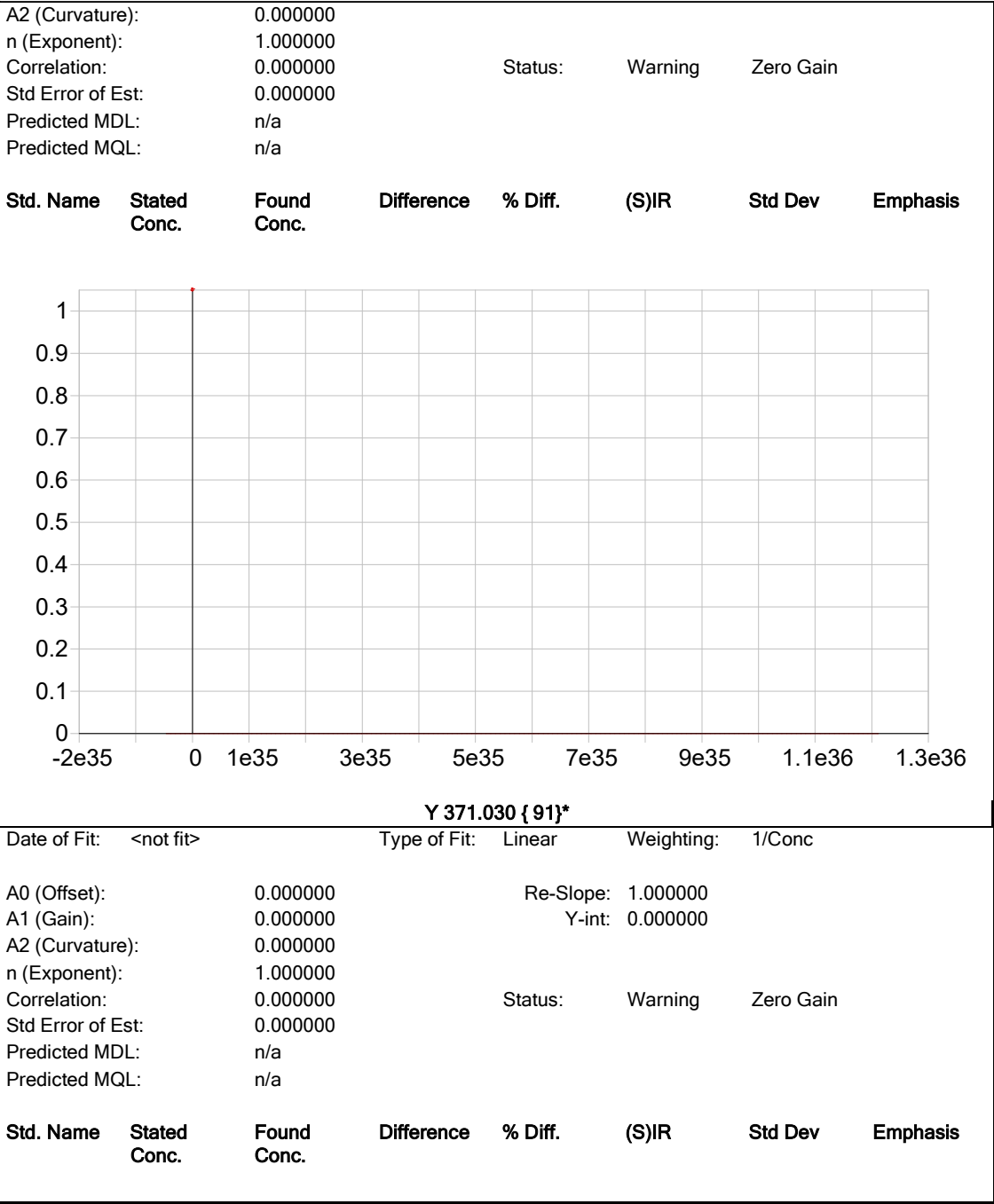
|                   |          |           |                        |
|-------------------|----------|-----------|------------------------|
| A0 (Offset):      | 0.000000 | Re-Slope: | 1.000000               |
| A1 (Gain):        | 0.000000 | Y-int:    | 0.000000               |
| A2 (Curvature):   |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

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

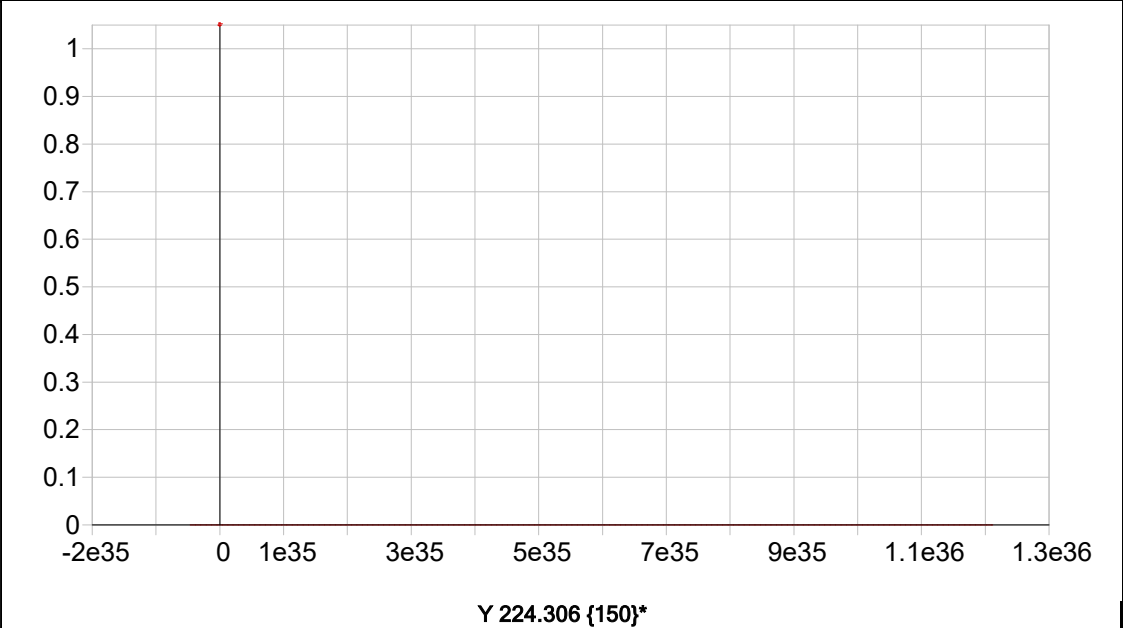


Date of Fit: <not fit>      Type of Fit: Linear      Weighting: 1/Conc

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

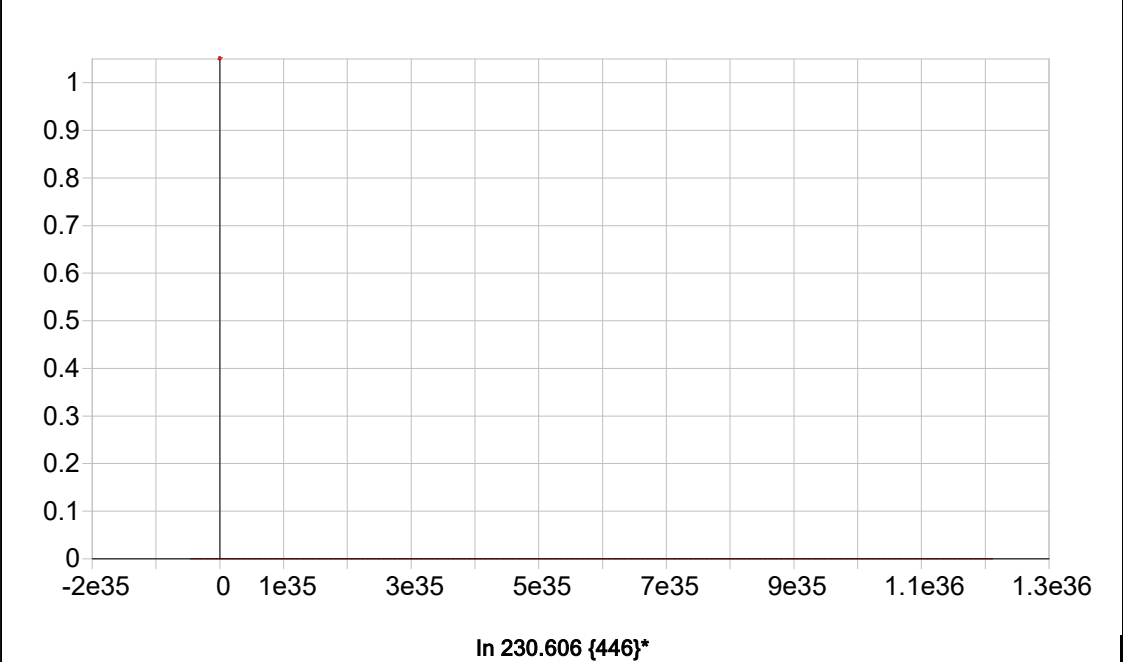






| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |              | Y-int:    | 0.000000   |           |
| A2 (Curvature):   | 0.000000  |              |           |            |           |
| n (Exponent):     | 1.000000  |              |           |            |           |
| Correlation:      | 0.000000  |              | Status:   | Warning    | Zero Gain |
| Std Error of Est: | 0.000000  |              |           |            |           |
| Predicted MDL:    | n/a       |              |           |            |           |
| Predicted MQL:    | n/a       |              |           |            |           |

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



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

|                   |              |             |            |         |         |           |          |
|-------------------|--------------|-------------|------------|---------|---------|-----------|----------|
| A2 (Curvature):   |              | 0.000000    |            | 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: 3/3/2025 18:26:52      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | -.00012 | -.00008 | .00002  | .00026  | .00038  | .00067  | .03249  | -.00003 |
| Stddev | .00005  | .00009  | .00009  | .00021  | .00006  | .00031  | .00171  | .00011  |
| %RSD   | 40.282  | 111.28  | 440.10  | 79.221  | 15.965  | 47.267  | 5.2513  | 428.64  |
| #1     | -.00017 | -.00009 | .00009  | .00013  | .00041  | .00102  | .03057  | -.00003 |
| #2     | -.00010 | .00001  | -.00008 | .00016  | .00042  | .00041  | .03307  | -.00013 |
| #3     | -.00008 | -.00017 | .00006  | .00051  | .00031  | .00058  | .03383  | .00009  |
| 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    | -.00002 | .00082  | .00007  | -.00008 | -.00073 | -.00003 | -.00000 | -.00027 |
| Stddev | .00009  | .00020  | .00003  | .00006  | .00020  | .00003  | .00004  | .00009  |
| %RSD   | 408.75  | 24.064  | 53.213  | 71.301  | 27.816  | 125.14  | 3735.3  | 33.788  |
| #1     | -.00007 | .00059  | .00003  | -.00015 | -.00065 | -.00005 | -.00003 | -.00016 |
| #2     | -.00008 | .00093  | .00008  | -.00004 | -.00057 | .00001  | .00005  | -.00032 |
| #3     | .00008  | .00093  | .00009  | -.00006 | -.00095 | -.00004 | -.00003 | -.00032 |
| 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    | .00002  | -.00101 | .00164  | .00007  | .00511  | -.00052 | .00056  | -.00000 |
| Stddev | .00017  | .00007  | .00004  | .00011  | .00114  | .00019  | .00016  | .00014  |
| %RSD   | 675.07  | 7.2598  | 2.4711  | 151.73  | 22.225  | 36.387  | 28.232  | 6594.5  |
| #1     | .00001  | -.00096 | .00160  | .00021  | .00396  | -.00067 | .00038  | -.00011 |
| #2     | .00020  | -.00109 | .00167  | .00000  | .00623  | -.00057 | .00068  | -.00005 |
| #3     | -.00013 | -.00097 | .00166  | .00002  | .00514  | -.00031 | .00061  | .00015  |
| Elem   | Sn1899  | Ti3361  | Si2881  | P_1774  | S_1820  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00016  | .00208  | .00015  | -.00145 | .00020  | .00758  | -.00027 |         |
| Stddev | .00002  | .00017  | .00002  | .00006  | .00008  | .00034  | .00015  |         |
| %RSD   | 14.235  | 8.1456  | 13.385  | 4.0721  | 40.200  | 4.4732  | 54.435  |         |
| #1     | .00016  | .00217  | .00014  | -.00149 | .00027  | .00781  | -.00019 |         |
| #2     | .00019  | .00188  | .00018  | -.00148 | .00011  | .00774  | -.00018 |         |
| #3     | .00014  | .00218  | .00014  | -.00138 | .00022  | .00719  | -.00044 |         |

Sample Name: S0      Acquired: 3/3/2025 18:26:52      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3641.1 | 79618. | 14877. | 2375.7 | 5306.5 |
| Stddev    | 48.1   | 1035.  | 169.   | 29.5   | 72.7   |
| %RSD      | 1.3204 | 1.2996 | 1.1342 | 1.2435 | 1.3705 |
| #1        | 3621.9 | 79626. | 14801. | 2374.6 | 5278.9 |
| #2        | 3605.5 | 78580. | 14759. | 2346.7 | 5251.6 |
| #3        | 3695.8 | 80649. | 15070. | 2405.7 | 5389.0 |

Sample Name: S1      Acquired: 3/3/2025 18:31:17      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | .00083 | .00237 | .00185 | .00116  | .00626 | .01049 | .20534 | .02090 |
| Stddev | .00001 | .00012 | .00011 | .00012  | .00016 | .00061 | .00194 | .00015 |
| %RSD   | .86203 | 4.8630 | 6.1553 | 9.9714  | 2.6271 | 5.8373 | .94613 | .73784 |
| #1     | .00083 | .00231 | .00183 | .00103  | .00630 | .01038 | .20339 | .02072 |
| #2     | .00083 | .00230 | .00174 | .00122  | .00639 | .01115 | .20728 | .02102 |
| #3     | .00082 | .00251 | .00197 | .00123  | .00607 | .00994 | .20535 | .02095 |
| 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    | .01260 | .09719 | .00156 | .02262  | .01222 | .00036 | .00835 | .02556 |
| Stddev | .00019 | .00151 | .00004 | .00032  | .00018 | .00001 | .00029 | .00040 |
| %RSD   | 1.5031 | 1.5582 | 2.6918 | 1.4279  | 1.4687 | 2.9244 | 3.4446 | 1.5752 |
| #1     | .01278 | .09554 | .00151 | .02277  | .01230 | .00037 | .00812 | .02519 |
| #2     | .01261 | .09851 | .00159 | .02284  | .01236 | .00037 | .00868 | .02599 |
| #3     | .01240 | .09753 | .00158 | .02225  | .01202 | .00035 | .00826 | .02550 |
| 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    | .02397 | .00125 | .03933 | .00420  | .09442 | .01031 | .02866 | .12117 |
| Stddev | .00028 | .00007 | .00056 | .00017  | .00073 | .00015 | .00048 | .00128 |
| %RSD   | 1.1803 | 5.6367 | 1.4130 | 4.1230  | .76862 | 1.4632 | 1.6701 | 1.0597 |
| #1     | .02395 | .00117 | .03869 | .00404  | .09365 | .01031 | .02811 | .12184 |
| #2     | .02426 | .00126 | .03964 | .00438  | .09450 | .01016 | .02889 | .12199 |
| #3     | .02370 | .00131 | .03967 | .00416  | .09509 | .01046 | .02899 | .11969 |
| 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    | .00444 | .01479 | .00182 | -.00088 | .00053 | .01957 | .16291 |        |
| Stddev | .00010 | .00018 | .00003 | .00012  | .00008 | .00064 | .00280 |        |
| %RSD   | 2.3023 | 1.1907 | 1.7616 | 13.850  | 15.284 | 3.2719 | 1.7161 |        |
| #1     | .00440 | .01459 | .00179 | -.00077 | .00053 | .02017 | .16010 |        |
| #2     | .00456 | .01484 | .00185 | -.00087 | .00061 | .01964 | .16569 |        |
| #3     | .00436 | .01493 | .00183 | -.00101 | .00045 | .01890 | .16293 |        |

Sample Name: S1      Acquired: 3/3/2025 18:31:17      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3656.5 | 80744. | 14704. | 2460.9 | 5223.5 |
| Stddev    | 41.6   | 459.   | 161.   | 13.7   | 60.6   |
| %RSD      | 1.1384 | .56862 | 1.0979 | .55537 | 1.1597 |
| #1        | 3640.3 | 81239. | 14890. | 2466.4 | 5196.1 |
| #2        | 3625.4 | 80661. | 14612. | 2471.0 | 5181.4 |
| #3        | 3703.8 | 80332. | 14610. | 2445.4 | 5292.9 |

Sample Name: S2      Acquired: 3/3/2025 18:35:36      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | .04008 | .05498 | .16517 | .04504 | .10625 | .16497 | 3.2844 | .16092 |
| Stddev | .00019 | .00015 | .00091 | .00041 | .00090 | .00072 | .0205  | .00105 |
| %RSD   | .46559 | .26500 | .54929 | .90619 | .84392 | .43761 | .62541 | .65496 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03986 | .05503 | .16445 | .04468 | .10537 | .16459 | 3.2926 | .16066 |
| #2 | .04017 | .05481 | .16488 | .04496 | .10623 | .16581 | 3.2996 | .16208 |
| #3 | .04020 | .05509 | .16619 | .04549 | .10716 | .16452 | 3.2610 | .16002 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .95783 | .21868 | .02806 | .34679 | .13494 | .00358 | .18803 | .05404 |
| Stddev | .00318 | .00241 | .00024 | .00154 | .00054 | .00004 | .00148 | .00095 |
| %RSD   | .33206 | 1.1039 | .83813 | .44295 | .39673 | 1.2166 | .78495 | 1.7651 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .95543 | .21837 | .02795 | .34579 | .13437 | .00354 | .18871 | .05382 |
| #2 | .95662 | .22124 | .02789 | .34601 | .13500 | .00358 | .18905 | .05509 |
| #3 | .96144 | .21644 | .02832 | .34856 | .13544 | .00363 | .18634 | .05322 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .27596 | .05174 | .08828 | .04895 | 1.0196 | .02438 | .24657 | .54868 |
| Stddev | .00111 | .00059 | .00055 | .00031 | .0068  | .00042 | .00074 | .00276 |
| %RSD   | .40282 | 1.1347 | .62003 | .63831 | .66993 | 1.7125 | .29875 | .50265 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .27512 | .05154 | .08791 | .04875 | 1.0155 | .02417 | .24660 | .54587 |
| #2 | .27553 | .05127 | .08801 | .04931 | 1.0157 | .02412 | .24729 | .54878 |
| #3 | .27722 | .05240 | .08891 | .04878 | 1.0274 | .02486 | .24582 | .55139 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .09778 | .29532 | .00430 | .02998 | .01834 | .56787 | 7.6999 |  |
| Stddev | .00027 | .00270 | .00006 | .00009 | .00012 | .00325 | .0534  |  |
| %RSD   | .27351 | .91362 | 1.3819 | .30953 | .64666 | .57166 | .69355 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .09757 | .29552 | .00425 | .02991 | .01822 | .56877 | 7.7144 |  |
| #2 | .09770 | .29792 | .00430 | .02996 | .01846 | .57056 | 7.7445 |  |
| #3 | .09808 | .29253 | .00436 | .03009 | .01834 | .56426 | 7.6407 |  |

Sample Name: S2      Acquired: 3/3/2025 18:35:36      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3626.0 | 79330. | 14523. | 2434.7 | 5080.8 |
| Stddev    | 18.0   | 377.   | 133.   | 18.6   | 21.0   |
| %RSD      | .49519 | .47470 | .91413 | .76255 | .41330 |
| #1        | 3641.1 | 79446. | 14500. | 2450.9 | 5096.7 |
| #2        | 3630.8 | 79636. | 14403. | 2438.8 | 5088.7 |
| #3        | 3606.2 | 78910. | 14665. | 2414.5 | 5057.0 |



Sample Name: S3      Acquired: 3/3/2025 18:39:39      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | .11164 | .15312 | .45941 | .12469 | .29378 | .45502 | 9.1891 | .42643 |
| Stddev | .00087 | .00043 | .00356 | .00073 | .00234 | .00089 | .0179  | .00237 |
| %RSD   | .77505 | .28150 | .77484 | .58655 | .79714 | .19560 | .19475 | .55578 |
| #1     | .11181 | .15272 | .46123 | .12496 | .29525 | .45542 | 9.1687 | .42631 |
| #2     | .11071 | .15358 | .45531 | .12387 | .29108 | .45400 | 9.1961 | .42412 |
| #3     | .11241 | .15305 | .46170 | .12526 | .29502 | .45565 | 9.2023 | .42885 |
| 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    | 2.6685 | .60758 | .07678 | .95997 | .37801 | .01012 | .51313 | .15012 |
| Stddev | .0198  | .00107 | .00174 | .00768 | .00218 | .00018 | .00084 | .00084 |
| %RSD   | .74249 | .17546 | 2.2624 | .79994 | .57757 | 1.8087 | .16412 | .55747 |
| #1     | 2.6838 | .60864 | .07848 | .96580 | .37897 | .01029 | .51224 | .15105 |
| #2     | 2.6461 | .60651 | .07500 | .95127 | .37551 | .00992 | .51325 | .14941 |
| #3     | 2.6755 | .60758 | .07686 | .96283 | .37954 | .01013 | .51391 | .14990 |
| 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    | .76433 | .14129 | .25029 | .13680 | 2.7650 | .07117 | .65518 | 1.5060 |
| Stddev | .00527 | .00280 | .00514 | .00030 | .0644  | .00127 | .00507 | .0095  |
| %RSD   | .69008 | 1.9783 | 2.0549 | .22067 | 2.3298 | 1.7864 | .77358 | .62762 |
| #1     | .76796 | .14401 | .25576 | .13692 | 2.8248 | .07240 | .65207 | 1.5125 |
| #2     | .75828 | .13842 | .24556 | .13703 | 2.6968 | .06986 | .65245 | 1.4952 |
| #3     | .76676 | .14143 | .24955 | .13646 | 2.7735 | .07126 | .66103 | 1.5104 |
| 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    | .27337 | .81885 | .01199 | .08693 | .05148 | 1.5511 | 21.565 |        |
| Stddev | .00205 | .00118 | .00021 | .00063 | .00032 | .0020  | .080   |        |
| %RSD   | .75055 | .14389 | 1.7929 | .72097 | .61874 | .13088 | .36952 |        |
| #1     | .27460 | .81967 | .01221 | .08755 | .05155 | 1.5494 | 21.640 |        |
| #2     | .27100 | .81750 | .01178 | .08630 | .05113 | 1.5505 | 21.573 |        |
| #3     | .27451 | .81939 | .01197 | .08695 | .05176 | 1.5533 | 21.481 |        |

Sample Name: S3      Acquired: 3/3/2025 18:39:39      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3589.1 | 78586. | 14917. | 2379.0 | 4930.7 |
| Stddev    | 19.9   | 1625.  | 29.    | 54.3   | 30.1   |
| %RSD      | .55551 | 2.0673 | .19504 | 2.2837 | .61045 |
| #1        | 3572.7 | 76908. | 14906. | 2321.9 | 4905.2 |
| #2        | 3611.3 | 80151. | 14950. | 2430.0 | 4963.9 |
| #3        | 3583.3 | 78700. | 14895. | 2385.2 | 4922.9 |

Sample Name: S4      Acquired: 3/3/2025 18:43:46      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | .21992 | .29622 | .90083 | .24531 | .57763 | .90431 | 17.978 | .82806 |
| Stddev | .00112 | .00293 | .00650 | .00200 | .00356 | .00817 | .044   | .00560 |
| %RSD   | .51128 | .98880 | .72189 | .81439 | .61600 | .90372 | .24464 | .67663 |
| #1     | .21894 | .29284 | .89743 | .24326 | .57391 | .90100 | 17.992 | .82443 |
| #2     | .22115 | .29781 | .90833 | .24726 | .58100 | .89830 | 18.014 | .82524 |
| #3     | .21966 | .29802 | .89673 | .24540 | .57798 | .91361 | 17.929 | .83451 |
| Elem   | Cd2265 | Ca3736 | Cr2677 | Co2286 | Cu2247 | Fe2404 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 5.2883 | 1.1947 | .14879 | 1.8896 | .70846 | .01952 | 1.0044 | .29829 |
| Stddev | .0401  | .0103  | .00331 | .0152  | .00420 | .00047 | .0107  | .00263 |
| %RSD   | .75922 | .86289 | 2.2252 | .80246 | .59325 | 2.4238 | 1.0657 | .88233 |
| #1     | 5.2674 | 1.1894 | .14810 | 1.8813 | .70548 | .01922 | .99579 | .29617 |
| #2     | 5.3346 | 1.1880 | .14587 | 1.9071 | .71327 | .01928 | 1.0011 | .29747 |
| #3     | 5.2629 | 1.2065 | .15239 | 1.8804 | .70664 | .02007 | 1.0164 | .30123 |
| 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    | 1.5025 | .27615 | .49274 | .27106 | 5.3676 | .14145 | 1.2976 | 2.9247 |
| Stddev | .0117  | .00538 | .01201 | .00247 | .1055  | .00346 | .0076  | .0141  |
| %RSD   | .78114 | 1.9479 | 2.4383 | .91107 | 1.9655 | 2.4482 | .58272 | .48282 |
| #1     | 1.4963 | .27453 | .48917 | .26910 | 5.3374 | .14040 | 1.2934 | 2.9111 |
| #2     | 1.5161 | .27176 | .48292 | .27024 | 5.2805 | .13864 | 1.2932 | 2.9393 |
| #3     | 1.4952 | .28215 | .50614 | .27383 | 5.4849 | .14532 | 1.3064 | 2.9236 |
| 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    | .53973 | 1.6108 | .02381 | .17423 | .10337 | 3.0972 | 42.036 |        |
| Stddev | .00416 | .0160  | .00057 | .00119 | .00097 | .0356  | .360   |        |
| %RSD   | .77129 | .99165 | 2.3903 | .68562 | .93980 | 1.1497 | .85724 |        |
| #1     | .53757 | 1.6036 | .02358 | .17336 | .10234 | 3.0791 | 41.692 |        |
| #2     | .54453 | 1.5998 | .02340 | .17560 | .10428 | 3.0742 | 42.411 |        |
| #3     | .53709 | 1.6292 | .02446 | .17374 | .10350 | 3.1382 | 42.004 |        |

Sample Name: S4      Acquired: 3/3/2025 18:43:46      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3556.9 | 77799. | 14711. | 2338.5 | 4785.7 |
| Stddev    | 12.9   | 1353.  | 50.    | 40.6   | 27.6   |
| %RSD      | .36214 | 1.7387 | .33761 | 1.7343 | .57659 |
| #1        | 3566.1 | 78114. | 14742. | 2347.0 | 4799.1 |
| #2        | 3542.2 | 78966. | 14739. | 2374.2 | 4753.9 |
| #3        | 3562.5 | 76317. | 14654. | 2294.4 | 4804.0 |

Sample Name: S5      Acquired: 3/3/2025 18:47:57      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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    | .44854 | .60044 | 1.8330 | .49652 | 1.1713 | 1.9187 | 37.872 | 1.7408 |
| Stddev | .00312 | .00541 | .0170  | .00280 | .0083  | .0059  | .545   | .0080  |
| %RSD   | .69458 | .90041 | .92759 | .56328 | .71118 | .30546 | 1.4384 | .45959 |
| #1     | .44550 | .59554 | 1.8170 | .49364 | 1.1633 | 1.9119 | 37.264 | 1.7318 |
| #2     | .45172 | .59954 | 1.8508 | .49922 | 1.1799 | 1.9223 | 38.033 | 1.7472 |
| #3     | .44839 | .60624 | 1.8311 | .49670 | 1.1707 | 1.9218 | 38.317 | 1.7433 |
| 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    | 10.843 | 2.5005 | .30591 | 3.8892 | 1.4151 | .04056 | 2.1153 | .63105 |
| Stddev | .102   | .0057  | .00469 | .0374  | .0112  | .00069 | .0066  | .00144 |
| %RSD   | .94496 | .22834 | 1.5333 | .96254 | .79159 | 1.7087 | .31282 | .22849 |
| #1     | 10.745 | 2.4947 | .30447 | 3.8542 | 1.4035 | .04024 | 2.1078 | .63054 |
| #2     | 10.949 | 2.5009 | .31116 | 3.9286 | 1.4258 | .04135 | 2.1178 | .62993 |
| #3     | 10.835 | 2.5061 | .30212 | 3.8848 | 1.4160 | .04009 | 2.1203 | .63268 |
| 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    | 3.0662 | .57705 | 1.0456 | .57161 | 11.120 | .30304 | 2.7244 | 5.8732 |
| Stddev | .0277  | .00952 | .0173  | .00241 | .207   | .00481 | .0143  | .0486  |
| %RSD   | .90460 | 1.6490 | 1.6543 | .42233 | 1.8637 | 1.5871 | .52517 | .82677 |
| #1     | 3.0410 | .57262 | 1.0401 | .56883 | 11.031 | .30156 | 2.7080 | 5.8224 |
| #2     | 3.0959 | .58798 | 1.0649 | .57285 | 11.357 | .30842 | 2.7311 | 5.9192 |
| #3     | 3.0618 | .57056 | 1.0317 | .57315 | 10.972 | .29915 | 2.7341 | 5.8779 |
| 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    | 1.1018 | 3.4014 | .05001 | .36485 | .21881 | 6.6803 | 86.002 |        |
| Stddev | .0093  | .0122  | .00076 | .00266 | .00133 | .0292  | .288   |        |
| %RSD   | .84300 | .35794 | 1.5133 | .72979 | .60703 | .43764 | .33441 |        |
| #1     | 1.0928 | 3.3875 | .04961 | .36183 | .21734 | 6.6477 | 86.229 |        |
| #2     | 1.1114 | 3.4065 | .05088 | .36688 | .21993 | 6.7043 | 85.679 |        |
| #3     | 1.1013 | 3.4102 | .04953 | .36582 | .21915 | 6.6889 | 86.098 |        |

Sample Name: S5      Acquired: 3/3/2025 18:47:57      Type: Cal  
Method: NON EPA-6010-200.7(v2755)      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       | 3480.6 | 74561. | 13966. | 2228.2 | 4558.1 |
| Stddev    | 28.7   | 980.   | 61.    | 35.7   | 42.7   |
| %RSD      | .82468 | 1.3139 | .43945 | 1.6036 | .93785 |
| #1        | 3506.8 | 74884. | 14022. | 2244.0 | 4594.4 |
| #2        | 3449.9 | 73460. | 13977. | 2187.3 | 4511.0 |
| #3        | 3485.1 | 75337. | 13900. | 2253.3 | 4568.8 |

Sample Name: ICV01      Acquired: 3/3/2025 19:17:42      Type: Unk  
Method: NON EPA-6010-200.7(v2756)      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    | .9969750 | 1.018885 | .9875285 | .9944249 | .9727720 | 2.466231 | .5276005 |
| Stddev | .0019205 | .010698  | .0017425 | .0029147 | .0043260 | .063365  | .0125211 |
| %RSD   | .1926297 | 1.049956 | .1764468 | .2931019 | .4447065 | 2.569312 | 2.373224 |
| #1     | .9983538 | 1.017122 | .9859907 | .9915204 | .9679016 | 2.393615 | .5133402 |
| #2     | .9947815 | 1.030355 | .9871739 | .9944047 | .9742462 | 2.510307 | .5367950 |
| #3     | .9977897 | 1.009178 | .9894211 | .9973497 | .9761682 | 2.494771 | .5326663 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4849087 | .4935883 | 9.692497 | .5101941 | .5024811 | .5145152 | 9.591707 |
| Stddev | .0091015 | .0019963 | .230528  | .0143525 | .0021890 | .0011773 | .201705  |
| %RSD   | 1.876945 | .4044441 | 2.378413 | 2.813141 | .4356305 | .2288244 | 2.102907 |
| #1     | .4754177 | .4924705 | 9.431751 | .5263873 | .5011049 | .5137796 | 9.823439 |
| #2     | .4935629 | .4958930 | 9.869256 | .5051519 | .5050052 | .5158731 | 9.496087 |
| #3     | .4857455 | .4924012 | 9.776485 | .4990431 | .5013331 | .5138930 | 9.455594 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5045369 | 5.756729 | .5409303 | .2471856 | 9.203069 | .5102290 | .9900575 |
| Stddev | .0126326 | .151142  | .0033966 | .0072054 | .176454  | .0149466 | .0258182 |
| %RSD   | 2.503807 | 2.625485 | .6279141 | 2.914975 | 1.917338 | 2.929386 | 2.607751 |
| #1     | .4900264 | 5.599793 | .5389793 | .2552085 | 9.405383 | .4931107 | 1.019284 |
| #2     | .5130834 | 5.901320 | .5448523 | .2450827 | 9.122836 | .5206916 | .980539  |
| #3     | .5105009 | 5.769073 | .5389593 | .2412656 | 9.080989 | .5168846 | .970349  |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.168915 | 2.596522 | 2.432929 | 2.467737 | 2.521801 | 2.337998 | 2.386435 |
| Stddev | .185835  | .049187  | .009313  | .009120  | .055149  | .040757  | .012235  |
| %RSD   | 2.026792 | 1.894356 | .3827756 | .3695550 | 2.186875 | 1.743249 | .5126972 |
| #1     | 9.383100 | 2.546287 | 2.425845 | 2.462337 | 2.459022 | 2.384644 | 2.386772 |
| #2     | 9.073152 | 2.644590 | 2.443477 | 2.478267 | 2.562437 | 2.320090 | 2.398499 |
| #3     | 9.050493 | 2.598688 | 2.429464 | 2.462609 | 2.543944 | 2.309262 | 2.374035 |

Sample Name: ICV01      Acquired: 3/3/2025 19:17:42      Type: Unk  
Method: NON EPA-6010-200.7(v2756)      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    | 2.437933 | 2.496380 | 2.554070 |
| Stddev | .013101  | .054251  | .038655  |
| %RSD   | .5373644 | 2.173196 | 1.513460 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 2.432975 | 2.434405 | 2.520365 |
| #2 | 2.452788 | 2.535273 | 2.596264 |
| #3 | 2.428034 | 2.519463 | 2.545581 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3700.128 | 80941.15 | 14817.93 | 2451.418 | 5129.366 |
| Stddev    | 10.370   | 1918.01  | 308.69   | 58.631   | 20.928   |
| %RSD      | .2802711 | 2.369631 | 2.083250 | 2.391716 | .4080120 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3708.546 | 78762.44 | 15161.82 | 2384.806 | 5146.602 |
| #2 | 3688.544 | 81686.01 | 14564.78 | 2474.247 | 5106.078 |
| #3 | 3703.295 | 82374.99 | 14727.18 | 2495.199 | 5135.418 |



Sample Name: LLICV01      Acquired: 3/3/2025 19:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0212237 | .0392289 | .0116234 | .0197489 | .0485778 | .1026075 |
| Stddev | .0044660 | .0014391 | .0003611 | .0015144 | .0007783 | .0024293 |
| %RSD   | 21.04277 | 3.668373 | 3.106857 | 7.668198 | 1.602191 | 2.367552 |
| #1     | .0162549 | .0383327 | .0118094 | .0214054 | .0479577 | .1049196 |
| #2     | .0249036 | .0384652 | .0112072 | .0184354 | .0483243 | .1000759 |
| #3     | .0225125 | .0408888 | .0118537 | .0194060 | .0494512 | .1028269 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0909183 | .0059397 | .0058161 | 1.934762 | .0095857 | .0287174 |
| Stddev | .0010057 | .0001659 | .0000697 | .027300  | .0003643 | .0001898 |
| %RSD   | 1.106175 | 2.792890 | 1.198293 | 1.411031 | 3.800889 | .6609016 |
| #1     | .0916343 | .0061216 | .0058021 | 1.931379 | .0095830 | .0286488 |
| #2     | .0897685 | .0057967 | .0057545 | 1.909311 | .0092227 | .0285713 |
| #3     | .0913521 | .0059007 | .0058918 | 1.963596 | .0099514 | .0289319 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0220430 | .0965204 | .0202253 | 1.934418 | .0380592 | .0094606 |
| Stddev | .0007219 | .0038788 | .0004162 | .028680  | .0004217 | .0004528 |
| %RSD   | 3.275008 | 4.018587 | 2.057944 | 1.482628 | 1.108030 | 4.786606 |
| #1     | .0227640 | .0927550 | .0202429 | 1.956450 | .0382158 | .0098211 |
| #2     | .0213202 | .0963030 | .0198006 | 1.901989 | .0375816 | .0089523 |
| #3     | .0220448 | .1005033 | .0206325 | 1.944815 | .0383803 | .0096085 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.792761 | .0361703 | .0402091 | 1.763723 | .1083479 | .2001871 |
| Stddev | .022048  | .0013628 | .0005847 | .009781  | .0013999 | .0005590 |
| %RSD   | 1.229820 | 3.767815 | 1.454276 | .5545589 | 1.292012 | .2792118 |
| #1     | 1.789491 | .0377394 | .0406123 | 1.774754 | .1094594 | .2002308 |
| #2     | 1.772530 | .0354887 | .0395385 | 1.760309 | .1067757 | .1996076 |
| #3     | 1.816260 | .0352827 | .0404767 | 1.756107 | .1088084 | .2007229 |

Sample Name: LLICV01      Acquired: 3/3/2025 19:21:31      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0377041 | .0373783 | .3524824 | .0174180 | .0171440 | F .0156160 |
| Stddev | .0002519 | .0004094 | .0034244 | .0010379 | .0006463 | .0013942   |
| %RSD   | .6680620 | 1.095257 | .9715171 | 5.958844 | 3.770123 | 8.928255   |
| #1     | .0374305 | .0369920 | .3532232 | .0182895 | .0177237 | .0161725   |
| #2     | .0379263 | .0373356 | .3487482 | .0176947 | .0164471 | .0140295   |
| #3     | .0377556 | .0378074 | .3554758 | .0162697 | .0172613 | .0166461   |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .0189066 |
| Stddev | .0002251 |
| %RSD   | 1.190820 |
| #1     | .0188141 |
| #2     | .0187424 |
| #3     | .0191632 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3780.513 | 82489.08 | 15116.84 | 2490.803 | 5437.595 |
| Stddev    | 15.385   | 972.99   | 199.86   | 28.590   | 25.639   |
| %RSD      | .4069680 | 1.179537 | 1.322099 | 1.147822 | .4715068 |
| #1        | 3774.336 | 81585.66 | 14970.49 | 2461.866 | 5431.803 |
| #2        | 3798.027 | 83519.22 | 15344.55 | 2519.033 | 5465.635 |
| #3        | 3769.176 | 82362.37 | 15035.47 | 2491.510 | 5415.348 |

Sample Name: ICB01      Acquired: 3/3/2025 19:25:48      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | -.000064 | -.000036 | -.001344 | -.002651 | -.001015 | .0044420 | .0003840 |
| Stddev | .000853  | .001003  | .000501  | .001449  | .000452  | .0028497 | .0003805 |
| %RSD   | 1332.301 | 2781.119 | 37.25785 | 54.68232 | 44.53567 | 64.15390 | 99.08257 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001046 | -.000535 | -.000827 | -.004189 | -.000640 | .0070421 | .0007861 |
| #2 | .000494  | .001119  | -.001379 | -.002454 | -.001517 | .0048883 | .0000295 |
| #3 | .000360  | -.000692 | -.001827 | -.001310 | -.000887 | .0013954 | .0003365 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000658 | .0000271 | .0013098 | .0000594 | .0000692 | -.000095 | .0008285 |
| Stddev | .0000663 | .0000541 | .0063346 | .0002488 | .0000995 | .000595  | .0005376 |
| %RSD   | 100.8378 | 199.7417 | 483.6384 | 419.1171 | 143.8357 | 624.9360 | 64.88302 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000009 | .0000603 | .0039181 | .0002372 | .0001824 | .000221  | .0005129 |
| #2 | .000117  | .0000562 | -.005913 | .0001659 | .0000292 | -.000782 | .0005235 |
| #3 | .000089  | -.000035 | .005924  | -.000225 | -.000004 | .000275  | .0014493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000813 | .0240386 | .0000757 | .0000467 | -.035281 | -.001096 | .0000601 |
| Stddev | .0001794 | .0119597 | .0001494 | .0002919 | .006111  | .001385  | .0002569 |
| %RSD   | 220.7032 | 49.75191 | 197.4002 | 625.2399 | 17.32002 | 126.3568 | 427.5466 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0001420 | .0374479 | .0002329 | -.000174 | -.040542 | -.001262 | .0000300 |
| #2 | -.000121 | .0201935 | -.000064 | -.000063 | -.036722 | -.002391 | -.000180 |
| #3 | .000222  | .0144745 | .000059  | .000378  | -.028578 | .000364  | .000331  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.052145 | .0059394 | .0001893 | .0002425 | -.000101 | -.001372 | -.001429 |
| Stddev | .003915  | .0002250 | .0001397 | .0006140 | .000923  | .007690  | .001852  |
| %RSD   | 7.507183 | 3.788884 | 73.77717 | 253.1647 | 910.3528 | 560.3243 | 129.6204 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.049239 | .0057516 | .0003151 | -.000466 | -.001160 | .000896  | -.003505 |
| #2 | -.056596 | .0061888 | .0002139 | .000595  | .000539  | -.009941 | .000054  |
| #3 | -.050598 | .0058777 | .0000390 | .000599  | .000317  | .004928  | -.000836 |

Sample Name: ICB01      Acquired: 3/3/2025 19:25:48      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | -.004492 | -.003835 | -.000034 |
| Stddev | .001810  | .000898  | .000055  |
| %RSD   | 40.29957 | 23.42543 | 160.3924 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.006162 | -.004676 | -.000091 |
| #2 | -.002568 | -.002889 | -.000032 |
| #3 | -.004745 | -.003940 | .000019  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3736.971 | 81375.28 | 15890.84 | 2449.310 | 5414.624 |
| Stddev    | 7.712    | 2800.44  | 406.85   | 83.246   | 9.765    |
| %RSD      | .2063592 | 3.441395 | 2.560258 | 3.398769 | .1803534 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3729.148 | 80862.87 | 16107.63 | 2430.480 | 5403.352 |
| #2 | 3737.198 | 84396.54 | 15421.51 | 2540.358 | 5419.977 |
| #3 | 3744.566 | 78866.42 | 16143.38 | 2377.091 | 5420.542 |

Sample Name: CRI01      Acquired: 3/3/2025 19:30:07      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0187397 | .0379426 | .0115418 | .0180174 | .0484076 | .0944659 |
| Stddev | .0011474 | .0007021 | .0006872 | .0002038 | .0013105 | .0006237 |
| %RSD   | 6.122710 | 1.850545 | 5.953735 | 1.131362 | 2.707304 | .6602890 |
| #1     | .0191755 | .0371426 | .0122605 | .0182504 | .0477909 | .0950349 |
| #2     | .0196054 | .0384566 | .0108912 | .0178720 | .0475192 | .0937990 |
| #3     | .0174383 | .0382285 | .0114738 | .0179298 | .0499127 | .0945638 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0876479 | .0056134 | .0056421 | 1.854387 | .0095896 | .0279166 |
| Stddev | .0027854 | .0000804 | .0000192 | .052296  | .0004253 | .0005560 |
| %RSD   | 3.177922 | 1.431699 | .3397573 | 2.820115 | 4.435277 | 1.991720 |
| #1     | .0901321 | .0056793 | .0056207 | 1.912197 | .0091697 | .0275258 |
| #2     | .0846366 | .0055238 | .0056477 | 1.810370 | .0100201 | .0276708 |
| #3     | .0881749 | .0056369 | .0056578 | 1.840594 | .0095791 | .0285531 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0218330 | .0908678 | .0191312 | 1.843095 | .0374406 | .0098124 |
| Stddev | .0001421 | .0019491 | .0007391 | .027362  | .0006126 | .0001353 |
| %RSD   | .6510539 | 2.144936 | 3.863126 | 1.484585 | 1.636084 | 1.378343 |
| #1     | .0216722 | .0887900 | .0198450 | 1.874570 | .0370461 | .0098562 |
| #2     | .0218846 | .0926555 | .0183693 | 1.824977 | .0371295 | .0099203 |
| #3     | .0219420 | .0911580 | .0191794 | 1.829737 | .0381463 | .0096607 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.790046 | .0360147 | .0407144 | 1.736153 | .0999927 | .1946474 |
| Stddev | .037303  | .0006700 | .0007679 | .065107  | .0022661 | .0022650 |
| %RSD   | 2.083932 | 1.860341 | 1.886151 | 3.750048 | 2.266303 | 1.163643 |
| #1     | 1.758269 | .0360259 | .0400071 | 1.731795 | .1018234 | .1928092 |
| #2     | 1.831118 | .0353391 | .0415312 | 1.803329 | .0974582 | .1939551 |
| #3     | 1.780752 | .0366790 | .0406048 | 1.673335 | .1006965 | .1971777 |

Sample Name: CRI01      Acquired: 3/3/2025 19:30:07      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0374498 | .0359020 | .3495252 | .0151240 | .0162639 | F .0138662 |
| Stddev | .0003182 | .0011181 | .0090434 | .0009755 | .0016745 | .0007118   |
| %RSD   | .8497638 | 3.114437 | 2.587341 | 6.449853 | 10.29584 | 5.133355   |
| #1     | .0377141 | .0364291 | .3455385 | .0151727 | .0156961 | .0136419   |
| #2     | .0370965 | .0346177 | .3598769 | .0141251 | .0149471 | .0132936   |
| #3     | .0375387 | .0366592 | .3431601 | .0160742 | .0181484 | .0146632   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0181154 |
| Stddev | .0003514 |
| %RSD   | 1.940033 |
| #1     | .0184715 |
| #2     | .0177688 |
| #3     | .0181059 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3825.470 | 82211.53 | 15778.55 | 2482.880 | 5450.193 |
| Stddev    | 34.957   | 1674.94  | 329.68   | 50.424   | 55.144   |
| %RSD      | .9137985 | 2.037358 | 2.089401 | 2.030871 | 1.011776 |
| #1        | 3853.870 | 83297.80 | 15435.85 | 2512.092 | 5497.485 |
| #2        | 3836.113 | 80282.59 | 16093.44 | 2424.655 | 5463.473 |
| #3        | 3786.429 | 83054.20 | 15806.38 | 2511.892 | 5389.622 |

Sample Name: ICSA01      Acquired: 3/3/2025 19:34:24      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0015077 | .0113541 | .0021632 | -.006376 | -.001472   | 237.9240 |
| Stddev | .0012746 | .0011118 | .0021884 | .002731  | .002324    | 2.5572   |
| %RSD   | 84.53812 | 9.792525 | 101.1684 | 42.83826 | 157.8691   | 1.074804 |
| #1     | .0001318 | .0107221 | .0010359 | -.004997 | -.001069   | 237.2618 |
| #2     | .0026481 | .0107023 | .0046854 | -.004609 | .000624    | 240.7472 |
| #3     | .0017433 | .0126379 | .0007682 | -.009521 | -.003972   | 235.7631 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0063148 | .0013309 | -.002674 | 227.6675 | .0547439   | .0014999 |
| Stddev | .0006600 | .0000300 | .000094  | 1.8284   | .0007024   | .0001427 |
| %RSD   | 10.45134 | 2.250489 | 3.512426 | .8030820 | 1.282987   | 9.515238 |
| #1     | .0063899 | .0013394 | -.002761 | 226.9645 | .0549089   | .0016621 |
| #2     | .0056204 | .0012976 | -.002688 | 229.7430 | .0539737   | .0013939 |
| #3     | .0069339 | .0013557 | -.002574 | 226.2950 | .0553490   | .0014436 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.001265 | 96.94112 | .0049099 | 232.3084 | .0028627   | .0017685 |
| Stddev | .000622  | .62506   | .0007868 | 2.2154   | .0002565   | .0002108 |
| %RSD   | 49.15565 | .6447850 | 16.02446 | .9536579 | 8.958484   | 11.91896 |
| #1     | -.001883 | 97.58453 | .0040690 | 230.8966 | .0026413   | .0017940 |
| #2     | -.001273 | 96.33619 | .0050326 | 234.8618 | .0028030   | .0019654 |
| #3     | -.000639 | 96.90263 | .0056282 | 231.1668 | .0031437   | .0015461 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0097574 | .0019827 | .0028911 | -.081946 | F .1141711 | .0005430 |
| Stddev | .0050040 | .0004530 | .0001326 | .014526  | .0013755   | .0006028 |
| %RSD   | 51.28392 | 22.84602 | 4.586052 | 17.72607 | 1.204762   | 111.0159 |
| #1     | .0041902 | .0018930 | .0028517 | -.087350 | .1156874   | .0001378 |
| #2     | .0112015 | .0024737 | .0027826 | -.065492 | .1138224   | .0002555 |
| #3     | .0138806 | .0015812 | .0030389 | -.092994 | .1130035   | .0012358 |

Sample Name: ICSA01      Acquired: 3/3/2025 19:34:24      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | -.004459 | -.002110 | .0075354 | -.002536 | -.015699 | .0009875 |
| Stddev | .000188  | .000938  | .0060504 | .000145  | .000825  | .0013170 |
| %RSD   | 4.220460 | 44.45522 | 80.29220 | 5.702083 | 5.253151 | 133.3632 |
| #1     | -.004669 | -.002974 | .0119004 | -.002371 | -.016229 | .0014624 |
| #2     | -.004402 | -.002243 | .0100770 | -.002598 | -.016119 | -.000501 |
| #3     | -.004306 | -.001112 | .0006288 | -.002640 | -.014749 | .002001  |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0941605 |
| Stddev | .0005699   |
| %RSD   | .6051939   |
| #1     | .0941286   |
| #2     | .0947456   |
| #3     | .0936073   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3406.287 | 73829.81 | 14856.98 | 2283.340 | 4361.931 |
| Stddev    | 19.472   | 702.89   | 43.53    | 22.922   | 28.671   |
| %RSD      | .5716414 | .9520390 | .2930196 | 1.003866 | .6572923 |
| #1        | 3411.265 | 73148.65 | 14870.70 | 2260.041 | 4369.729 |
| #2        | 3422.787 | 74552.58 | 14808.23 | 2305.864 | 4385.897 |
| #3        | 3384.810 | 73788.18 | 14891.99 | 2284.116 | 4330.168 |



Sample Name: ICSAB01      Acquired: 3/3/2025 19:38:39      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .1089125 | .1000000 | .0503297 | .0390428 | .5885307 | 232.6246 |
| Stddev | .0040454 | .0006832 | .0013733 | .0044161 | .0048348 | 1.9073   |
| %RSD   | 3.714327 | .6832050 | 2.728641 | 11.31103 | .8215046 | .8199030 |
| #1     | .1121932 | .0994096 | .0491393 | .0424599 | .5859494 | 230.6861 |
| #2     | .1101518 | .0998421 | .0518323 | .0406122 | .5855344 | 234.4991 |
| #3     | .1043924 | .1007484 | .0500176 | .0340563 | .5941083 | 232.6885 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4602060 | .4742882 | .9715383 | 222.5939 | .5343119 | .4934475 |
| Stddev | .0034665 | .0043738 | .0088149 | 1.6622   | .0053153 | .0040611 |
| %RSD   | .7532572 | .9221910 | .9073105 | .7467592 | .9948036 | .8229998 |
| #1     | .4576047 | .4723720 | .9661640 | 221.4419 | .5402786 | .4914140 |
| #2     | .4641413 | .4792931 | .9667395 | 224.4994 | .5325746 | .4908050 |
| #3     | .4588719 | .4711995 | .9817114 | 221.8403 | .5300826 | .4981236 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4783382 | 94.05089 | .4619126 | 227.0546 | .9750833 | .2062639 |
| Stddev | .0051738 | .74328   | .0028115 | 1.8268   | .0087320 | .0021082 |
| %RSD   | 1.081629 | .7902996 | .6086619 | .8045647 | .8955079 | 1.022077 |
| #1     | .4754989 | 94.82480 | .4611902 | 225.4198 | .9700981 | .2084964 |
| #2     | .4752056 | 93.98530 | .4650148 | 229.0264 | .9699860 | .2059883 |
| #3     | .4843100 | 93.34258 | .4595327 | 226.7176 | .9851659 | .2043071 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0104891 | .4513736 | .9835515 | -.086211 | .9516305 | .9335331 |
| Stddev | .0105807 | .0054558 | .0068178 | .026528  | .0066897 | .0071737 |
| %RSD   | 100.8729 | 1.208706 | .6931776 | 30.77041 | .7029761 | .7684417 |
| #1     | .0116328 | .4488811 | .9914240 | -.063235 | .9495290 | .9294220 |
| #2     | -.000617 | .4576304 | .9796232 | -.080156 | .9591186 | .9293609 |
| #3     | .020452  | .4476091 | .9796074 | -.115243 | .9462438 | .9418165 |

Sample Name: ICSAB01      Acquired: 3/3/2025 19:38:39      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .9386517 | .8729641 | F .8142856 | F -.001435 | F -.014273 | F .0000771 |
| Stddev | .0082187 | .0091338 | .0066848   | .002967    | .007156    | .0005809   |
| %RSD   | .8755892 | 1.046298 | .8209437   | 206.7228   | 50.13820   | 753.1369   |
| #1     | .9349815 | .8657694 | .8184834   | -.001521   | -.011691   | .0000844   |
| #2     | .9329076 | .8832400 | .8177966   | -.004358   | -.022361   | -.000507   |
| #3     | .9480660 | .8698829 | .8065768   | .001574    | -.008766   | .000654    |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0919541 |
| Stddev | .0008420   |
| %RSD   | .9157222   |
| #1     | .0911740   |
| #2     | .0928468   |
| #3     | .0918414   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3391.566 | 75041.90 | 15065.34 | 2294.643 | 4366.084 |
| Stddev    | 25.070   | 720.13   | 134.52   | 18.422   | 33.481   |
| %RSD      | .7391801 | .9596378 | .8928837 | .8028376 | .7668412 |
| #1        | 3404.975 | 74282.61 | 15116.91 | 2274.670 | 4384.404 |
| #2        | 3407.079 | 75127.93 | 14912.68 | 2298.288 | 4386.407 |
| #3        | 3362.643 | 75715.14 | 15166.45 | 2310.970 | 4327.441 |

Sample Name: ICSADLX20      Acquired: 3/3/2025 19:42:41      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0025132 | .0010769 | .0003054 | -.001854 | -.002225 | 11.62133 | .0019377 |
| Stddev | .0015817 | .0012157 | .0014798 | .000860  | .000495  | .32196   | .0011166 |
| %RSD   | 62.93389 | 112.8940 | 484.5877 | 46.40612 | 22.23013 | 2.770443 | 57.62358 |
| #1     | .0006944 | -.000130 | .0001416 | -.001125 | -.002794 | 11.99278 | .0030706 |
| #2     | .0035660 | .001059  | .0018603 | -.002803 | -.001986 | 11.44898 | .0019043 |
| #3     | .0032793 | .002301  | -.001086 | -.001634 | -.001896 | 11.42223 | .0008382 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001229 | -.000184 | 11.61471 | .0023533 | .0001903 | .0001600 | 4.622948 |
| Stddev | .0000300 | .000041  | .33913   | .0002323 | .0000326 | .0001827 | .084378  |
| %RSD   | 24.38783 | 22.41955 | 2.919794 | 9.872720 | 17.12582 | 114.1503 | 1.825197 |
| #1     | .0001397 | -.000232 | 12.00520 | .0025983 | .0002183 | .0003030 | 4.677743 |
| #2     | .0001407 | -.000159 | 11.39401 | .0023254 | .0001981 | .0002229 | 4.665321 |
| #3     | .0000883 | -.000162 | 11.44494 | .0021362 | .0001545 | -.000046 | 4.525782 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002607 | 11.30187 | .0002111 | -.000470 | -.040124 | .0005679 | -.000140 |
| Stddev | .0001852 | .27056   | .0001566 | .000189  | .006635  | .0014647 | .000058  |
| %RSD   | 71.01935 | 2.393940 | 74.14865 | 40.11843 | 16.53686 | 257.9135 | 41.44862 |
| #1     | .0000573 | 11.61305 | .0000458 | -.000254 | -.046934 | .0022477 | -.000077 |
| #2     | .0003055 | 11.12231 | .0002305 | -.000554 | -.039761 | -.000442 | -.000151 |
| #3     | .0004194 | 11.17024 | .0003571 | -.000602 | -.033678 | -.000102 | -.000192 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.075903 | .0083173 | .0002290 | -.001515 | -.000012 | -.000508 | -.002628 |
| Stddev | .010003  | .0002884 | .0000249 | .000476  | .000311  | .001970  | .001308  |
| %RSD   | 13.17809 | 3.467499 | 10.87292 | 31.43167 | 2641.952 | 387.9457 | 49.76162 |
| #1     | -.086537 | .0080959 | .0002027 | -.001025 | .000153  | .001400  | -.001143 |
| #2     | -.066682 | .0086434 | .0002320 | -.001976 | .000183  | -.002536 | -.003608 |
| #3     | -.074491 | .0082125 | .0002522 | -.001544 | -.000371 | -.000388 | -.003131 |

Sample Name: ICSADLX20      Acquired: 3/3/2025 19:42:41      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | -.002818 | -.004169 | .0046726 |
| Stddev | .002672  | .000517  | .0001048 |
| %RSD   | 94.81008 | 12.39030 | 2.242512 |
| #1     | -.000311 | -.004567 | .0047925 |
| #2     | -.005628 | -.004354 | .0045984 |
| #3     | -.002514 | -.003585 | .0046270 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3818.311 | 83905.94 | 15514.88 | 2530.002 | 5357.844 |
| Stddev    | 11.379   | 1130.50  | 402.90   | 36.878   | 9.524    |
| %RSD      | .2980230 | 1.347341 | 2.596892 | 1.457645 | .1777541 |
| #1        | 3830.830 | 83239.09 | 15053.64 | 2502.597 | 5365.624 |
| #2        | 3815.507 | 83267.51 | 15798.20 | 2515.479 | 5360.686 |
| #3        | 3808.595 | 85211.23 | 15692.80 | 2571.931 | 5347.223 |

Sample Name: ICSABDLX20      Acquired: 3/3/2025 19:46:57      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | .0041818 | .0046840 | .0014924 | .0012851 | .0298991 | 11.71085 | .0247083 |
| Stddev | .0018845 | .0010709 | .0004374 | .0007296 | .0018665 | .19157   | .0010843 |
| %RSD   | 45.06510 | 22.86341 | 29.30906 | 56.77311 | 6.242509 | 1.635829 | 4.388588 |
| #1     | .0058367 | .0035155 | .0019625 | .0015977 | .0281934 | 11.69944 | .0257862 |
| #2     | .0045781 | .0049177 | .0014173 | .0018062 | .0296111 | 11.90786 | .0247211 |
| #3     | .0021306 | .0056188 | .0010974 | .0004513 | .0318928 | 11.52524 | .0236176 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0253174 | .0483429 | 11.65240 | .0275752 | .0247206 | .0251731 | 4.659389 |
| Stddev | .0002835 | .0006953 | .15306   | .0007147 | .0002791 | .0005178 | .154154  |
| %RSD   | 1.119947 | 1.438249 | 1.313572 | 2.591629 | 1.129196 | 2.056954 | 3.308457 |
| #1     | .0254776 | .0475487 | 11.67349 | .0277938 | .0243983 | .0245783 | 4.751578 |
| #2     | .0254847 | .0488421 | 11.79383 | .0281549 | .0248824 | .0254178 | 4.745163 |
| #3     | .0249900 | .0486378 | 11.48989 | .0267767 | .0248812 | .0255233 | 4.481426 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0244200 | 11.35586 | .0493159 | .0099334 | -.037425 | .0228789 | .0498372 |
| Stddev | .0003911 | .17746   | .0008766 | .0003695 | .004727  | .0015763 | .0019762 |
| %RSD   | 1.601385 | 1.562732 | 1.777530 | 3.719580 | 12.62975 | 6.889683 | 3.965373 |
| #1     | .0248634 | 11.37784 | .0483047 | .0102374 | -.033050 | .0244789 | .0516819 |
| #2     | .0241241 | 11.52130 | .0498615 | .0100406 | -.036787 | .0213274 | .0500781 |
| #3     | .0242726 | 11.16843 | .0497814 | .0095222 | -.042439 | .0228304 | .0477515 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.063220 | .0071110 | .0002005 | -.000777 | -.000051 | -.000330 | -.002114 |
| Stddev | .014117  | .0006032 | .0000548 | .000585  | .000526  | .002817  | .001520  |
| %RSD   | 22.32966 | 8.482609 | 27.34830 | 75.28597 | 1034.882 | 854.9141 | 71.91030 |
| #1     | -.058967 | .0068121 | .0002292 | -.001444 | -.000647 | .002854  | -.002409 |
| #2     | -.051718 | .0078052 | .0002350 | -.000348 | .000144  | -.002501 | -.000468 |
| #3     | -.078974 | .0067156 | .0001373 | -.000540 | .000350  | -.001341 | -.003466 |

Sample Name: ICSABDLX20      Acquired: 3/3/2025 19:46:57      Type: Unk  
Method: NON EPA-6010-200.7(v2757)      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    | -.001533 | -.004787 | .0046750 |
| Stddev | .004062  | .000970  | .0000921 |
| %RSD   | 264.9817 | 20.26213 | 1.969353 |
| #1     | -.006008 | -.004473 | .0046510 |
| #2     | -.000516 | -.004012 | .0047767 |
| #3     | .001924  | -.005874 | .0045973 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3825.262 | 83288.08 | 15416.71 | 2532.729 | 5364.445 |
| Stddev    | 44.042   | 2676.81  | 210.39   | 73.996   | 62.543   |
| %RSD      | 1.151339 | 3.213922 | 1.364686 | 2.921587 | 1.165889 |
| #1        | 3875.990 | 81523.06 | 15313.23 | 2483.321 | 5434.291 |
| #2        | 3796.781 | 81973.12 | 15278.11 | 2497.064 | 5313.619 |
| #3        | 3803.015 | 86368.06 | 15658.80 | 2617.803 | 5345.426 |

Sample Name: CCV01      Acquired: 3/3/2025 19:57:02      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | 5.178367 | 4.820370 | 4.765871 | 5.245176 | 4.698367 | 9.298023 | 9.565118 |
| Stddev | .080346  | .069911  | .068926  | .061084  | .068644  | .387550  | .271700  |
| %RSD   | 1.551566 | 1.450326 | 1.446239 | 1.164584 | 1.461023 | 4.168094 | 2.840531 |
| #1     | 5.086869 | 4.741857 | 4.689057 | 5.176997 | 4.620895 | 9.093621 | 9.406478 |
| #2     | 5.210826 | 4.875884 | 4.786236 | 5.263611 | 4.722588 | 9.744985 | 9.878843 |
| #3     | 5.237404 | 4.843368 | 4.822320 | 5.294919 | 4.751617 | 9.055463 | 9.410031 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2390725 | 2.380813 | 23.56700 | .9571518 | 2.379303 | 1.192822 | 4.834160 |
| Stddev | .0088821 | .032339  | .91415   | .0116048 | .033275  | .014370  | .086249  |
| %RSD   | 3.715225 | 1.358337 | 3.878939 | 1.212428 | 1.398521 | 1.204719 | 1.784151 |
| #1     | .2324734 | 2.344606 | 23.02653 | .9443911 | 2.341758 | 1.176588 | 4.768970 |
| #2     | .2491714 | 2.391001 | 24.62246 | .9670740 | 2.391004 | 1.197968 | 4.931959 |
| #3     | .2355728 | 2.406831 | 23.05200 | .9599903 | 2.405147 | 1.203912 | 4.801552 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.364561 | 23.87573 | 2.494900 | 1.188434 | 23.12819 | 2.365252 | 2.393432 |
| Stddev | .094215  | .95223   | .038871  | .013807  | .31241   | .093282  | .029487  |
| %RSD   | 3.984454 | 3.988294 | 1.558021 | 1.161800 | 1.350784 | 3.943842 | 1.232002 |
| #1     | 2.313973 | 23.33202 | 2.450838 | 1.173440 | 22.92120 | 2.311535 | 2.360755 |
| #2     | 2.473264 | 24.97525 | 2.509523 | 1.200624 | 23.48755 | 2.472964 | 2.418055 |
| #3     | 2.306447 | 23.31991 | 2.524339 | 1.191238 | 22.97582 | 2.311256 | 2.401485 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.12604 | 4.737508 | 4.788963 | 4.772658 | 4.720637 | 4.607048 | 4.790591 |
| Stddev | .24042   | .176120  | .062215  | .066995  | .184018  | .065549  | .060756  |
| %RSD   | 1.039617 | 3.717576 | 1.299130 | 1.403735 | 3.898169 | 1.422803 | 1.268238 |
| #1     | 22.98482 | 4.611629 | 4.719188 | 4.697252 | 4.618974 | 4.545331 | 4.722196 |
| #2     | 23.40364 | 4.938775 | 4.809039 | 4.795401 | 4.933059 | 4.675853 | 4.811267 |
| #3     | 22.98966 | 4.662121 | 4.838660 | 4.825321 | 4.609879 | 4.599960 | 4.838311 |

Sample Name: CCV01      Acquired: 3/3/2025 19:57:02      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | 4.681238 | 4.645955 | 4.779262 |
| Stddev | .068302  | .182757  | .153863  |
| %RSD   | 1.459050 | 3.933670 | 3.219398 |
| #1     | 4.604929 | 4.543050 | 4.713969 |
| #2     | 4.702136 | 4.856963 | 4.955006 |
| #3     | 4.736649 | 4.537853 | 4.668813 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3776.646 | 82054.79 | 15241.56 | 2500.711 | 5060.598 |
| Stddev    | 45.068   | 731.36   | 488.87   | 21.725   | 66.017   |
| %RSD      | 1.193335 | .8913128 | 3.207508 | .8687581 | 1.304527 |
| #1        | 3826.194 | 82877.09 | 15591.55 | 2525.785 | 5133.913 |
| #2        | 3765.653 | 81477.03 | 14682.99 | 2487.509 | 5042.022 |
| #3        | 3738.092 | 81810.26 | 15450.15 | 2488.838 | 5005.860 |



Sample Name: CCB01      Acquired: 3/3/2025 20:01:13      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | -.000154 | .0000581 | -.001545 | -.009160 | .0000281 | .0001611 | .0009449 |
| Stddev | .002855  | .0018487 | .000257  | .000718  | .0009146 | .0025161 | .0002426 |
| %RSD   | 1851.926 | 3184.471 | 16.65363 | 7.835352 | 3258.022 | 1562.236 | 25.67330 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .002597  | .0008161 | -.001831 | -.008946 | -.000948 | .0030589 | .0007976 |
| #2 | -.003102 | .0014073 | -.001469 | -.009960 | .000866  | -.001468 | .0012249 |
| #3 | .000043  | -.002049 | -.001334 | -.008574 | .000166  | -.001107 | .0008123 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000104 | -.000002 | .0047445 | -.000307 | .0002051 | .0001679 | .0051246 |
| Stddev | .0000126 | .000050  | .0098754 | .000464  | .0001445 | .0004158 | .0067979 |
| %RSD   | 120.7231 | 2156.291 | 208.1454 | 151.1410 | 70.49015 | 247.6211 | 132.6513 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000118 | .000055  | .0049135 | -.000029 | .0000408 | .0002478 | -.002606 |
| #2 | -.000003 | -.000027 | .0145342 | -.000843 | .0002612 | -.000282 | .007811  |
| #3 | .000022  | -.000035 | -.005214 | -.000049 | .0003130 | .000538  | .010169  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000420 | .0114656 | .0003871 | .0025107 | -.035110 | -.000367 | .0088630 |
| Stddev | .000296  | .0100265 | .0002790 | .0002303 | .010700  | .001679  | .0001835 |
| %RSD   | 70.42024 | 87.44879 | 72.05950 | 9.173054 | 30.47641 | 457.3077 | 2.070432 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000081 | .0120548 | .0007093 | .0022449 | -.046715 | -.001354 | .0087545 |
| #2 | -.000628 | .0011575 | .0002240 | .0026373 | -.032981 | .001572  | .0087597 |
| #3 | -.000551 | .0211845 | .0002282 | .0026500 | -.025634 | -.001320 | .0090749 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.074182 | .0119100 | .0004681 | -.000207 | .0003568 | -.009622 | -.002760 |
| Stddev | .031560  | .0009670 | .0000615 | .000467  | .0002055 | .010901  | .001937  |
| %RSD   | 42.54354 | 8.119155 | 13.14284 | 226.0377 | 57.60105 | 113.2862 | 70.16769 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.101630 | .0114721 | .0005390 | -.000660 | .0003487 | -.012837 | -.003266 |
| #2 | -.081217 | .0130185 | .0004288 | -.000233 | .0001555 | -.018554 | -.004394 |
| #3 | -.039698 | .0112394 | .0004365 | .000273  | .0005663 | .002524  | -.000621 |

Sample Name: CCB01      Acquired: 3/3/2025 20:01:13      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | -.002285 | -.003094 | .0000230 |
| Stddev | .002315  | .000330  | .0000140 |
| %RSD   | 101.3091 | 10.65791 | 60.83285 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.002231 | -.002930 | .0000112 |
| #2 | .000003  | -.003474 | .0000194 |
| #3 | -.004626 | -.002879 | .0000384 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3853.488 | 82275.98 | 15535.13 | 2500.427 | 5574.354 |
| Stddev    | 27.682   | 1678.36  | 22.39    | 53.909   | 31.568   |
| %RSD      | .7183661 | 2.039920 | .1441389 | 2.155973 | .5663163 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3826.508 | 81735.80 | 15558.22 | 2492.473 | 5542.033 |
| #2 | 3881.823 | 84157.92 | 15513.50 | 2557.871 | 5605.112 |
| #3 | 3852.133 | 80934.22 | 15533.66 | 2450.937 | 5575.918 |

Sample Name: Q1420-04      Acquired: 3/3/2025 20:05:33      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | .0026604 | -.004216 | .0521762 | -.011916 | .0010555 | .1128740 | .6640291 |
| Stddev | .0030800 | .000695  | .0012041 | .002526  | .0008260 | .0047861 | .0159822 |
| %RSD   | 115.7706 | 16.49066 | 2.307778 | 21.19830 | 78.25259 | 4.240238 | 2.406853 |
| #1     | .0020962 | -.003414 | .0507890 | -.011015 | .0006268 | .1083885 | .6685920 |
| #2     | .0059835 | -.004579 | .0527883 | -.009964 | .0005321 | .1123209 | .6462617 |
| #3     | -.000098 | -.004655 | .0529514 | -.014769 | .0020077 | .1179127 | .6772337 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002244 | -.000005 | 40.37549 | .0008046 | .0119458 | .0568658 | 6.129556 |
| Stddev | .0000045 | .000089  | 1.05025  | .0003291 | .0001230 | .0004029 | .118418  |
| %RSD   | 2.012095 | 1670.432 | 2.601205 | 40.90475 | 1.029482 | .7084551 | 1.931920 |
| #1     | .0002273 | -.000096 | 40.58847 | .0010922 | .0119829 | .0571929 | 6.214942 |
| #2     | .0002192 | -.000003 | 39.23508 | .0008761 | .0120459 | .0569886 | 6.179355 |
| #3     | .0002267 | .000083  | 41.30293 | .0004456 | .0118085 | .0564158 | 5.994371 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.810310 | 4.251283 | .0068317 | .0016649 | 366.4644 | -.000066 | .1682877 |
| Stddev | .044430  | .088921  | .0003671 | .0002298 | 3.2550   | .001503  | .0033862 |
| %RSD   | 2.454279 | 2.091624 | 5.373410 | 13.80469 | .8882256 | 2284.980 | 2.012154 |
| #1     | 1.824610 | 4.273157 | .0067939 | .0019259 | 369.1902 | -.001789 | .1716448 |
| #2     | 1.760491 | 4.153467 | .0072163 | .0015760 | 367.3426 | .000978  | .1683453 |
| #3     | 1.845830 | 4.327227 | .0064851 | .0014927 | 362.8603 | .000613  | .1648731 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.626798 | .0475697 | .0004915 | -.001423 | -.000015 | .9093759 | .0111887 |
| Stddev | .030573  | .0006002 | .0001327 | .000515  | .000595  | .0146557 | .0008567 |
| %RSD   | 1.879321 | 1.261732 | 26.99932 | 36.20878 | 4062.477 | 1.611623 | 7.656851 |
| #1     | 1.658771 | .0479341 | .0006121 | -.001620 | -.000654 | .9262236 | .0113256 |
| #2     | 1.597850 | .0468769 | .0005131 | -.001811 | .000088  | .9023332 | .0119687 |
| #3     | 1.623772 | .0478980 | .0003494 | -.000838 | .000522  | .8995710 | .0102718 |

Sample Name: Q1420-04      Acquired: 3/3/2025 20:05:33      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | .5336281 | -.009384 | .1766188 |
| Stddev | .0066554 | .000558  | .0039886 |
| %RSD   | 1.247197 | 5.942133 | 2.258305 |
| #1     | .5377835 | -.009268 | .1777882 |
| #2     | .5371490 | -.009990 | .1721762 |
| #3     | .5259519 | -.008893 | .1798919 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3558.277 | 78078.70 | 15315.53 | 2358.461 | 4689.806 |
| Stddev    | 7.779    | 1168.25  | 370.35   | 32.133   | 6.873    |
| %RSD      | .2186270 | 1.496253 | 2.418146 | 1.362460 | .1465497 |
| #1        | 3552.028 | 77018.58 | 15218.52 | 2328.810 | 4681.871 |
| #2        | 3555.815 | 77886.32 | 15724.72 | 2353.968 | 4693.830 |
| #3        | 3566.990 | 79331.21 | 15003.33 | 2392.604 | 4693.719 |

Sample Name: Q1420-08      Acquired: 3/3/2025 20:09:58      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | -.006296 | -.004476 | .0047844 | -.013434 | -.001241 | .0234870 | .4272235 |
| Stddev | .002436  | .000315  | .0012955 | .001785  | .001374  | .0020281 | .0022653 |
| %RSD   | 38.70073 | 7.047616 | 27.07779 | 13.28760 | 110.6612 | 8.635102 | .5302302 |
| #1     | -.006821 | -.004801 | .0046308 | -.015480 | -.001649 | .0239399 | .4289365 |
| #2     | -.003639 | -.004171 | .0061499 | -.012627 | .000290  | .0212707 | .4246551 |
| #3     | -.008427 | -.004457 | .0035726 | -.012195 | -.002365 | .0252504 | .4280788 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000068 | .0003001 | 71.43527 | .0004648 | .0042201 | .0159277 | .0188911 |
| Stddev | .000026  | .0000208 | .26021   | .0001034 | .0003153 | .0003895 | .0019425 |
| %RSD   | 37.76478 | 6.912717 | .3642610 | 22.25744 | 7.472322 | 2.445682 | 10.28235 |
| #1     | -.000081 | .0003092 | 71.72799 | .0005648 | .0042590 | .0160035 | .0181779 |
| #2     | -.000038 | .0003148 | 71.23019 | .0003582 | .0038871 | .0155058 | .0174062 |
| #3     | -.000084 | .0002764 | 71.34763 | .0004713 | .0045142 | .0162737 | .0210894 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9977638 | 6.516169 | .0039993 | .0025454 | 382.5752 | -.001177 | .0853722 |
| Stddev | .0026713 | .062380  | .0004627 | .0004274 | 6.8403   | .001228  | .0019064 |
| %RSD   | .2677250 | .9573174 | 11.56882 | 16.78962 | 1.787969 | 104.3336 | 2.233005 |
| #1     | 1.000395 | 6.572476 | .0044700 | .0020839 | 379.0887 | -.002287 | .0849303 |
| #2     | .995054  | 6.449112 | .0039826 | .0029276 | 378.1806 | .000142  | .0837255 |
| #3     | .997843  | 6.526918 | .0035451 | .0026246 | 390.4563 | -.001386 | .0874607 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.645184 | .0260233 | .0008251 | -.002617 | -.001731 | .8468992 | .0211674 |
| Stddev | .025738  | .0003128 | .0003136 | .000108  | .000352  | .0187588 | .0023354 |
| %RSD   | 1.564438 | 1.201914 | 38.00419 | 4.109336 | 20.31565 | 2.215001 | 11.03299 |
| #1     | 1.627222 | .0256638 | .0008894 | -.002711 | -.002072 | .8354490 | .0200646 |
| #2     | 1.633659 | .0261735 | .0004844 | -.002500 | -.001752 | .8367007 | .0195877 |
| #3     | 1.674670 | .0262327 | .0011016 | -.002639 | -.001369 | .8685480 | .0238500 |

Sample Name: Q1420-08      Acquired: 3/3/2025 20:09:58      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | .6661617 | -.016905 | .2222971 |
| Stddev | .0038397 | .000158  | .0011476 |
| %RSD   | .5763949 | .9372368 | .5162590 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .6617404 | -.016835 | .2232105 |
| #2 | .6686603 | -.016793 | .2210089 |
| #3 | .6680842 | -.017086 | .2226719 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3534.985 | 76808.17 | 15798.20 | 2323.352 | 4648.737 |
| Stddev    | 16.797   | 1489.95  | 63.05    | 33.549   | 27.070   |
| %RSD      | .4751725 | 1.939834 | .3990943 | 1.443984 | .5823176 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3540.116 | 76793.83 | 15726.43 | 2330.139 | 4652.050 |
| #2 | 3548.618 | 78305.24 | 15823.49 | 2352.989 | 4673.998 |
| #3 | 3516.220 | 75325.45 | 15844.67 | 2286.929 | 4620.163 |

Sample Name: Q1442-01      Acquired: 3/3/2025 20:14:22      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | -.006723 | -.002632 | -.000115 | -.010604 | .0015679 | .0400165 | .2861040 |
| Stddev | .003356  | .000822  | .000783  | .001069  | .0004823 | .0062857 | .0096249 |
| %RSD   | 49.91855 | 31.24583 | 681.7249 | 10.08401 | 30.76016 | 15.70763 | 3.364111 |
| #1     | -.005900 | -.002598 | -.000990 | -.009428 | .0015794 | .0461801 | .2928219 |
| #2     | -.003855 | -.001827 | .000520  | -.010865 | .0010800 | .0402539 | .2904126 |
| #3     | -.010414 | -.003471 | .000126  | -.011518 | .0020444 | .0336156 | .2750776 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000122 | .0000231 | 11.41671 | .0016032 | -.000056 | .0008100 | .2971757 |
| Stddev | .000009  | .0000177 | .35780   | .0003898 | .000113  | .0002798 | .0078797 |
| %RSD   | 7.391419 | 76.92761 | 3.133987 | 24.31452 | 201.9711 | 34.54547 | 2.651539 |
| #1     | -.000119 | .0000410 | 11.70503 | .0012300 | -.000160 | .0011312 | .2989156 |
| #2     | -.000114 | .0000227 | 11.52882 | .0015719 | -.000073 | .0006801 | .3040401 |
| #3     | -.000131 | .0000055 | 11.01628 | .0020078 | .000065  | .0006188 | .2885715 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143081 | .2907632 | .0043856 | .0025696 | 310.4218 | -.000022 | 1.822281 |
| Stddev | .0005755 | .0086179 | .0001386 | .0003526 | 2.6936   | .001430  | .031135  |
| %RSD   | 4.022208 | 2.963884 | 3.161335 | 13.72131 | .8677293 | 6407.638 | 1.708591 |
| #1     | .0142767 | .2994538 | .0045379 | .0029672 | 307.7083 | -.001638 | 1.791790 |
| #2     | .0148987 | .2822199 | .0043523 | .0022949 | 313.0951 | .000490  | 1.854023 |
| #3     | .0137490 | .2906159 | .0042667 | .0024469 | 310.4621 | .001081  | 1.821031 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8340814 | .1379105 | .0023409 | -.000247 | -.000138 | .1857401 | .1674151 |
| Stddev | .0444210 | .0040710 | .0001504 | .000418  | .000946  | .0059305 | .0026709 |
| %RSD   | 5.325735 | 2.951882 | 6.424254 | 169.0853 | 686.1711 | 3.192887 | 1.595377 |
| #1     | .7828581 | .1409980 | .0023270 | -.000723 | .000953  | .1796788 | .1643398 |
| #2     | .8573793 | .1394366 | .0024978 | .000065  | -.000644 | .1915304 | .1687507 |
| #3     | .8620068 | .1332971 | .0021980 | -.000084 | -.000723 | .1860111 | .1691547 |

Sample Name: Q1442-01      Acquired: 3/3/2025 20:14:22      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | 3.091311 | -.008400 | .0123129 |
| Stddev | .022812  | .000451  | .0004033 |
| %RSD   | .7379500 | 5.372594 | 3.275259 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 3.065942 | -.007884 | .0126292 |
| #2 | 3.110135 | -.008722 | .0124508 |
| #3 | 3.097857 | -.008594 | .0118588 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3721.269 | 82561.52 | 16264.70 | 2486.412 | 4981.060 |
| Stddev    | 27.822   | 1165.59  | 401.68   | 30.590   | 36.456   |
| %RSD      | .7476365 | 1.411779 | 2.469623 | 1.230270 | .7319023 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3750.043 | 83831.16 | 15936.30 | 2512.780 | 5019.943 |
| #2 | 3694.509 | 81539.92 | 16145.25 | 2452.874 | 4947.649 |
| #3 | 3719.253 | 82313.48 | 16712.56 | 2493.583 | 4975.586 |



Sample Name: Q1442-02      Acquired: 3/3/2025 20:18:47      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | .0073105 | -.002869 | -.000777 | -.009247 | -.000110 | .0196151 | .4408127 |
| Stddev | .0028165 | .001220  | .001599  | .003112  | .001335  | .0017641 | .0061888 |
| %RSD   | 38.52683 | 42.54029 | 205.6558 | 33.65378 | 1210.943 | 8.993359 | 1.403943 |
| #1     | .0103752 | -.003675 | -.000648 | -.005696 | -.001235 | .0181668 | .4388651 |
| #2     | .0067208 | -.001465 | -.002437 | -.011497 | -.000460 | .0215797 | .4477409 |
| #3     | .0048355 | -.003467 | .000753  | -.010549 | .001365  | .0190988 | .4358319 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000022 | .0012971 | 15.57480 | .0000442 | .0017680 | .0079119 | .1993767 |
| Stddev | .000035  | .0000221 | .23491   | .0003178 | .0001392 | .0002383 | .0122753 |
| %RSD   | 159.5489 | 1.705135 | 1.508246 | 719.7345 | 7.874499 | 3.011969 | 6.156853 |
| #1     | -.000059 | .0012751 | 15.44904 | .0004107 | .0018905 | .0081146 | .2114650 |
| #2     | -.000016 | .0012967 | 15.84581 | -.000126 | .0016166 | .0079719 | .1997425 |
| #3     | .000010  | .0013194 | 15.42955 | -.000152 | .0017970 | .0076494 | .1869225 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1356569 | 2.923208 | .0102222 | .0025630 | 301.3629 | -.000783 | 1.547937 |
| Stddev | .0028668 | .059549  | .0004555 | .0004663 | 14.3083  | .002652  | .088387  |
| %RSD   | 2.113242 | 2.037101 | 4.455603 | 18.19214 | 4.747848 | 338.8728 | 5.709995 |
| #1     | .1338731 | 2.877240 | .0098075 | .0028237 | 298.9392 | .001244  | 1.544970 |
| #2     | .1389637 | 2.990478 | .0107096 | .0020247 | 316.7282 | .000193  | 1.637771 |
| #3     | .1341338 | 2.901907 | .0101494 | .0028406 | 288.4213 | -.003784 | 1.461071 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.751607 | .3306802 | .0003283 | -.000520 | -.000472 | 3.582085 | .0416776 |
| Stddev | .331997  | .0080821 | .0001532 | .000380  | .000370  | .150657  | .0016942 |
| %RSD   | 4.282945 | 2.444087 | 46.66419 | 72.98839 | 78.35228 | 4.205837 | 4.064960 |
| #1     | 7.783840 | .3268173 | .0004822 | -.000399 | -.000338 | 3.590393 | .0431866 |
| #2     | 8.066312 | .3399689 | .0003269 | -.000216 | -.000188 | 3.728415 | .0398450 |
| #3     | 7.404669 | .3252544 | .0001758 | -.000946 | -.000890 | 3.427446 | .0420014 |

Sample Name: Q1442-02      Acquired: 3/3/2025 20:18:47      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | 2.118036 | -.004398 | .1656312 |
| Stddev | .037823  | .000726  | .0024443 |
| %RSD   | 1.785746 | 16.50404 | 1.475726 |
| #1     | 2.131215 | -.004252 | .1647420 |
| #2     | 2.147505 | -.003756 | .1683956 |
| #3     | 2.075386 | -.005185 | .1637561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4103.554 | 85891.18 | 16679.34 | 2648.227 | 5461.849 |
| Stddev    | 75.759   | 3745.07  | 253.05   | 110.336  | 99.863   |
| %RSD      | 1.846182 | 4.360252 | 1.517131 | 4.166422 | 1.828380 |
| #1        | 4078.133 | 85855.90 | 16888.27 | 2649.254 | 5436.001 |
| #2        | 4043.775 | 82163.86 | 16397.97 | 2537.381 | 5377.451 |
| #3        | 4188.755 | 89653.76 | 16751.78 | 2758.047 | 5572.095 |

Sample Name: Q1443-01      Acquired: 3/3/2025 20:23:09      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | -.004062 | -.002233 | .0019335 | -.009043 | -.000049 | .0135924 | .4308548 |
| Stddev | .000504  | .000220  | .0008687 | .004685  | .000541  | .0035144 | .0024009 |
| %RSD   | 12.40799 | 9.859851 | 44.92754 | 51.81126 | 1092.217 | 25.85542 | .5572339 |
| #1     | -.004562 | -.002129 | .0011561 | -.010852 | -.000640 | .0168082 | .4282936 |
| #2     | -.003554 | -.002085 | .0028711 | -.003723 | .000071  | .0141278 | .4312165 |
| #3     | -.004068 | -.002486 | .0017732 | -.012554 | .000421  | .0098410 | .4330543 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000099 | .0003105 | 1.012211 | .0004071 | .0003569 | .0103446 | .0648539 |
| Stddev | .000031  | .0000418 | .004093  | .0003573 | .0000536 | .0001045 | .0053831 |
| %RSD   | 31.52773 | 13.44739 | .4043565 | 87.78959 | 15.02658 | 1.009843 | 8.300263 |
| #1     | -.000072 | .0002819 | 1.013110 | -.000002 | .0002951 | .0104523 | .0586680 |
| #2     | -.000091 | .0002912 | 1.007743 | .000563  | .0003840 | .0103378 | .0674194 |
| #3     | -.000133 | .0003584 | 1.015780 | .000660  | .0003916 | .0102437 | .0684743 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0111162 | .1508132 | .0070964 | .0025067 | 265.7115 | -.000646 | .5793207 |
| Stddev | .0001284 | .0209897 | .0001684 | .0003913 | 1.0637   | .000349  | .0179300 |
| %RSD   | 1.155421 | 13.91766 | 2.372868 | 15.60886 | .4003036 | 54.03329 | 3.095013 |
| #1     | .0110581 | .1711852 | .0071059 | .0021796 | 266.8887 | -.000971 | .5868132 |
| #2     | .0110271 | .1292561 | .0072599 | .0029401 | 264.8196 | -.000691 | .5588597 |
| #3     | .0112634 | .1519983 | .0069235 | .0024003 | 265.4261 | -.000277 | .5922892 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5889307 | .1442490 | .0003134 | .0000744 | -.000047 | .0399886 | .0458171 |
| Stddev | .0093140 | .0009514 | .0002600 | .0007068 | .000532  | .0047387 | .0007514 |
| %RSD   | 1.581506 | .6595545 | 82.97018 | 950.4480 | 1123.362 | 11.85020 | 1.639991 |
| #1     | .5850135 | .1436110 | .0006114 | .0008850 | -.000646 | .0396942 | .0462503 |
| #2     | .5822151 | .1437935 | .0001960 | -.000413 | .000370  | .0354040 | .0462515 |
| #3     | .5995635 | .1453425 | .0001328 | -.000249 | .000134  | .0448677 | .0449494 |

Sample Name: Q1443-01      Acquired: 3/3/2025 20:23:09      Type: Unk  
Method: NON EPA-6010-200.7(v2758)      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    | .7243130 | -.006021 | .0081551 |
| Stddev | .0013415 | .000331  | .0000546 |
| %RSD   | .1852094 | 5.491574 | .6690694 |
| #1     | .7257623 | -.006401 | .0081134 |
| #2     | .7231148 | -.005795 | .0081350 |
| #3     | .7240619 | -.005867 | .0082168 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4068.500 | 88753.57 | 16582.36 | 2703.634 | 5463.478 |
| Stddev    | 14.108   | 2080.09  | 91.77    | 61.238   | 18.292   |
| %RSD      | .3467539 | 2.343670 | .5534027 | 2.265031 | .3348022 |
| #1        | 4052.390 | 87569.87 | 16586.69 | 2676.996 | 5442.917 |
| #2        | 4078.649 | 91155.37 | 16488.50 | 2773.680 | 5469.571 |
| #3        | 4074.460 | 87535.46 | 16671.88 | 2660.226 | 5477.945 |

Sample Name: Q1447-02      Acquired: 3/3/2025 20:27:16      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.002380 | -.004524 | .0745000 | .0022468 | .0004108 | .0297077 | .4746657 |
| Stddev | .000926  | .001519  | .0021854 | .0030995 | .0013224 | .0067401 | .0048754 |
| %RSD   | 38.93175 | 33.57067 | 2.933414 | 137.9546 | 321.9349 | 22.68805 | 1.027125 |
| #1     | -.003382 | -.005945 | .0770233 | .0043121 | .0005888 | .0220725 | .4731842 |
| #2     | -.002201 | -.002924 | .0732666 | -.001317 | -.000992 | .0322190 | .4707029 |
| #3     | -.001555 | -.004702 | .0732102 | .003745  | .001635  | .0348316 | .4801100 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001513 | .0014060 | 22.87374 | .0005333 | .0006459 | .0116077 | .0466596 |
| Stddev | .0000257 | .0000482 | .28544   | .0001940 | .0001652 | .0001912 | .0014398 |
| %RSD   | 17.00406 | 3.428098 | 1.247905 | 36.37845 | 25.57322 | 1.647557 | 3.085865 |
| #1     | .0001246 | .0013583 | 22.76090 | .0006995 | .0006238 | .0115564 | .0478214 |
| #2     | .0001534 | .0014547 | 22.66197 | .0005803 | .0004928 | .0114473 | .0450488 |
| #3     | .0001759 | .0014052 | 23.19835 | .0003201 | .0008210 | .0118193 | .0471088 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6774501 | 4.142086 | .0060916 | -.000356 | 262.7762 | -.000615 | .2734494 |
| Stddev | .0084142 | .069535  | .0001523 | .000066  | 2.3043   | .000195  | .0051870 |
| %RSD   | 1.242044 | 1.678751 | 2.500601 | 18.54556 | .8768972 | 31.74085 | 1.896892 |
| #1     | .6736712 | 4.145763 | .0061653 | -.000363 | 264.3908 | -.000392 | .2794250 |
| #2     | .6715879 | 4.070785 | .0059164 | -.000418 | 263.8005 | -.000752 | .2708144 |
| #3     | .6870913 | 4.209710 | .0061930 | -.000287 | 260.1374 | -.000702 | .2701088 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.785581 | .1136312 | .0002643 | -.000512 | -.000528 | 1.543666 | .0141317 |
| Stddev | .053747  | .0023619 | .0000605 | .000097  | .000204  | .038810  | .0016776 |
| %RSD   | 3.010067 | 2.078603 | 22.88159 | 18.98523 | 38.53610 | 2.514155 | 11.87130 |
| #1     | 1.840870 | .1130314 | .0002069 | -.000511 | -.000761 | 1.586065 | .0136540 |
| #2     | 1.782351 | .1116270 | .0003275 | -.000609 | -.000440 | 1.535035 | .0127448 |
| #3     | 1.733522 | .1162353 | .0002586 | -.000414 | -.000384 | 1.509898 | .0159964 |

Sample Name: Q1447-02      Acquired: 3/3/2025 20:27:16      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .9730137 | -.009023 | .1108491 |
| Stddev | .0050428 | .000649  | .0011383 |
| %RSD   | .5182630 | 7.197056 | 1.026902 |
| #1     | .9770020 | -.008911 | .1103127 |
| #2     | .9673454 | -.008436 | .1100782 |
| #3     | .9746938 | -.009720 | .1121566 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4136.607 | 88067.64 | 17424.29 | 2673.255 | 5483.477 |
| Stddev    | 13.329   | 1447.25  | 260.07   | 39.075   | 18.707   |
| %RSD      | .3222311 | 1.643336 | 1.492547 | 1.461712 | .3411534 |
| #1        | 4121.353 | 86491.42 | 17598.64 | 2630.709 | 5463.003 |
| #2        | 4146.009 | 88374.96 | 17548.87 | 2681.519 | 5499.678 |
| #3        | 4142.459 | 89336.54 | 17125.37 | 2707.538 | 5487.750 |

Sample Name: PB166879TB      Acquired: 3/3/2025 20:55:29      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000730   | -.003578 | -.001329 | .0004354 | -.000054 | .0041642 |
| Stddev | .001210    | .001373  | .000704  | .0016991 | .000178  | .0017498 |
| %RSD   | 165.6546   | 38.38100 | 52.95608 | 390.2568 | 329.2362 | 42.02014 |
| #1     | -.000856   | -.003704 | -.000688 | .0013485 | .000076  | .0056701 |
| #2     | -.001873   | -.004883 | -.001217 | .0014826 | .000019  | .0045778 |
| #3     | .000537    | -.002145 | -.002082 | -.001525 | -.000257 | .0022446 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000177   | -.000100 | -.000081 | -.002240 | .0010151 | -.000041 |
| Stddev | .000181    | .000009  | .000032  | .001193  | .0002650 | .000200  |
| %RSD   | 102.4288   | 9.086799 | 39.44255 | 53.25511 | 26.10577 | 489.8207 |
| #1     | -.000002   | -.000101 | -.000086 | -.003393 | .0009476 | -.000186 |
| #2     | -.000364   | -.000109 | -.000111 | -.002315 | .0007904 | -.000123 |
| #3     | -.000166   | -.000091 | -.000047 | -.001011 | .0013073 | .000187  |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005397   | .0028240 | .0022378 | .0041044 | .0022655 | -.000315 |
| Stddev | .0003904   | .0024611 | .0001656 | .0021964 | .0001927 | .000181  |
| %RSD   | 72.34932   | 87.14835 | 7.399493 | 53.51177 | 8.505058 | 57.67116 |
| #1     | .0000917   | .0053656 | .0021445 | .0065503 | .0024825 | -.000177 |
| #2     | .0007197   | .0026543 | .0021400 | .0034623 | .0021143 | -.000520 |
| #3     | .0008076   | .0004522 | .0024290 | .0023007 | .0021998 | -.000247 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 291.4568 | -.001149 | -.000873 | -.055504 | .0007227 | .0002942 |
| Stddev | 7.7434     | .001098  | .000219  | .023029  | .0005869 | .0001159 |
| %RSD   | 2.656777   | 95.57868 | 25.08544 | 41.49036 | 81.19830 | 39.39017 |
| #1     | 295.2782   | -.000197 | -.000807 | -.055330 | .0000878 | .0001674 |
| #2     | 282.5456   | -.000899 | -.000695 | -.032563 | .0012452 | .0003207 |
| #3     | 296.5466   | -.002351 | -.001118 | -.078620 | .0008353 | .0003945 |

Sample Name: PB166879TB      Acquired: 3/3/2025 20:55:29      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0000059 | .0003378 | .0039019 | .0012065 | F .0187325 | -.007435 |
| Stddev | .0006920 | .0006822 | .0125310 | .0023795 | .0000535   | .000750  |
| %RSD   | 11802.72 | 201.9394 | 321.1528 | 197.2188 | .2853624   | 10.09374 |
| #1     | .0004345 | -.000424 | -.003704 | -.000317 | .0187298   | -.007030 |
| #2     | .0003756 | .000544  | .018365  | .003949  | .0187872   | -.008301 |
| #3     | -.000793 | .000893  | -.002956 | -.000012 | .0186804   | -.006974 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000057 |
| Stddev | .000035  |
| %RSD   | 62.27848 |
| #1     | -.000076 |
| #2     | -.000016 |
| #3     | -.000078 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4078.210 | 87128.26 | 17019.05 | 2686.353 | 5427.365 |
| Stddev    | 20.923   | 614.77   | 175.58   | 6.037    | 28.589   |
| %RSD      | .5130554 | .7055884 | 1.031643 | .2247394 | .5267516 |
| #1        | 4055.701 | 87133.45 | 16979.43 | 2682.920 | 5398.466 |
| #2        | 4097.066 | 87740.42 | 16866.67 | 2693.324 | 5455.633 |
| #3        | 4081.863 | 86510.91 | 17211.05 | 2682.815 | 5427.996 |



Sample Name: CCV02      Acquired: 3/3/2025 21:12:05      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 5.328114 | 5.294954 | 5.299967 | 5.362505 | 5.341836 | 10.29425 | 10.31117 |
| Stddev | .026674  | .039160  | .016420  | .028271  | .031219  | .04890   | .19790   |
| %RSD   | .5006239 | .7395738 | .3098178 | .5271964 | .5844234 | .4750369 | 1.919261 |
| #1     | 5.304892 | 5.255528 | 5.286400 | 5.333053 | 5.310599 | 10.32914 | 10.52092 |
| #2     | 5.322203 | 5.333842 | 5.295279 | 5.365039 | 5.341874 | 10.31525 | 10.12777 |
| #3     | 5.357248 | 5.295493 | 5.318221 | 5.389424 | 5.373036 | 10.23835 | 10.28483 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2544448 | 2.635701 | 25.95148 | 1.047486 | 2.627349 | 1.327711 | 5.291206 |
| Stddev | .0034085 | .006576  | .17479   | .028173  | .006533  | .003676  | .124364  |
| %RSD   | 1.339577 | .2494951 | .6735321 | 2.689582 | .2486533 | .2768396 | 2.350388 |
| #1     | .2583733 | 2.630354 | 26.15331 | 1.047727 | 2.623026 | 1.324767 | 5.276940 |
| #2     | .2522738 | 2.633705 | 25.84985 | 1.019193 | 2.624157 | 1.326535 | 5.174590 |
| #3     | .2526873 | 2.643043 | 25.85129 | 1.075538 | 2.634864 | 1.331830 | 5.422087 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.590549 | 25.67126 | 2.653578 | 1.304942 | 26.18944 | 2.592301 | 2.625168 |
| Stddev | .017150  | .21246   | .005496  | .033700  | .62810   | .010260  | .067277  |
| %RSD   | .6620024 | .8276359 | .2071035 | 2.582488 | 2.398289 | .3957971 | 2.562759 |
| #1     | 2.609902 | 25.91656 | 2.650244 | 1.305551 | 25.88121 | 2.604046 | 2.626796 |
| #2     | 2.577238 | 25.55237 | 2.650570 | 1.270941 | 25.77500 | 2.587776 | 2.557093 |
| #3     | 2.584508 | 25.54485 | 2.659921 | 1.338333 | 26.91210 | 2.585081 | 2.691617 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.23861 | 5.199934 | 5.304692 | 5.281394 | 5.177618 | 5.267593 | 5.228840 |
| Stddev | .72319   | .067844  | .018839  | .011806  | .021802  | .124936  | .010455  |
| %RSD   | 2.756217 | 1.304709 | .3551449 | .2235470 | .4210792 | 2.371778 | .1999556 |
| #1     | 25.92696 | 5.277856 | 5.286367 | 5.271104 | 5.201688 | 5.210689 | 5.218718 |
| #2     | 25.72349 | 5.153973 | 5.303704 | 5.278794 | 5.171969 | 5.181239 | 5.239599 |
| #3     | 27.06538 | 5.167974 | 5.324006 | 5.294284 | 5.159196 | 5.410851 | 5.228202 |

Sample Name: CCV02      Acquired: 3/3/2025 21:12:05      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 5.237054 | 5.160365 | 5.245299 |
| Stddev | .008809  | .005679  | .055800  |
| %RSD   | .1682014 | .1100448 | 1.063814 |
| #1     | 5.226883 | 5.166701 | 5.292329 |
| #2     | 5.242126 | 5.155735 | 5.183642 |
| #3     | 5.242154 | 5.158659 | 5.259928 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3449.296 | 75852.17 | 14528.84 | 2273.785 | 4637.978 |
| Stddev    | 8.914    | 1921.26  | 166.34   | 53.809   | 7.200    |
| %RSD      | .2584249 | 2.532902 | 1.144868 | 2.366500 | .1552453 |
| #1        | 3457.432 | 75909.15 | 14336.77 | 2277.370 | 4645.124 |
| #2        | 3450.687 | 77744.30 | 14624.89 | 2325.712 | 4638.087 |
| #3        | 3439.768 | 73903.05 | 14624.85 | 2218.273 | 4630.724 |

Sample Name: CCB02      Acquired: 3/3/2025 21:16:16      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0011055 | -.000375 | -.000771 | -.001304 | -.001117 | .0009376 | .0004434 |
| Stddev | .0004456 | .001183  | .000652  | .001149  | .000615  | .0050824 | .0010609 |
| %RSD   | 40.30460 | 315.0376 | 84.48978 | 88.17170 | 55.04685 | 542.0680 | 239.2688 |
| #1     | .0005911 | -.001375 | -.000079 | -.002398 | -.000433 | -.003211 | .0016557 |
| #2     | .0013708 | -.000681 | -.001373 | -.000106 | -.001623 | .006607  | -.000315 |
| #3     | .0013546 | .000930  | -.000862 | -.001406 | -.001296 | -.000583 | -.000010 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000001 | .0000345 | .0058823 | .0000623 | .0002285 | .0000178 | .0006739 |
| Stddev | .000031  | .0000504 | .0022270 | .0003123 | .0001325 | .0002167 | .0027418 |
| %RSD   | 2257.151 | 145.9063 | 37.85853 | 500.8922 | 57.97323 | 1218.506 | 406.8318 |
| #1     | -.000036 | .0000922 | .0059496 | -.000293 | .0003287 | .0002577 | -.002432 |
| #2     | .000008  | .0000118 | .0036224 | .000295  | .0002786 | -.000164 | .001696  |
| #3     | .000023  | -.000000 | .0080748 | .000185  | .0000783 | -.000041 | .002758  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000002 | .0010948 | .0000565 | -.000221 | .0635672 | -.000002 | -.000423 |
| Stddev | .000292  | .0152507 | .0002150 | .000378  | .0079119 | .001391  | .000280  |
| %RSD   | 14027.07 | 1392.972 | 380.6084 | 171.2135 | 12.44652 | 64829.42 | 66.20473 |
| #1     | .000109  | .0182686 | .0003046 | -.000297 | .0555740 | .001235  | -.000597 |
| #2     | -.000334 | -.010865 | -.000063 | -.000555 | .0637323 | -.001509 | -.000570 |
| #3     | .000218  | -.004119 | -.000072 | .000189  | .0713952 | .000267  | -.000100 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009624 | .0121376 | .0003549 | .0002472 | .0003940 | .0049773 | -.002547 |
| Stddev | .005470  | .0004684 | .0001016 | .0006550 | .0004561 | .0050906 | .000635  |
| %RSD   | 56.84204 | 3.859448 | 28.63937 | 264.9932 | 115.7561 | 102.2762 | 24.93652 |
| #1     | -.015702 | .0121063 | .0002395 | -.000200 | .0000491 | .0100718 | -.002730 |
| #2     | -.005096 | .0116855 | .0004309 | .000999  | .0009111 | .0049695 | -.003070 |
| #3     | -.008073 | .0126209 | .0003944 | -.000057 | .0002218 | -.000109 | -.001840 |

Sample Name: CCB02      Acquired: 3/3/2025 21:16:16      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.004619 | .0015480 | .0001786 |
| Stddev | .000617  | .0004819 | .0000733 |
| %RSD   | 13.36761 | 31.13109 | 41.01678 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005246 | .0013311 | .0002549 |
| #2 | -.004601 | .0021003 | .0001720 |
| #3 | -.004011 | .0012127 | .0001089 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3545.814 | 78120.48 | 14822.83 | 2363.872 | 5144.077 |
| Stddev    | 12.675   | 718.45   | 59.76    | 15.564   | 18.170   |
| %RSD      | .3574764 | .9196699 | .4031897 | .6584039 | .3532287 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3560.142 | 77293.51 | 14770.16 | 2345.951 | 5163.588 |
| #2 | 3541.235 | 78591.15 | 14810.54 | 2374.007 | 5141.005 |
| #3 | 3536.064 | 78476.76 | 14887.78 | 2371.656 | 5127.639 |

Sample Name: Q1457-01      Acquired: 3/3/2025 21:21:02      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0284465 | .0038513 | .5107820 | -.023662 | .0010039 | 91.54635 |
| Stddev | .0038440 | .0012211 | .0019623 | .001431  | .0022777 | .38301   |
| %RSD   | 13.51320 | 31.70674 | .3841762 | 6.047494 | 226.8761 | .4183733 |
| #1     | .0240078 | .0052613 | .5089332 | -.022013 | .0036061 | 91.65188 |
| #2     | .0306604 | .0031384 | .5128409 | -.024579 | .0000336 | 91.86553 |
| #3     | .0306713 | .0031542 | .5105718 | -.024394 | -.000628 | 91.12165 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5816282 | .0068157 | -.001863 | 121.9404 | .1942111 | .1058165 |
| Stddev | .0009314 | .0000160 | .000751  | .3607    | .0034021 | .0003301 |
| %RSD   | .1601307 | .2350500 | 40.31300 | .2957885 | 1.751775 | .3119445 |
| #1     | .5827036 | .0068192 | -.001436 | 122.1808 | .1936190 | .1061008 |
| #2     | .5811030 | .0067983 | -.001423 | 122.1148 | .1911438 | .1058941 |
| #3     | .5810780 | .0068297 | -.002730 | 121.5257 | .1978704 | .1054545 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5096672 | 208.7917 | 3.329734 | 50.68333 | .1932492 | .0069093 |
| Stddev | .0013763 | 3.5904   | .004863  | .14471   | .0006850 | .0002260 |
| %RSD   | .2700357 | 1.719631 | .1460602 | .2855101 | .3544834 | 3.271208 |
| #1     | .5112057 | 207.5583 | 3.332644 | 50.71631 | .1939292 | .0069655 |
| #2     | .5092429 | 205.9806 | 3.332438 | 50.80870 | .1925592 | .0066605 |
| #3     | .5085531 | 212.8363 | 3.324120 | 50.52498 | .1932591 | .0071019 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.93774 | .3122725 | .5374665 | 7.846831 | .3092586 | .0029395 |
| Stddev | .18299   | .0021415 | .0099080 | .127523  | .0087586 | .0001864 |
| %RSD   | 1.532850 | .6857903 | 1.843471 | 1.625150 | 2.832130 | 6.341487 |
| #1     | 11.87699 | .3130710 | .5325383 | 7.823278 | .3064074 | .0029956 |
| #2     | 11.79285 | .3139000 | .5309889 | 7.732727 | .3022808 | .0027314 |
| #3     | 12.14337 | .3098464 | .5488723 | 7.984489 | .3190875 | .0030913 |

Sample Name: Q1457-01      Acquired: 3/3/2025 21:21:02      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .2721439 | 3.563100 | F 12.47448 | 5.981663 | 4.120713 | .1842714 |
| Stddev | .0012310 | .009749  | .19070     | .012133  | .013037  | .0011806 |
| %RSD   | .4523228 | .2736028 | 1.528714   | .2028437 | .3163787 | .6407031 |
| #1     | .2735497 | 3.563618 | 12.39273   | 5.994654 | 4.134664 | .1838124 |
| #2     | .2712591 | 3.572580 | 12.33829   | 5.970624 | 4.108840 | .1833891 |
| #3     | .2716230 | 3.553103 | 12.69243   | 5.979710 | 4.118634 | .1856126 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4303558 |
| Stddev | .0006935 |
| %RSD   | .1611372 |
| #1     | .4306333 |
| #2     | .4308676 |
| #3     | .4295666 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3745.341 | 82610.54 | 16338.06 | 2525.307 | 4431.871 |
| Stddev    | 5.326    | 1188.41  | 69.78    | 33.634   | 5.445    |
| %RSD      | .1422100 | 1.438567 | .4270767 | 1.331897 | .1228538 |
| #1        | 3742.607 | 83112.02 | 16326.11 | 2530.618 | 4429.404 |
| #2        | 3751.479 | 83466.01 | 16275.03 | 2555.969 | 4438.113 |
| #3        | 3741.937 | 81253.59 | 16413.04 | 2489.332 | 4428.096 |

Sample Name: Q1420-01      Acquired: 3/3/2025 21:25:07      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0667399 | .0065974 | .7591873 | -.015489 | .0012870 | 80.10180 | 1.369034 |
| Stddev | .0018516 | .0035822 | .0052725 | .001492  | .0006943 | .17043   | .001200  |
| %RSD   | 2.774386 | 54.29635 | .6944917 | 9.629946 | 53.94857 | .2127620 | .0876246 |
| #1     | .0688081 | .0106552 | .7600689 | -.013971 | .0018912 | 79.96000 | 1.370316 |
| #2     | .0652362 | .0052634 | .7535296 | -.016952 | .0005285 | 80.29087 | 1.367940 |
| #3     | .0661754 | .0038737 | .7639635 | -.015543 | .0014411 | 80.05452 | 1.368845 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067480 | -.004128 | 57.66857 | .1501698 | .0794100 | .2417856 | 171.3663 |
| Stddev | .0000162 | .000235  | .13842   | .0003149 | .0004397 | .0007500 | .3669    |
| %RSD   | .2407375 | 5.684283 | .2400329 | .2096747 | .5536889 | .3102087 | .2141014 |
| #1     | .0067408 | -.004346 | 57.52314 | .1502627 | .0796566 | .2418983 | 171.7789 |
| #2     | .0067365 | -.004158 | 57.79872 | .1498190 | .0789023 | .2409856 | 171.0767 |
| #3     | .0067665 | -.003880 | 57.68384 | .1504278 | .0796710 | .2424729 | 171.2433 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.021780 | 24.05858 | .1431217 | .0056146 | 3.007866 | .2440017 | .6033124 |
| Stddev | .001314  | .10470   | .0009006 | .0004823 | .008292  | .0010080 | .0027447 |
| %RSD   | .0434856 | .4351925 | .6292764 | 8.590202 | .2756613 | .4131128 | .4549306 |
| #1     | 3.021735 | 23.94788 | .1430109 | .0059430 | 3.017436 | .2451051 | .6049999 |
| #2     | 3.023115 | 24.15602 | .1422816 | .0050609 | 3.003333 | .2431291 | .6047920 |
| #3     | 3.020488 | 24.07185 | .1440726 | .0058400 | 3.002829 | .2437709 | .6001454 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.057397 | .2043192 | .0019978 | .0229966 | 1.406264 | 7.668347 | 5.418761 |
| Stddev | .029352  | .0022923 | .0001305 | .0012259 | .002144  | .021370  | .022199  |
| %RSD   | .5803743 | 1.121921 | 6.529489 | 5.330887 | .1524611 | .2786816 | .4096712 |
| #1     | 5.089585 | .2067745 | .0020377 | .0232322 | 1.406931 | 7.693023 | 5.410089 |
| #2     | 5.050492 | .2022353 | .0018521 | .0240876 | 1.403866 | 7.656079 | 5.402207 |
| #3     | 5.032113 | .2039477 | .0021036 | .0216700 | 1.407996 | 7.655938 | 5.443988 |

Sample Name: Q1420-01      Acquired: 3/3/2025 21:25:07      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 2.181942 | .1476449 | .1936178 |
| Stddev | .006032  | .0002939 | .0001538 |
| %RSD   | .2764635 | .1990445 | .0794134 |
| #1     | 2.178191 | .1476157 | .1934602 |
| #2     | 2.178734 | .1473668 | .1936259 |
| #3     | 2.188900 | .1479524 | .1937674 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3876.525 | 84860.94 | 16802.22 | 2561.128 | 4709.946 |
| Stddev    | 16.821   | 149.24   | 60.79    | 7.523    | 21.346   |
| %RSD      | .4339127 | .1758619 | .3617708 | .2937555 | .4532043 |
| #1        | 3873.588 | 84860.52 | 16863.55 | 2554.855 | 4707.727 |
| #2        | 3894.621 | 84711.91 | 16741.99 | 2559.059 | 4732.314 |
| #3        | 3861.367 | 85010.38 | 16801.12 | 2569.469 | 4689.796 |



Sample Name: Q1420-05      Acquired: 3/3/2025 21:29:12      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0327378 | .0042807 | .3266876 | -.015236 | .0014411 | 60.00111 | .9658007 |
| Stddev | .0023384 | .0010521 | .0023537 | .002787  | .0018207 | .13559   | .0058462 |
| %RSD   | 7.142767 | 24.57792 | .7204823 | 18.29068 | 126.3444 | .2259827 | .6053216 |
| #1     | .0339705 | .0053803 | .3265090 | -.016654 | .0007790 | 60.01410 | .9609191 |
| #2     | .0342019 | .0041782 | .3244283 | -.012026 | .0035001 | 60.12974 | .9722795 |
| #3     | .0300410 | .0032836 | .3291255 | -.017029 | .0000440 | 59.85949 | .9642034 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059169 | -.004080 | 100.2053 | .1414509 | .0815103 | .1648671 | 162.9229 |
| Stddev | .0000699 | .000173  | .4288    | .0006972 | .0003891 | .0003866 | .9223    |
| %RSD   | 1.181392 | 4.236511 | .4279296 | .4929124 | .4773094 | .2345117 | .5660667 |
| #1     | .0058958 | -.003881 | 99.9155  | .1407495 | .0813236 | .1649960 | 161.8744 |
| #2     | .0059949 | -.004180 | 100.6979 | .1421439 | .0812497 | .1644325 | 163.6083 |
| #3     | .0058600 | -.004180 | 100.0026 | .1414593 | .0819575 | .1651728 | 163.2860 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.509993 | 34.36047 | .1468406 | .0051778 | 2.430427 | .2442009 | .4442718 |
| Stddev | .022079  | .11147   | .0004526 | .0000248 | .003531  | .0006761 | .0020765 |
| %RSD   | .6290331 | .3243996 | .3082390 | .4791862 | .1452663 | .2768564 | .4673933 |
| #1     | 3.491951 | 34.27326 | .1463211 | .0051562 | 2.428402 | .2439324 | .4419587 |
| #2     | 3.534613 | 34.48605 | .1471495 | .0052049 | 2.428376 | .2449700 | .4448816 |
| #3     | 3.503414 | 34.32211 | .1470513 | .0051723 | 2.434504 | .2437003 | .4459751 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.801713 | .2013502 | .0019305 | .0072979 | 1.843477 | 6.937923 | 6.102201 |
| Stddev | .043233  | .0013799 | .0000524 | .0016334 | .008355  | .014286  | .016395  |
| %RSD   | .5541516 | .6853031 | 2.712922 | 22.38238 | .4532277 | .2059120 | .2686719 |
| #1     | 7.764396 | .2003557 | .0019900 | .0054553 | 1.840472 | 6.954419 | 6.121132 |
| #2     | 7.791654 | .2007693 | .0018914 | .0085681 | 1.852919 | 6.929556 | 6.092814 |
| #3     | 7.849090 | .2029255 | .0019100 | .0078702 | 1.837039 | 6.929795 | 6.092656 |

Sample Name: Q1420-05      Acquired: 3/3/2025 21:29:12      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.102715 | .1265217 | .3356455 |
| Stddev | .006792  | .0018353 | .0011056 |
| %RSD   | .6159728 | 1.450548 | .3293992 |
| #1     | 1.095227 | .1244033 | .3348692 |
| #2     | 1.104439 | .1275326 | .3369114 |
| #3     | 1.108479 | .1276293 | .3351559 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3744.930 | 82564.28 | 16557.10 | 2473.148 | 4574.847 |
| Stddev    | 1.632    | 425.14   | 84.53    | 12.818   | 4.881    |
| %RSD      | .0435776 | .5149147 | .5105313 | .5182729 | .1066983 |
| #1        | 3746.812 | 83046.35 | 16624.67 | 2486.733 | 4570.219 |
| #2        | 3744.054 | 82242.98 | 16462.32 | 2461.269 | 4574.373 |
| #3        | 3743.922 | 82403.49 | 16584.31 | 2471.443 | 4579.947 |

Sample Name: Q1457-01DUP      Acquired: 3/3/2025 21:33:21      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .0254625 | .0003852 | .5129400 | -.030230 | -.000038 | 91.24031 |
| Stddev | .0018553 | .0001258 | .0056097 | .001399  | .001212  | .12934   |
| %RSD   | 7.286476 | 32.65073 | 1.093642 | 4.627678 | 3156.311 | .1417550 |
| #1     | .0242481 | .0002933 | .5176357 | -.030036 | -.001160 | 91.35750 |
| #2     | .0245413 | .0003337 | .5144563 | -.031715 | -.000203 | 91.26189 |
| #3     | .0275981 | .0005286 | .5067280 | -.028938 | .001248  | 91.10154 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5816353 | .0065682 | .0086923 | 121.9336 | .1938588 | .1057605 |
| Stddev | .0007061 | .0000245 | .0007174 | .4488    | .0022201 | .0011242 |
| %RSD   | .1214026 | .3727457 | 8.253818 | .3680843 | 1.145208 | 1.062983 |
| #1     | .5821457 | .0065963 | .0092818 | 122.3600 | .1943415 | .1069470 |
| #2     | .5808294 | .0065575 | .0089015 | 121.9753 | .1914371 | .1056233 |
| #3     | .5819308 | .0065510 | .0078934 | 121.4653 | .1957978 | .1047112 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5226102 | 157.8384 | 3.278418 | 50.56555 | .1937458 | -.002010 |
| Stddev | .0055374 | 2.1330   | .013032  | .25161   | .0021836 | .000100  |
| %RSD   | 1.059559 | 1.351412 | .3975215 | .4975874 | 1.127064 | 4.987903 |
| #1     | .5275192 | 157.0276 | 3.292095 | 50.76659 | .1957843 | -.002030 |
| #2     | .5237039 | 156.2297 | 3.277018 | 50.64666 | .1940118 | -.001901 |
| #3     | .5166076 | 160.2580 | 3.266143 | 50.28339 | .1914414 | -.002099 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.20592 | .3112036 | .5393537 | 7.907487 | .1909505 | .0031611 |
| Stddev | .18843   | .0015582 | .0065211 | .134140  | .0057730 | .0002406 |
| %RSD   | 1.543791 | .5006968 | 1.209056 | 1.696361 | 3.023290 | 7.610596 |
| #1     | 12.08702 | .3104227 | .5364061 | 7.863191 | .1878590 | .0033156 |
| #2     | 12.10756 | .3129978 | .5348268 | 7.801098 | .1873816 | .0032839 |
| #3     | 12.42318 | .3101903 | .5468282 | 8.058173 | .1976108 | .0028839 |

Sample Name: Q1457-01DUP      Acquired: 3/3/2025 21:33:21      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .2712187 | 3.553954 | F 12.82354 | 5.871175 | 4.102449 | .1613811 |
| Stddev | .0034622 | .007484  | .18684     | .078079  | .055274  | .0001816 |
| %RSD   | 1.276541 | .2105792 | 1.457014   | 1.329870 | 1.347332 | .1125503 |
| #1     | .2751658 | 3.562140 | 12.75995   | 5.952190 | 4.158051 | .1614515 |
| #2     | .2697950 | 3.552257 | 12.67679   | 5.864926 | 4.101788 | .1611748 |
| #3     | .2686953 | 3.547464 | 13.03387   | 5.796408 | 4.047509 | .1615170 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4299424 |
| Stddev | .0004577 |
| %RSD   | .1064674 |
| #1     | .4304691 |
| #2     | .4296409 |
| #3     | .4297171 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3731.832 | 82588.31 | 16756.02 | 2466.465 | 4448.200 |
| Stddev    | 28.268   | 770.92   | 128.95   | 26.397   | 44.412   |
| %RSD      | .7574744 | .9334499 | .7695641 | 1.070249 | .9984363 |
| #1        | 3708.031 | 82781.18 | 16645.21 | 2478.401 | 4405.423 |
| #2        | 3724.388 | 83244.49 | 16725.30 | 2484.785 | 4445.091 |
| #3        | 3763.076 | 81739.27 | 16897.56 | 2436.207 | 4494.084 |

Sample Name: Q1457-01LX5      Acquired: 3/3/2025 21:37:24      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .0049594 | .0016332 | .1099085 | -.003670 | -.000483 | 20.44669 | .1307503 |
| Stddev | .0019564 | .0013228 | .0017705 | .000598  | .000524  | .22765   | .0022419 |
| %RSD   | 39.44761 | 80.99112 | 1.610900 | 16.29113 | 108.4839 | 1.113368 | 1.714661 |
| #1     | .0070730 | .0027809 | .1119422 | -.003241 | -.000791 | 20.19798 | .1281942 |
| #2     | .0032120 | .0019323 | .1090725 | -.004353 | -.000781 | 20.49738 | .1316735 |
| #3     | .0045933 | .0001865 | .1087107 | -.003417 | .000122  | 20.64473 | .1323832 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015438 | .0009173 | 27.85369 | .0439546 | .0220113 | .1246127 | 34.86145 |
| Stddev | .0000481 | .0002962 | .30031   | .0012758 | .0002067 | .0004245 | .77002   |
| %RSD   | 3.119092 | 32.28636 | 1.078170 | 2.902595 | .9388300 | .3406473 | 2.208796 |
| #1     | .0014885 | .0010213 | 27.51313 | .0428537 | .0219744 | .1248483 | 34.43308 |
| #2     | .0015670 | .0011474 | 27.96743 | .0436574 | .0222340 | .1248672 | 34.40087 |
| #3     | .0015760 | .0005832 | 28.08053 | .0453529 | .0218257 | .1241227 | 35.75039 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7627663 | 11.55486 | .0407636 | -.000442 | 2.598358 | .0708832 | .1209450 |
| Stddev | .0057137 | .13712   | .0001700 | .000292  | .066797  | .0029384 | .0013137 |
| %RSD   | .7490802 | 1.186710 | .4169986 | 66.12311 | 2.570754 | 4.145425 | 1.086199 |
| #1     | .7562127 | 11.39657 | .0409083 | -.000753 | 2.555538 | .0690590 | .1197221 |
| #2     | .7653839 | 11.63742 | .0408061 | -.000174 | 2.564209 | .0742729 | .1207792 |
| #3     | .7667023 | 11.63058 | .0405764 | -.000398 | 2.675326 | .0693177 | .1223337 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.601801 | .0428563 | .0007790 | .0554219 | .8128609 | 2.752143 | 1.195074 |
| Stddev | .039131  | .0018055 | .0002940 | .0004812 | .0070287 | .049477  | .007892  |
| %RSD   | 2.442930 | 4.212979 | 37.74020 | .8682033 | .8646857 | 1.797762 | .6604026 |
| #1     | 1.604882 | .0420734 | .0006169 | .0552549 | .8055794 | 2.713447 | 1.202961 |
| #2     | 1.561220 | .0415744 | .0011183 | .0550466 | .8133972 | 2.735090 | 1.195085 |
| #3     | 1.639300 | .0449212 | .0006017 | .0559644 | .8196061 | 2.807891 | 1.187176 |

Sample Name: Q1457-01LX5      Acquired: 3/3/2025 21:37:24      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .8225291 | .0350750 | .0959675 |
| Stddev | .0064878 | .0002569 | .0008887 |
| %RSD   | .7887600 | .7323476 | .9260565 |
| #1     | .8297828 | .0352117 | .0952364 |
| #2     | .8205238 | .0347787 | .0957094 |
| #3     | .8172808 | .0352347 | .0969567 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3556.030 | 79685.76 | 15425.06 | 2374.701 | 4800.457 |
| Stddev    | 7.665    | 1191.08  | 169.05   | 24.902   | 17.585   |
| %RSD      | .2155465 | 1.494724 | 1.095959 | 1.048637 | .3663272 |
| #1        | 3547.597 | 80698.56 | 15593.26 | 2395.665 | 4782.742 |
| #2        | 3557.921 | 79985.18 | 15255.17 | 2381.263 | 4800.721 |
| #3        | 3562.573 | 78373.53 | 15426.75 | 2347.175 | 4817.909 |

Sample Name: Q1457-01MS      Acquired: 3/3/2025 21:41:38      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .7096796 | 1.836167 | 1.457767 | 1.554358 | .2639595 | 103.7136 |
| Stddev | .0106225 | .031076  | .019749  | .016871  | .0034909 | .2451    |
| %RSD   | 1.496795 | 1.692458 | 1.354743 | 1.085404 | 1.322505 | .2363412 |
| #1     | .7171145 | 1.871246 | 1.475098 | 1.571330 | .2669187 | 103.6577 |
| #2     | .7144108 | 1.825171 | 1.461936 | 1.554155 | .2648502 | 103.9818 |
| #3     | .6975136 | 1.812083 | 1.436266 | 1.537590 | .2601096 | 103.5013 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7582213 | .1745982 | .2039164 | 102.6507 | .5530409 | .3069998 |
| Stddev | .0029739 | .0005105 | .0027935 | .2836    | .0011438 | .0035092 |
| %RSD   | .3922165 | .2923814 | 1.369909 | .2763248 | .2068206 | 1.143074 |
| #1     | .7600484 | .1740111 | .2060624 | 102.4836 | .5536128 | .3098462 |
| #2     | .7598257 | .1749380 | .2049290 | 102.9782 | .5517239 | .3080743 |
| #3     | .7547898 | .1748454 | .2007579 | 102.4903 | .5537859 | .3030790 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7361883 | 157.5582 | 3.468978 | 52.99458 | .6957508 | .0636793 |
| Stddev | .0073012 | .4142    | .006645  | .17528   | .0093586 | .0003163 |
| %RSD   | .9917645 | .2628563 | .1915593 | .3307456 | 1.345113 | .4967110 |
| #1     | .7417896 | 157.5973 | 3.466062 | 52.80196 | .7026286 | .0633923 |
| #2     | .7388444 | 157.1259 | 3.476582 | 53.14470 | .6995302 | .0640184 |
| #3     | .7279308 | 157.9514 | 3.464289 | 53.03707 | .6850934 | .0636271 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.04793 | .5732521 | .7773480 | 17.74950 | .5009549 | .3318932 |
| Stddev | .04978   | .0045096 | .0013198 | .02942   | .0015373 | .0036588 |
| %RSD   | .3308345 | .7866714 | .1697820 | .1657780 | .3068673 | 1.102392 |
| #1     | 15.06892 | .5680485 | .7766087 | 17.77389 | .4998104 | .3348979 |
| #2     | 14.99109 | .5760217 | .7788718 | 17.75779 | .5003520 | .3329627 |
| #3     | 15.08379 | .5756862 | .7765635 | 17.71682 | .5027022 | .3278188 |

Sample Name: Q1457-01MS      Acquired: 3/3/2025 21:41:38      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .6855197 | 3.845617 | F 15.31347 | F 12.17430 | 3.361307 | .3537020 |
| Stddev | .0111354 | .005239  | .04842     | .15213     | .043650  | .0008230 |
| %RSD   | 1.624368 | .1362347 | .3162051   | 1.249566   | 1.298596 | .2326904 |
| #1     | .6944379 | 3.847461 | 15.30761   | 12.29963   | 3.394588 | .3529197 |
| #2     | .6890821 | 3.849684 | 15.26825   | 12.21824   | 3.377448 | .3545605 |
| #3     | .6730390 | 3.839705 | 15.36456   | 12.00504   | 3.311886 | .3536260 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5091901 |
| Stddev | .0014159 |
| %RSD   | .2780586 |
| #1     | .5094960 |
| #2     | .5104280 |
| #3     | .5076463 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3833.799 | 84043.91 | 16545.98 | 2525.332 | 4459.057 |
| Stddev    | 29.349   | 333.16   | 10.09    | 10.442   | 46.579   |
| %RSD      | .7655313 | .3964079 | .0610004 | .4134786 | 1.044602 |
| #1        | 3811.752 | 83948.64 | 16556.35 | 2514.837 | 4423.448 |
| #2        | 3822.532 | 84414.33 | 16545.42 | 2535.720 | 4441.953 |
| #3        | 3867.111 | 83768.77 | 16536.19 | 2525.438 | 4511.771 |



Sample Name: LR1      Acquired: 3/3/2025 21:45:38      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | -.011676 | .0770190 | .0373506 | -.225838 | .0021253 | 2197.734 | .0190992 |
| Stddev | .003167  | .0063421 | .0057666 | .006225  | .0045932 | 14.400   | .0008645 |
| %RSD   | 27.12792 | 8.234496 | 15.43922 | 2.756424 | 216.1225 | .6551992 | 4.526323 |
| #1     | -.015249 | .0712795 | .0334564 | -.225960 | .0025322 | 2184.848 | .0181020 |
| #2     | -.009214 | .0759496 | .0346201 | -.219552 | .0065014 | 2195.078 | .0195584 |
| #3     | -.010565 | .0838278 | .0439754 | -.232000 | -.002658 | 2213.277 | .0196373 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102733 | .0671461 | 1785.429 | .0112553 | .0345639 | .0210573 | 942.4406 |
| Stddev | .0000517 | .0032829 | 7.499    | .0005609 | .0005215 | .0039585 | 13.2023  |
| %RSD   | .5028335 | 4.889122 | .4199914 | 4.983811 | 1.508781 | 18.79862 | 1.400861 |
| #1     | .0103059 | .0687898 | 1786.920 | .0118295 | .0348685 | .0243183 | 928.8396 |
| #2     | .0102137 | .0633661 | 1777.296 | .0107086 | .0348614 | .0166530 | 955.2044 |
| #3     | .0103003 | .0692825 | 1792.070 | .0112279 | .0339617 | .0222007 | 943.2779 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.120983 | 1875.533 | .0238769 | -.052791 | 2131.576 | .0167913 | .1164647 |
| Stddev | .001357  | 7.393    | .0007676 | .001351  | 21.569   | .0021687 | .0026770 |
| %RSD   | 1.121790 | .3941555 | 3.214774 | 2.558703 | 1.011858 | 12.91537 | 2.298582 |
| #1     | -.119455 | 1883.845 | .0247447 | -.052133 | 2107.136 | .0178289 | .1136179 |
| #2     | -.122048 | 1869.694 | .0235991 | -.051896 | 2147.943 | .0142988 | .1168446 |
| #3     | -.121445 | 1873.059 | .0232869 | -.054345 | 2139.650 | .0182462 | .1189314 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1399.850 | .6515070 | .0065849 | .0029174 | -.049261 | .1553160 | .0831727 |
| Stddev | 16.342   | .0161744 | .0006559 | .0012353 | .000606  | .0051266 | .0130623 |
| %RSD   | 1.167386 | 2.482615 | 9.960355 | 42.34292 | 1.231180 | 3.300739 | 15.70499 |
| #1     | 1383.515 | .6370872 | .0064902 | .0015953 | -.048697 | .1609460 | .0701021 |
| #2     | 1399.838 | .6689962 | .0072830 | .0031147 | -.049183 | .1509169 | .0831893 |
| #3     | 1416.198 | .6484376 | .0059816 | .0040421 | -.049902 | .1540851 | .0962266 |

Sample Name: LR1      Acquired: 3/3/2025 21:45:38      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | -.195607 | .1067685 | .0133371 |
| Stddev | .010649  | .0073944 | .0001146 |
| %RSD   | 5.443941 | 6.925623 | .8595008 |
| #1     | -.206604 | .1005276 | .0132223 |
| #2     | -.194871 | .1149352 | .0133375 |
| #3     | -.185345 | .1048425 | .0134516 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2364.121 | 51862.40 | 11889.76 | 1555.289 | 2826.841 |
| Stddev    | 19.345   | 539.71   | 63.55    | 19.753   | 22.354   |
| %RSD      | .8182550 | 1.040651 | .5344942 | 1.270030 | .7907893 |
| #1        | 2371.272 | 52485.34 | 11943.95 | 1578.097 | 2839.434 |
| #2        | 2378.873 | 51535.16 | 11905.52 | 1543.720 | 2840.059 |
| #3        | 2342.220 | 51566.71 | 11819.81 | 1544.051 | 2801.031 |

Sample Name: LR2      Acquired: 3/3/2025 21:50:35      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .0110087 | -.013296 | 243.5648   | .0084325 | -.005541 | .1806289 |
| Stddev | .0020265 | .002101  | 1.5369     | .0023620 | .001699  | .0072994 |
| %RSD   | 18.40770 | 15.80486 | .6309901   | 28.01032 | 30.66441 | 4.041094 |
| #1     | .0095077 | -.015555 | 241.8109   | .0058262 | -.004523 | .1885754 |
| #2     | .0102047 | -.012933 | 244.2075   | .0090397 | -.004597 | .1790887 |
| #3     | .0133139 | -.011399 | 244.6760   | .0104317 | -.007502 | .1742225 |
| Elem   | Ba4934   | Be2348   | Cd2265     | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 90.82581 | -.002207 | -.005133   | .2800764 | .0139929 | -.001636 |
| Stddev | 1.12915  | .000062  | .000053    | .0037870 | .0005401 | .000163  |
| %RSD   | 1.243208 | 2.816227 | 1.022747   | 1.352120 | 3.859561 | 9.971241 |
| #1     | 89.58424 | -.002275 | -.005192   | .2830525 | .0134495 | -.001448 |
| #2     | 91.79137 | -.002192 | -.005091   | .2813628 | .0145295 | -.001734 |
| #3     | 91.10182 | -.002153 | -.005116   | .2758138 | .0139996 | -.001726 |
| Elem   | Cu2247   | Fe2404   | Mn2576     | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 265.5203 | -.007172 | 43.94746   | -.019744 | 48.72409 | .0016718 |
| Stddev | 1.9128   | .003961  | .29626     | .011606  | .26689   | .0004641 |
| %RSD   | .7204137 | 55.23220 | .6741131   | 58.78165 | .5477540 | 27.76077 |
| #1     | 263.3777 | -.007820 | 44.02627   | -.007221 | 48.41869 | .0011473 |
| #2     | 266.1271 | -.002927 | 44.19635   | -.021873 | 48.84107 | .0020292 |
| #3     | 267.0562 | -.010770 | 43.61977   | -.030137 | 48.91253 | .0018389 |
| Elem   | Na5895   | V_2924   | Zn2138     | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .3867688 | -.011255 | F 25.72559 | .4877634 | .0013742 | -.006377 |
| Stddev | .0337359 | .001783  | .20769     | .0368896 | .0004363 | .000300  |
| %RSD   | 8.722501 | 15.83960 | .8073215   | 7.563001 | 31.74960 | 4.700098 |
| #1     | .4199318 | -.011454 | 25.51571   | .5303217 | .0011835 | -.006696 |
| #2     | .3878868 | -.012929 | 25.73006   | .4649246 | .0018735 | -.006101 |
| #3     | .3524877 | -.009381 | 25.93101   | .4680439 | .0010658 | -.006336 |

Sample Name: LR2      Acquired: 3/3/2025 21:50:35      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | -.004480 | -.042057 | -.015414 | -.174371 | -.009592 | .0046848 |
| Stddev | .000596  | .000369  | .000815  | .005779  | .007070  | .0003738 |
| %RSD   | 13.30320 | .8782101 | 5.290311 | 3.314247 | 73.71155 | 7.978874 |
| #1     | -.004877 | -.042174 | -.014508 | -.181035 | -.013161 | .0048532 |
| #2     | -.004768 | -.042353 | -.016089 | -.170734 | -.001448 | .0049447 |
| #3     | -.003795 | -.041643 | -.015646 | -.171345 | -.014167 | .0042564 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0015958 |
| Stddev | .0000764 |
| %RSD   | 4.787870 |
| #1     | .0015318 |
| #2     | .0015751 |
| #3     | .0016804 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3224.285 | 78950.51 | 15093.63 | 2274.450 | 4813.721 |
| Stddev    | 14.803   | 449.40   | 94.24    | 13.336   | 20.597   |
| %RSD      | .4590991 | .5692223 | .6243462 | .5863490 | .4278835 |
| #1        | 3241.064 | 79395.30 | 15023.73 | 2284.368 | 4836.869 |
| #2        | 3218.719 | 78959.59 | 15056.36 | 2279.693 | 4806.876 |
| #3        | 3213.072 | 78496.63 | 15200.80 | 2259.289 | 4797.418 |

Sample Name: Q1457-01MSD      Acquired: 3/3/2025 21:55:14      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .7201332 | 1.877897 | 1.457073 | 1.596000 | .2717231 | 103.8909 |
| Stddev | .0063199 | .017140  | .003067  | .004718  | .0004729 | .3831    |
| %RSD   | .8776064 | .9127084 | .2105169 | .2955877 | .1740210 | .3687458 |
| #1     | .7174277 | 1.858417 | 1.458567 | 1.591048 | .2712245 | 104.2255 |
| #2     | .7156163 | 1.884605 | 1.459108 | 1.596511 | .2721651 | 103.4730 |
| #3     | .7273555 | 1.890668 | 1.453545 | 1.600442 | .2717797 | 103.9743 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7713691 | .1692872 | .2040008 | 102.2775 | .5409928 | .3074383 |
| Stddev | .0019893 | .0007673 | .0011170 | .2243    | .0087566 | .0010414 |
| %RSD   | .2578961 | .4532640 | .5475651 | .2193517 | 1.618624 | .3387430 |
| #1     | .7736026 | .1700596 | .2028029 | 102.5365 | .5469812 | .3062498 |
| #2     | .7707173 | .1685250 | .2050139 | 102.1518 | .5309429 | .3078741 |
| #3     | .7697874 | .1692771 | .2041856 | 102.1441 | .5450543 | .3081911 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7424225 | 159.6001 | 3.471248 | 52.35764 | .6990707 | .0636686 |
| Stddev | .0024662 | 1.9333   | .011231  | .07227   | .0026428 | .0002639 |
| %RSD   | .3321875 | 1.211339 | .3235446 | .1380389 | .3780414 | .4144378 |
| #1     | .7396135 | 160.9645 | 3.481936 | 52.39694 | .6961435 | .0637326 |
| #2     | .7442322 | 157.3878 | 3.472265 | 52.27423 | .7012812 | .0633786 |
| #3     | .7434219 | 160.4481 | 3.459543 | 52.40175 | .6997874 | .0638945 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.43380 | .5761183 | .7726821 | 18.18594 | .5033203 | .3360928 |
| Stddev | .23243   | .0014314 | .0118106 | .29856   | .0063834 | .0017179 |
| %RSD   | 1.505996 | .2484481 | 1.528517 | 1.641701 | 1.268269 | .5111405 |
| #1     | 15.54593 | .5777178 | .7754504 | 18.35699 | .5089511 | .3342822 |
| #2     | 15.16656 | .5749580 | .7597333 | 17.84120 | .4963856 | .3362962 |
| #3     | 15.58891 | .5756792 | .7828626 | 18.35964 | .5046242 | .3376999 |

Sample Name: Q1457-01MSD      Acquired: 3/3/2025 21:55:14      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .6826574 | 3.869320 | F 15.68199 | F 12.23918 | 3.399635 | .3576677 |
| Stddev | .0024932 | .012241  | .22226     | .06899     | .018084  | .0011822 |
| %RSD   | .3652263 | .3163534 | 1.417266   | .5636778   | .5319428 | .3305262 |
| #1     | .6800675 | 3.882673 | 15.81018   | 12.16078   | 3.378884 | .3586057 |
| #2     | .6828634 | 3.858629 | 15.42535   | 12.26615   | 3.407985 | .3580576 |
| #3     | .6850412 | 3.866658 | 15.81044   | 12.29061   | 3.412035 | .3563398 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5160978 |
| Stddev | .0016213 |
| %RSD   | .3141550 |
| #1     | .5179375 |
| #2     | .5148775 |
| #3     | .5154783 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3821.341 | 85548.01 | 17163.49 | 2530.063 | 4470.030 |
| Stddev    | 13.841   | 1133.28  | 47.82    | 31.059   | 13.354   |
| %RSD      | .3621950 | 1.324734 | .2786280 | 1.227604 | .2987431 |
| #1        | 3837.297 | 84805.42 | 17108.28 | 2514.171 | 4483.801 |
| #2        | 3812.586 | 86852.45 | 17190.17 | 2565.853 | 4457.137 |
| #3        | 3814.139 | 84986.16 | 17192.01 | 2510.166 | 4469.153 |

Sample Name: Q1457-01A      Acquired: 3/3/2025 21:59:13      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .8303105 | 1.852498 | 1.011234 | 1.932887 | .7488371 | 19.75094 |
| Stddev | .0054900 | .007869  | .006536  | .018739  | .0048808 | .12330   |
| %RSD   | .6612010 | .4247860 | .6463442 | .9695085 | .6517803 | .6242650 |
| #1     | .8239847 | 1.847398 | 1.003996 | 1.915937 | .7441000 | 19.88243 |
| #2     | .8331155 | 1.861561 | 1.016705 | 1.953011 | .7538499 | 19.63792 |
| #3     | .8338314 | 1.848535 | 1.013001 | 1.929712 | .7485614 | 19.73246 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5486734 | .1826565 | .1915961 | 219.1614 | .4477088 | .2080195 |
| Stddev | .0035164 | .0008119 | .0013843 | 1.0762   | .0001387 | .0018927 |
| %RSD   | .6408931 | .4444922 | .7224926 | .4910469 | .0309778 | .9098742 |
| #1     | .5526379 | .1835201 | .1901157 | 220.3628 | .4476138 | .2064008 |
| #2     | .5474509 | .1819087 | .1928584 | 218.2857 | .4476446 | .2101006 |
| #3     | .5459314 | .1825405 | .1918144 | 218.8356 | .4478679 | .2075573 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4223886 | 11.31732 | .5163115 | 11.07686 | .5119474 | .0739026 |
| Stddev | .0032438 | .05980   | .0020819 | .04210   | .0039239 | .0001500 |
| %RSD   | .7679757 | .5284238 | .4032323 | .3800310 | .7664721 | .2029602 |
| #1     | .4190258 | 11.28481 | .5186251 | 11.11983 | .5079765 | .0738198 |
| #2     | .4254987 | 11.38633 | .5157204 | 11.03570 | .5158226 | .0740757 |
| #3     | .4226414 | 11.28081 | .5145891 | 11.07504 | .5120431 | .0738122 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.345036 | .3279399 | .8445105 | 16.48812 | .3862118 | .4679477 |
| Stddev | .011887  | .0007687 | .0008255 | .05951   | .0024794 | .0038859 |
| %RSD   | .1424457 | .2344093 | .0977473 | .3609341 | .6419913 | .8304116 |
| #1     | 8.342300 | .3283502 | .8452288 | 16.44862 | .3887162 | .4638827 |
| #2     | 8.358053 | .3270531 | .8436088 | 16.55657 | .3837581 | .4716255 |
| #3     | 8.334755 | .3284165 | .8446940 | 16.45917 | .3861611 | .4683349 |

Sample Name: Q1457-01A      Acquired: 3/3/2025 21:59:13      Type: Unk  
Method: NON EPA-6010-200.7(v2759)      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    | .5915454 | .6692981 | F 38.16239 | 6.507628 | 4.881507 | .1789878 |
| Stddev | .0049337 | .0049950 | .10256     | .049719  | .041539  | .0013430 |
| %RSD   | .8340381 | .7463055 | .2687386   | .7640152 | .8509559 | .7503213 |
| #1     | .5873363 | .6747996 | 38.09577   | 6.463155 | 4.840967 | .1805043 |
| #2     | .5969747 | .6650472 | 38.28049   | 6.561307 | 4.923979 | .1779488 |
| #3     | .5903251 | .6680476 | 38.11091   | 6.498423 | 4.879574 | .1785103 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5701425 |
| Stddev | .0028648 |
| %RSD   | .5024771 |
| #1     | .5734484 |
| #2     | .5685934 |
| #3     | .5683857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3359.281 | 75554.15 | 15423.41 | 2215.574 | 4574.762 |
| Stddev    | 20.539   | 125.91   | 112.25   | 13.858   | 23.401   |
| %RSD      | .6114240 | .1666457 | .7278164 | .6254623 | .5115170 |
| #1        | 3381.485 | 75468.73 | 15299.12 | 2199.822 | 4598.869 |
| #2        | 3340.960 | 75494.97 | 15517.41 | 2221.014 | 4552.138 |
| #3        | 3355.397 | 75698.74 | 15453.70 | 2225.887 | 4573.280 |



Sample Name: CCV03      Acquired: 3/3/2025 22:02:49      Type: Unk  
Method: NON EPA-6010-200.7(v2760)      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    | 5.144813 | 5.070683 | 5.083460 | 5.180330 | 5.178238 | 10.06434 | 10.14141 |
| Stddev | .046743  | .080063  | .048943  | .043477  | .046551  | .15342   | .08451   |
| %RSD   | .9085429 | 1.578930 | .9627846 | .8392697 | .8989803 | 1.524355 | .8333104 |
| #1     | 5.101197 | 4.986766 | 5.046300 | 5.153060 | 5.144267 | 10.20345 | 10.21302 |
| #2     | 5.194155 | 5.146234 | 5.138915 | 5.230469 | 5.231300 | 10.08978 | 10.04820 |
| #3     | 5.139088 | 5.079048 | 5.065165 | 5.157462 | 5.159147 | 9.89979  | 10.16303 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2489190 | 2.537608 | 25.11234 | 1.024514 | 2.543103 | 1.287967 | 5.189483 |
| Stddev | .0029991 | .023895  | .40024   | .011070  | .023194  | .010692  | .047607  |
| %RSD   | 1.204845 | .9416207 | 1.593807 | 1.080539 | .9120499 | .8301756 | .9173655 |
| #1     | .2523594 | 2.516075 | 25.50532 | 1.037284 | 2.521908 | 1.277824 | 5.226327 |
| #2     | .2475411 | 2.563315 | 25.12648 | 1.017631 | 2.567880 | 1.299135 | 5.206393 |
| #3     | .2468564 | 2.533435 | 24.70521 | 1.018626 | 2.539520 | 1.286944 | 5.135730 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.521923 | 24.88507 | 2.538927 | 1.280516 | 25.94170 | 2.551616 | 2.547627 |
| Stddev | .040161  | .34115   | .025368  | .008291  | .32697   | .041322  | .018665  |
| %RSD   | 1.592461 | 1.370882 | .9991478 | .6474958 | 1.260418 | 1.619462 | .7326511 |
| #1     | 2.558566 | 25.23707 | 2.519647 | 1.290076 | 26.22119 | 2.589389 | 2.568435 |
| #2     | 2.528214 | 24.86222 | 2.567665 | 1.276193 | 26.02180 | 2.557978 | 2.542085 |
| #3     | 2.478988 | 24.55593 | 2.529469 | 1.275281 | 25.58213 | 2.507482 | 2.532360 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.88309 | 5.006276 | 5.160065 | 5.080853 | 5.069112 | 5.210078 | 4.977339 |
| Stddev | .32214   | .044876  | .043609  | .043066  | .078312  | .051875  | .058900  |
| %RSD   | 1.244606 | .8963971 | .8451238 | .8476122 | 1.544876 | .9956666 | 1.183363 |
| #1     | 26.07540 | 5.056794 | 5.122631 | 5.039311 | 5.138761 | 5.258629 | 4.914015 |
| #2     | 26.06268 | 4.991008 | 5.207950 | 5.125296 | 5.084232 | 5.216185 | 5.030490 |
| #3     | 25.51118 | 4.971026 | 5.149615 | 5.077952 | 4.984343 | 5.155420 | 4.987511 |

Sample Name: CCV03      Acquired: 3/3/2025 22:02:49      Type: Unk  
Method: NON EPA-6010-200.7(v2760)      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    | 5.053456 | 5.003796 | 5.171807 |
| Stddev | .049300  | .083871  | .064520  |
| %RSD   | .9755735 | 1.676141 | 1.247530 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.000573 | 5.071914 | 5.211990 |
| #2 | 5.098147 | 5.029355 | 5.206046 |
| #3 | 5.061647 | 4.910120 | 5.097385 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3503.828 | 76577.21 | 14783.77 | 2278.968 | 4738.441 |
| Stddev    | 25.518   | 538.92   | 154.31   | 15.525   | 39.105   |
| %RSD      | .7282899 | .7037556 | 1.043748 | .6812344 | .8252747 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3521.596 | 75957.86 | 14608.91 | 2263.398 | 4770.693 |
| #2 | 3474.587 | 76834.59 | 14841.59 | 2279.057 | 4694.946 |
| #3 | 3515.300 | 76939.18 | 14900.81 | 2294.448 | 4749.685 |

Sample Name: CCB03      Acquired: 3/3/2025 22:24:14      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.001140 | .0000741 | -.000989 | -.002327 | -.001357 | .0003918 | -.001415 |
| Stddev | .000408  | .0013415 | .000514  | .000749  | .000097  | .0011154 | .001109  |
| %RSD   | 35.73728 | 1810.632 | 51.96542 | 32.19806 | 7.117293 | 284.7306 | 78.37941 |
| #1     | -.000978 | .0013791 | -.001562 | -.003139 | -.001442 | -.000720 | -.002593 |
| #2     | -.001604 | .0001444 | -.000834 | -.001664 | -.001377 | .000385  | -.000392 |
| #3     | -.000839 | -.001301 | -.000570 | -.002176 | -.001252 | .001510  | -.001259 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000203 | -.000019 | .0039284 | -.000075 | .0000990 | .0002575 | -.001959 |
| Stddev | .0000476 | .000049  | .0039968 | .000053  | .0000781 | .0003819 | .002770  |
| %RSD   | 234.4703 | 259.2448 | 101.7406 | 71.23720 | 78.90614 | 148.3048 | 141.3529 |
| #1     | -.000035 | .000037  | -.000687 | -.000122 | .0000567 | .0004155 | -.003024 |
| #2     | .000050  | -.000055 | .006270  | -.000085 | .0001891 | .0005351 | .001185  |
| #3     | .000045  | -.000039 | .006201  | -.000017 | .0000511 | -.000178 | -.004039 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000176 | .0025623 | .0004367 | -.000330 | .0884672 | -.001665 | -.000194 |
| Stddev | .000244  | .0035695 | .0000888 | .000282  | .0200691 | .001398  | .000311  |
| %RSD   | 138.0993 | 139.3099 | 20.33651 | 85.31610 | 22.68531 | 83.93888 | 160.2368 |
| #1     | -.000455 | .0025259 | .0005341 | -.000654 | .0655037 | -.000322 | -.000336 |
| #2     | -.000002 | -.000989 | .0004157 | -.000144 | .0972516 | -.001562 | -.000408 |
| #3     | -.000073 | .006150  | .0003602 | -.000192 | .1026463 | -.003112 | .000162  |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0243976 | .0022633 | .0001426 | .0003168 | -.000075 | -.000995 | -.000384 |
| Stddev | .0236278 | .0000288 | .0001691 | .0002021 | .000243  | .002188  | .001177  |
| %RSD   | 96.84458 | 1.272523 | 118.5996 | 63.78864 | 324.6343 | 219.8894 | 306.7090 |
| #1     | .0072950 | .0022476 | .0003087 | .0002298 | -.000094 | -.001148 | .000531  |
| #2     | .0145398 | .0022457 | -.000029 | .0001728 | -.000308 | .001266  | -.001712 |
| #3     | .0513581 | .0022965 | .000149  | .0005479 | .000177  | -.003103 | .000030  |

Sample Name: CCB03      Acquired: 3/3/2025 22:24:14      Type: Unk  
 Method: NON EPA-6010-200.7(v2750)      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    | -.001659 | -.000440 | -.000017 |
| Stddev | .003708  | .000730  | .000009  |
| %RSD   | 223.4698 | 166.0326 | 54.26338 |
| #1     | .001901  | -.000463 | -.000012 |
| #2     | -.005500 | .000302  | -.000011 |
| #3     | -.001380 | -.001157 | -.000027 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3643.388 | 80412.32 | 15502.27 | 2392.258 | 5316.930 |
| Stddev    | 17.454   | 178.72   | 116.27   | 8.982    | 22.322   |
| %RSD      | .4790500 | .2222545 | .7500506 | .3754583 | .4198315 |
| #1        | 3629.433 | 80505.20 | 15409.00 | 2390.465 | 5296.335 |
| #2        | 3637.773 | 80525.49 | 15465.27 | 2402.001 | 5313.805 |
| #3        | 3662.958 | 80206.29 | 15632.55 | 2384.308 | 5340.650 |

Sample Name: Q1439-01      Acquired: 3/3/2025 22:28:31      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000629 | -.003551 | -.000856 | .0001949 | .0006195 | .0109113 |
| Stddev | .004441  | .001619  | .000743  | .0015921 | .0006671 | .0079833 |
| %RSD   | 706.3036 | 45.59823 | 86.75769 | 816.8216 | 107.6788 | 73.16584 |
| #1     | -.000180 | -.001908 | .000000  | .0016312 | .0006042 | .0146703 |
| #2     | .003571  | -.005145 | -.001323 | .0004706 | -.000040 | .0017423 |
| #3     | -.005277 | -.003599 | -.001245 | -.001517 | .001294  | .0163213 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1609062 | -.000152 | .0000286 | 118.9451 | .0038654 | .0001018 |
| Stddev | .0024936 | .000027  | .0000677 | 1.4606   | .0004267 | .0002970 |
| %RSD   | 1.549726 | 17.66337 | 236.8291 | 1.227989 | 11.03789 | 291.8127 |
| #1     | .1637375 | -.000151 | .0000230 | 120.5326 | .0033978 | .0000384 |
| #2     | .1599448 | -.000180 | -.000036 | 117.6581 | .0039649 | -.000158 |
| #3     | .1590365 | -.000126 | .000099  | 118.6445 | .0042335 | .000425  |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022156 | .7937897 | .3657380 | 23.10619 | .0168063 | -.000437 |
| Stddev | .0000959 | .0106688 | .0050141 | .32714   | .0007506 | .000279  |
| %RSD   | 4.328693 | 1.344033 | 1.370951 | 1.415812 | 4.466328 | 63.94511 |
| #1     | .0021169 | .8047962 | .3711569 | 23.45683 | .0168676 | -.000370 |
| #2     | .0023085 | .7930788 | .3612628 | 22.80917 | .0160269 | -.000197 |
| #3     | .0022215 | .7834942 | .3647943 | 23.05256 | .0175244 | -.000743 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 222.2406 | .0063931 | .0852438 | 18.51199 | .2742054 | .0091903 |
| Stddev | 1.4380   | .0006648 | .0005218 | .13334   | .0031536 | .0001966 |
| %RSD   | .6470385 | 10.39920 | .6121212 | .7202722 | 1.150067 | 2.139518 |
| #1     | 222.7418 | .0066133 | .0858356 | 18.66001 | .2775078 | .0093576 |
| #2     | 220.6191 | .0069198 | .0850456 | 18.40130 | .2712255 | .0092396 |
| #3     | 223.3610 | .0056460 | .0848501 | 18.47465 | .2738830 | .0089737 |

Sample Name: Q1439-01      Acquired: 3/3/2025 22:28:31      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.003126 | -.002934 | F 12.67976 | .1453378 | F 28.45874 | -.015191 |
| Stddev | .000574  | .001284  | .09507     | .0031191 | .68010     | .000404  |
| %RSD   | 18.35674 | 43.77779 | .7497818   | 2.146096 | 2.389763   | 2.660921 |
| #1     | -.002879 | -.003921 | 12.78468   | .1464878 | 28.29050   | -.015654 |
| #2     | -.002718 | -.001482 | 12.59933   | .1418070 | 27.87855   | -.015010 |
| #3     | -.003782 | -.003397 | 12.65528   | .1477186 | 29.20716   | -.014909 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.229080 |
| Stddev | .030610  |
| %RSD   | 2.490471 |
| #1     | 1.254494 |
| #2     | 1.237647 |
| #3     | 1.195099 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3391.856 | 74330.30 | 14964.23 | 2199.316 | 4576.516 |
| Stddev    | 64.808   | 309.11   | 149.17   | 10.984   | 86.338   |
| %RSD      | 1.910691 | .4158580 | .9968698 | .4994117 | 1.886553 |
| #1        | 3405.601 | 73981.88 | 14802.41 | 2187.652 | 4600.003 |
| #2        | 3448.689 | 74571.62 | 15096.26 | 2200.835 | 4648.681 |
| #3        | 3321.278 | 74437.39 | 14994.03 | 2209.461 | 4480.865 |

Sample Name: Q1439-02      Acquired: 3/3/2025 22:33:02      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.002052 | -.005296 | .0002433 | -.002232 | .0011409 | .0127015 |
| Stddev | .000413  | .002171  | .0010449 | .003983  | .0008287 | .0021213 |
| %RSD   | 20.11734 | 41.00376 | 429.5011 | 178.4239 | 72.64268 | 16.70126 |
| #1     | -.002146 | -.003645 | .0005555 | -.005606 | .0015015 | .0114705 |
| #2     | -.002409 | -.007756 | .0010964 | .002161  | .0017282 | .0114831 |
| #3     | -.001600 | -.004487 | -.000922 | -.003252 | .0001929 | .0151510 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1670860 | -.000144 | .0000520 | 120.2631 | .0112330 | .0001255 |
| Stddev | .0010057 | .000026  | .0000297 | .6059    | .0003967 | .0002812 |
| %RSD   | .6018801 | 18.12633 | 57.06543 | .5038476 | 3.531961 | 224.0082 |
| #1     | .1675358 | -.000135 | .0000501 | 120.2592 | .0116337 | .0004052 |
| #2     | .1659339 | -.000174 | .0000826 | 119.6591 | .0112250 | .0001285 |
| #3     | .1677881 | -.000124 | .0000233 | 120.8710 | .0108403 | -.000157 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032727 | .8768273 | .3708025 | 23.33146 | .0183682 | -.000565 |
| Stddev | .0005949 | .0031329 | .0026502 | .11366   | .0002114 | .000238  |
| %RSD   | 18.17685 | .3572936 | .7147300 | .4871366 | 1.150825 | 42.13201 |
| #1     | .0026444 | .8793613 | .3701317 | 23.30508 | .0182330 | -.000745 |
| #2     | .0038273 | .8733245 | .3685521 | 23.23330 | .0182598 | -.000295 |
| #3     | .0033464 | .8777960 | .3737237 | 23.45598 | .0186118 | -.000656 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 224.1794 | .0067464 | .0844961 | 18.67477 | .2761558 | .0091357 |
| Stddev | 5.9840   | .0001321 | .0008687 | .16049   | .0020162 | .0003230 |
| %RSD   | 2.669309 | 1.957365 | 1.028129 | .8594160 | .7300799 | 3.535143 |
| #1     | 224.5260 | .0066649 | .0846932 | 18.75536 | .2750854 | .0089725 |
| #2     | 218.0296 | .0068988 | .0835458 | 18.48995 | .2749006 | .0089270 |
| #3     | 229.9826 | .0066756 | .0852493 | 18.77899 | .2784815 | .0095077 |

Sample Name: Q1439-02      Acquired: 3/3/2025 22:33:02      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.002875 | -.002585 | F 12.69983 | .1545537 | F 29.27465 | -.015540 |
| Stddev | .000930  | .000982  | .12889     | .0010024 | .30645     | .001490  |
| %RSD   | 32.32902 | 37.99576 | 1.014884   | .6485589 | 1.046821   | 9.590805 |
| #1     | -.003812 | -.001458 | 12.73301   | .1555665 | 28.92278   | -.016395 |
| #2     | -.001953 | -.003262 | 12.55759   | .1545324 | 29.48301   | -.013819 |
| #3     | -.002860 | -.003034 | 12.80888   | .1535621 | 29.41816   | -.016406 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.257241 |
| Stddev | .013076  |
| %RSD   | 1.040039 |
| #1     | 1.242634 |
| #2     | 1.261234 |
| #3     | 1.267855 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3417.323 | 76704.32 | 15327.52 | 2238.915 | 4604.059 |
| Stddev    | 22.763   | 711.13   | 63.52    | 21.114   | 35.995   |
| %RSD      | .6660916 | .9271105 | .4144434 | .9430517 | .7818178 |
| #1        | 3443.446 | 76586.20 | 15326.50 | 2241.965 | 4645.463 |
| #2        | 3401.746 | 77467.12 | 15391.54 | 2258.339 | 4580.205 |
| #3        | 3406.777 | 76059.64 | 15264.51 | 2216.442 | 4586.508 |



Sample Name: Q1440-01      Acquired: 3/3/2025 22:37:33      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0519646 | -.001914 | .3291139 | -.019861 | .0005282 | 132.2807 | .7941449 |
| Stddev | .0013421 | .002999  | .0066566 | .003018  | .0012081 | .4819    | .0034876 |
| %RSD   | 2.582793 | 156.6775 | 2.022590 | 15.19311 | 228.7330 | .3643292 | .4391602 |
| #1     | .0515593 | -.003604 | .3366036 | -.020768 | -.000664 | 132.6245 | .7961957 |
| #2     | .0534627 | -.003687 | .3268657 | -.016494 | .000496  | 132.4879 | .7961210 |
| #3     | .0508718 | .001549  | .3238726 | -.022322 | .001752  | 131.7299 | .7901181 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095995 | -.002541 | 68.42646 | .2305085 | .1327298 | .4792976 | 239.8715 |
| Stddev | .0000883 | .000348  | .35077   | .0017969 | .0022893 | .0063177 | 2.9740   |
| %RSD   | .9199996 | 13.68466 | .5126164 | .7795159 | 1.724820 | 1.318112 | 1.239828 |
| #1     | .0096576 | -.002532 | 68.56251 | .2325244 | .1348443 | .4847216 | 243.2448 |
| #2     | .0094979 | -.002198 | 68.68881 | .2299259 | .1330467 | .4808103 | 238.7420 |
| #3     | .0096431 | -.002893 | 68.02805 | .2290753 | .1302986 | .4723609 | 237.6277 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.438516 | 51.18685 | .2491419 | .0071595 | 9.639167 | .4035826 | .5419977 |
| Stddev | .028220  | .27333   | .0039202 | .0005522 | .128360  | .0011090 | .0034730 |
| %RSD   | .5188905 | .5339829 | 1.573496 | 7.712824 | 1.331651 | .2747968 | .6407831 |
| #1     | 5.451773 | 51.15669 | .2523429 | .0077568 | 9.787383 | .4047177 | .5455848 |
| #2     | 5.457666 | 51.47402 | .2503133 | .0070541 | 9.564588 | .4035284 | .5386513 |
| #3     | 5.406108 | 50.92986 | .2447695 | .0066676 | 9.565529 | .4025016 | .5417569 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.55555 | .3311473 | .0070549 | .0084951 | 5.525835 | 5.171931 | 7.603566 |
| Stddev | .26594   | .0064677 | .0002240 | .0005364 | .029178  | .053031  | .128755  |
| %RSD   | 1.359922 | 1.953113 | 3.174396 | 6.313688 | .5280241 | 1.025359 | 1.693356 |
| #1     | 19.86130 | .3384546 | .0072791 | .0087434 | 5.546679 | 5.233049 | 7.723130 |
| #2     | 19.37790 | .3261582 | .0070544 | .0078796 | 5.538336 | 5.144652 | 7.620310 |
| #3     | 19.42746 | .3288292 | .0068312 | .0088623 | 5.492490 | 5.138093 | 7.467258 |

Sample Name: Q1440-01      Acquired: 3/3/2025 22:37:33      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 5.070526 | .2268279 | .2157935 |
| Stddev | .098506  | .0016944 | .0013743 |
| %RSD   | 1.942723 | .7469948 | .6368378 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.161333 | .2286260 | .2169756 |
| #2 | 5.084444 | .2252610 | .2161193 |
| #3 | 4.965801 | .2265965 | .2142856 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4218.699 | 91864.06 | 19267.42 | 2746.235 | 4670.847 |
| Stddev    | 47.748   | 741.95   | 88.20    | 23.142   | 69.576   |
| %RSD      | 1.131822 | .8076638 | .4577861 | .8426734 | 1.489583 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 4178.208 | 91014.47 | 19326.77 | 2722.355 | 4609.649 |
| #2 | 4206.536 | 92193.27 | 19166.06 | 2768.561 | 4656.370 |
| #3 | 4271.352 | 92384.45 | 19309.41 | 2747.788 | 4746.523 |

Sample Name: Q1441-01      Acquired: 3/3/2025 22:41:37      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0688597 | -.022438 | .1441752 | -.040092 | -.000286 | 212.2663 |
| Stddev | .0010799 | .002696  | .0031071 | .003159  | .000372  | 1.8366   |
| %RSD   | 1.568204 | 12.01636 | 2.155050 | 7.880158 | 130.1903 | .8652175 |
| #1     | .0681791 | -.022512 | .1467503 | -.038759 | -.000091 | 213.3037 |
| #2     | .0701048 | -.025096 | .1450511 | -.043700 | -.000052 | 210.1457 |
| #3     | .0682951 | -.019705 | .1407242 | -.037818 | -.000714 | 213.3493 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6244620 | .0128095 | .0152264 | 59.55996 | .2036046 | .2829142 |
| Stddev | .0023395 | .0000890 | .0021651 | .27530   | .0021766 | .0058854 |
| %RSD   | .3746483 | .6946249 | 14.21963 | .4622173 | 1.069052 | 2.080279 |
| #1     | .6258513 | .0128637 | .0176437 | 59.66780 | .2039623 | .2897059 |
| #2     | .6217609 | .0127068 | .0145703 | 59.24707 | .2012712 | .2793119 |
| #3     | .6257738 | .0128581 | .0134652 | 59.76501 | .2055802 | .2797248 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6212290 | 429.6728 | 5.017174 | 51.49283 | .2954380 | .0080640 |
| Stddev | .0090689 | 2.1119   | .028724  | .27262   | .0055105 | .0003808 |
| %RSD   | 1.459825 | .4915119 | .5725111 | .5294411 | 1.865186 | 4.722277 |
| #1     | .6316840 | 430.1488 | 5.034157 | 51.55186 | .3017974 | .0080004 |
| #2     | .6165152 | 427.3635 | 4.984010 | 51.19553 | .2920759 | .0084727 |
| #3     | .6154878 | 431.5060 | 5.033355 | 51.73111 | .2924406 | .0077190 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.825297 | .7652912 | .4730843 | 8.202281 | 1.409086 | .0051155 |
| Stddev | .054301  | .0051742 | .0063115 | .049190  | .006964  | .0001689 |
| %RSD   | .6939124 | .6761120 | 1.334117 | .5997173 | .4942192 | 3.301303 |
| #1     | 7.842965 | .7679061 | .4744002 | 8.226772 | 1.410697 | .0053105 |
| #2     | 7.764363 | .7593314 | .4662187 | 8.145653 | 1.401458 | .0050144 |
| #3     | 7.868564 | .7686361 | .4786342 | 8.234419 | 1.415104 | .0050216 |

Sample Name: Q1441-01      Acquired: 3/3/2025 22:41:37      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.005896 | F 12.29225 | 4.091610 | 8.129816 | 2.669832 | .2830881 |
| Stddev | .000548  | .05502     | .041451  | .146233  | .065026  | .0017116 |
| %RSD   | 9.292924 | .4475836   | 1.013071 | 1.798725 | 2.435586 | .6046228 |
| #1     | -.005628 | 12.32009   | 4.108628 | 8.297184 | 2.744895 | .2838164 |
| #2     | -.005534 | 12.22887   | 4.044359 | 8.065498 | 2.633907 | .2811328 |
| #3     | -.006526 | 12.32778   | 4.121844 | 8.026767 | 2.630694 | .2843152 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2327790 |
| Stddev | .0008506 |
| %RSD   | .3654204 |
| #1     | .2332650 |
| #2     | .2317968 |
| #3     | .2332753 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 4914.053 | 108166.4 | 22284.85 | 3270.255 | 4552.699 |
| Stddev    | 51.801   | 935.5    | 100.76   | 32.819   | 74.378   |
| %RSD      | 1.054148 | .8648869 | .4521349 | 1.003566 | 1.633719 |
| #1        | 4854.241 | 108196.5 | 22273.80 | 3267.083 | 4466.822 |
| #2        | 4943.490 | 109086.5 | 22390.67 | 3304.545 | 4594.640 |
| #3        | 4944.429 | 107216.2 | 22190.07 | 3239.137 | 4596.635 |

Sample Name: Q1447-02DUP      Acquired: 3/3/2025 22:45:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.004118 | -.006198 | .1002152 | .0045326 | .0017744 | .0422540 | .6230256 |
| Stddev | .001845  | .001105  | .0022676 | .0009776 | .0005330 | .0012774 | .0054334 |
| %RSD   | 44.81266 | 17.82340 | 2.262713 | 21.56730 | 30.03740 | 3.023216 | .8720915 |
| #1     | -.003010 | -.005488 | .1007513 | .0046275 | .0023654 | .0429882 | .6211544 |
| #2     | -.003095 | -.005634 | .1021667 | .0035111 | .0016277 | .0407790 | .6291473 |
| #3     | -.006248 | -.007471 | .0977276 | .0054593 | .0013301 | .0429948 | .6187752 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001437 | .0018413 | 28.73821 | .0007939 | .0010466 | .0153993 | .0760872 |
| Stddev | .0000397 | .0000397 | .20583   | .0001803 | .0001896 | .0000666 | .0024861 |
| %RSD   | 27.66726 | 2.157958 | .7162282 | 22.70522 | 18.11605 | .4326525 | 3.267389 |
| #1     | .0000980 | .0018853 | 28.65550 | .0010002 | .0009491 | .0153251 | .0742811 |
| #2     | .0001622 | .0018081 | 28.97253 | .0007152 | .0012651 | .0154539 | .0789226 |
| #3     | .0001708 | .0018306 | 28.58660 | .0006664 | .0009256 | .0154189 | .0750578 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8683290 | 5.194615 | .0079131 | -.000249 | 345.3731 | -.000470 | .3549751 |
| Stddev | .0070705 | .028736  | .0001750 | .000090  | 4.5335   | .000409  | .0037715 |
| %RSD   | .8142675 | .5531865 | 2.211969 | 36.24771 | 1.312636 | 86.95289 | 1.062467 |
| #1     | .8650079 | 5.205357 | .0080434 | -.000163 | 340.5173 | -.000604 | .3506480 |
| #2     | .8764487 | 5.216433 | .0077142 | -.000343 | 349.4946 | -.000011 | .3567126 |
| #3     | .8635305 | 5.162056 | .0079818 | -.000240 | 346.1075 | -.000795 | .3575647 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.377086 | .1423015 | .0003102 | .0018450 | -.000341 | 2.001607 | .0201288 |
| Stddev | .037037  | .0008786 | .0000187 | .0009292 | .000273  | .028686  | .0030025 |
| %RSD   | 1.558097 | .6174200 | 6.020458 | 50.36163 | 80.15195 | 1.433164 | 14.91643 |
| #1     | 2.334341 | .1418309 | .0002889 | .0021507 | -.000094 | 1.971696 | .0211472 |
| #2     | 2.397263 | .1433152 | .0003237 | .0025827 | -.000293 | 2.004239 | .0167496 |
| #3     | 2.399654 | .1417585 | .0003179 | .0008015 | -.000634 | 2.028887 | .0224897 |

Sample Name: Q1447-02DUP      Acquired: 3/3/2025 22:45:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.305546 | -.009497 | .1439127 |
| Stddev | .009093  | .000991  | .0010642 |
| %RSD   | .6965212 | 10.43578 | .7394642 |
| #1     | 1.304280 | -.010289 | .1433164 |
| #2     | 1.315206 | -.008386 | .1451413 |
| #3     | 1.297152 | -.009817 | .1432804 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3489.085 | 77465.44 | 15649.00 | 2332.596 | 4638.641 |
| Stddev    | 14.926   | 679.57   | 104.86   | 15.320   | 23.573   |
| %RSD      | .4277863 | .8772604 | .6700552 | .6567868 | .5081795 |
| #1        | 3484.487 | 78214.10 | 15627.04 | 2350.193 | 4639.508 |
| #2        | 3476.999 | 77294.74 | 15556.86 | 2325.366 | 4614.647 |
| #3        | 3505.769 | 76887.50 | 15763.10 | 2322.229 | 4661.769 |

Sample Name: Q1447-02LX5      Acquired: 3/3/2025 22:50:21      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.001012 | -.001553 | .0215491 | -.000307 | .0003652 | .0102246 | .1303193 |
| Stddev | .001937  | .000328  | .0005684 | .001024  | .0009704 | .0024379 | .0018890 |
| %RSD   | 191.3895 | 21.09848 | 2.637651 | 333.4500 | 265.7356 | 23.84396 | 1.449510 |
| #1     | -.003098 | -.001383 | .0214320 | -.000122 | -.000284 | .0076396 | .1282221 |
| #2     | -.000671 | -.001930 | .0210484 | .000612  | .001481  | .0124825 | .1308484 |
| #3     | .000732  | -.001345 | .0221670 | -.001411 | -.000102 | .0105516 | .1318873 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000447 | .0004401 | 6.279834 | -.000031 | .0004023 | .0036616 | .0156158 |
| Stddev | .0000094 | .0000130 | .086321  | .000467  | .0000489 | .0001854 | .0026766 |
| %RSD   | 21.03271 | 2.942570 | 1.374583 | 1492.435 | 12.14513 | 5.062958 | 17.14027 |
| #1     | .0000356 | .0004288 | 6.181216 | -.000391 | .0004063 | .0038637 | .0152937 |
| #2     | .0000544 | .0004542 | 6.316600 | .000496  | .0004490 | .0036217 | .0131148 |
| #3     | .0000441 | .0004372 | 6.341685 | -.000199 | .0003516 | .0034994 | .0184389 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1915289 | 1.133872 | .0016146 | -.000315 | 72.12762 | -.001126 | .0790213 |
| Stddev | .0023235 | .033544  | .0001435 | .000152  | .49689   | .001155  | .0004018 |
| %RSD   | 1.213123 | 2.958334 | 8.886628 | 48.10111 | .6889017 | 102.6479 | .5084392 |
| #1     | .1891701 | 1.095404 | .0014607 | -.000142 | 71.80115 | .000016  | .0788303 |
| #2     | .1916012 | 1.149197 | .0016382 | -.000379 | 72.69946 | -.001098 | .0794829 |
| #3     | .1938154 | 1.157017 | .0017448 | -.000424 | 71.88224 | -.002294 | .0787507 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5522779 | .0360845 | .0000633 | .0004290 | .0000893 | .4205361 | .0031702 |
| Stddev | .0119389 | .0011954 | .0001290 | .0011684 | .0006898 | .0070912 | .0040357 |
| %RSD   | 2.161752 | 3.312736 | 204.0392 | 272.3364 | 772.4243 | 1.686226 | 127.3010 |
| #1     | .5385103 | .0351775 | .0001530 | .0005474 | .0007910 | .4130988 | .0002762 |
| #2     | .5585470 | .0356369 | -.000085 | -.000794 | -.000588 | .4212884 | .0014541 |
| #3     | .5597762 | .0374391 | .000121  | .001534  | .000065  | .4272211 | .0077803 |

Sample Name: Q1447-02LX5      Acquired: 3/3/2025 22:50:21      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .3097024 | .0025607 | .0307746 |
| Stddev | .0032345 | .0010245 | .0004180 |
| %RSD   | 1.044391 | 40.00963 | 1.358373 |
| #1     | .3134166 | .0016170 | .0302938 |
| #2     | .3075058 | .0036504 | .0309780 |
| #3     | .3081847 | .0024148 | .0310520 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3651.313 | 79373.12 | 15432.67 | 2383.274 | 5022.012 |
| Stddev    | 36.621   | 601.61   | 171.39   | 27.217   | 50.298   |
| %RSD      | 1.002964 | .7579500 | 1.110557 | 1.141985 | 1.001560 |
| #1        | 3622.629 | 79548.24 | 15630.56 | 2383.448 | 4981.167 |
| #2        | 3692.563 | 78703.38 | 15331.33 | 2355.970 | 5078.193 |
| #3        | 3638.745 | 79867.73 | 15336.14 | 2410.403 | 5006.676 |



Sample Name: Q1447-02MS      Acquired: 3/3/2025 22:54:40      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .9522713 | 2.118556 | 1.198020 | 2.282791 | .9362037 | 2.213077 | .8183859 |
| Stddev | .0201083 | .033136  | .020786  | .041532  | .0201587 | .013571  | .0046501 |
| %RSD   | 2.111612 | 1.564093 | 1.735026 | 1.819350 | 2.153236 | .6132233 | .5681992 |
| #1     | .9342002 | 2.083411 | 1.177907 | 2.246228 | .9150717 | 2.208669 | .8165338 |
| #2     | .9486805 | 2.123029 | 1.196733 | 2.274199 | .9383168 | 2.228305 | .8236766 |
| #3     | .9739330 | 2.149229 | 1.219419 | 2.327948 | .9552226 | 2.202259 | .8149473 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2138365 | .2303455 | 28.79219 | .4663833 | .2328282 | .3526676 | 3.871855 |
| Stddev | .0007135 | .0038025 | .15637   | .0007644 | .0034689 | .0064918 | .031620  |
| %RSD   | .3336742 | 1.650795 | .5431142 | .1638930 | 1.489903 | 1.840755 | .8166537 |
| #1     | .2130155 | .2268376 | 28.72461 | .4672119 | .2297097 | .3464842 | 3.877135 |
| #2     | .2143073 | .2298126 | 28.97098 | .4662323 | .2322104 | .3520896 | 3.900502 |
| #3     | .2141866 | .2343864 | 28.68097 | .4657057 | .2365645 | .3594290 | 3.837928 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.047500 | 7.121775 | .5806081 | .0854480 | 341.4965 | .3380169 | .5795143 |
| Stddev | .005162  | .050751  | .0102750 | .0000737 | 1.0013   | .0037709 | .0012069 |
| %RSD   | .4928215 | .7126115 | 1.769689 | .0862892 | .2932178 | 1.115607 | .2082600 |
| #1     | 1.045356 | 7.086800 | .5708111 | .0853911 | 341.9233 | .3358961 | .5804390 |
| #2     | 1.053388 | 7.179984 | .5797109 | .0854216 | 340.3525 | .3423707 | .5799550 |
| #3     | 1.043754 | 7.098543 | .5913022 | .0855313 | 342.2138 | .3357839 | .5781490 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.83946 | .4299295 | .4877698 | .8097694 | .2211925 | 2.970383 | 6.973373 |
| Stddev | .07316   | .0017881 | .0086891 | .0114117 | .0013933 | .011207  | .111495  |
| %RSD   | .4930104 | .4159010 | 1.781390 | 1.409256 | .6298869 | .3772748 | 1.598873 |
| #1     | 14.88602 | .4281158 | .4793630 | .7987741 | .2201483 | 2.971687 | 6.869465 |
| #2     | 14.87723 | .4316908 | .4872304 | .8089779 | .2227745 | 2.980881 | 6.959497 |
| #3     | 14.75514 | .4299819 | .4967161 | .8215563 | .2206546 | 2.958582 | 7.091157 |

Sample Name: Q1447-02MS      Acquired: 3/3/2025 22:54:40      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.212369 | .2171496 | .3597369 |
| Stddev | .014992  | .0022581 | .0019896 |
| %RSD   | 1.236612 | 1.039870 | .5530783 |
| #1     | 1.197160 | .2150186 | .3583879 |
| #2     | 1.212812 | .2195163 | .3620219 |
| #3     | 1.227135 | .2169140 | .3588010 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3511.513 | 76687.53 | 15719.28 | 2292.491 | 4661.478 |
| Stddev    | 56.009   | 72.71    | 54.50    | 9.743    | 70.976   |
| %RSD      | 1.595020 | .0948168 | .3467096 | .4250149 | 1.522610 |
| #1        | 3564.207 | 76716.43 | 15778.16 | 2284.533 | 4727.655 |
| #2        | 3517.641 | 76604.81 | 15670.60 | 2289.583 | 4670.258 |
| #3        | 3452.692 | 76741.35 | 15709.09 | 2303.358 | 4586.520 |

Sample Name: Q1447-02MSD      Acquired: 3/3/2025 22:58:48      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .8944160 | 1.996975 | 1.126127 | 2.140594 | .8761601 | 2.087879 | .7578698 |
| Stddev | .0043560 | .035296  | .006046  | .010569  | .0023139 | .034111  | .0104913 |
| %RSD   | .4870178 | 1.767467 | .5369273 | .4937234 | .2641011 | 1.633754 | 1.384310 |
| #1     | .8981233 | 2.036782 | 1.132986 | 2.151617 | .8787499 | 2.127112 | .7697812 |
| #2     | .8955062 | 1.984649 | 1.123825 | 2.130547 | .8754346 | 2.071280 | .7538264 |
| #3     | .8896185 | 1.969496 | 1.121569 | 2.139618 | .8742959 | 2.065244 | .7500019 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2069328 | .2153381 | 26.93678 | .4348111 | .2174724 | .3339050 | 3.369532 |
| Stddev | .0029531 | .0010550 | .36502   | .0167260 | .0009679 | .0007200 | .103044  |
| %RSD   | 1.427090 | .4899262 | 1.355102 | 3.846722 | .4450873 | .2156349 | 3.058117 |
| #1     | .2101408 | .2165131 | 27.35027 | .4515565 | .2183167 | .3346712 | 3.476112 |
| #2     | .2043277 | .2150289 | 26.80078 | .4181046 | .2176845 | .3338014 | 3.270431 |
| #3     | .2063298 | .2144722 | 26.65928 | .4347723 | .2164160 | .3332424 | 3.362052 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9840091 | 6.703807 | .5462980 | .0793062 | 307.2186 | .3157768 | .5369668 |
| Stddev | .0085671 | .079936  | .0023326 | .0026686 | 8.2711   | .0036198 | .0196662 |
| %RSD   | .8706283 | 1.192398 | .4269849 | 3.364967 | 2.692256 | 1.146329 | 3.662451 |
| #1     | .9936897 | 6.787369 | .5489874 | .0819963 | 313.8920 | .3199566 | .5557353 |
| #2     | .9809321 | 6.628073 | .5450817 | .0766596 | 297.9649 | .3137084 | .5165116 |
| #3     | .9774055 | 6.695979 | .5448249 | .0792628 | 309.7989 | .3136655 | .5386535 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.38201 | .4177591 | .4538932 | .7599692 | .2070692 | 2.674323 | 6.554589 |
| Stddev | .47277   | .0080122 | .0012670 | .0050078 | .0026845 | .078413  | .047615  |
| %RSD   | 3.532895 | 1.917901 | .2791354 | .6589491 | 1.296416 | 2.932073 | .7264451 |
| #1     | 13.89642 | .4247090 | .4552395 | .7650543 | .2101566 | 2.753298 | 6.606613 |
| #2     | 12.96653 | .4089955 | .4537158 | .7598109 | .2052861 | 2.596484 | 6.543982 |
| #3     | 13.28309 | .4195727 | .4527243 | .7550424 | .2057647 | 2.673188 | 6.513170 |

Sample Name: Q1447-02MSD      Acquired: 3/3/2025 22:58:48      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.150022 | .2060470 | .3352670 |
| Stddev | .020153  | .0028041 | .0047479 |
| %RSD   | 1.752407 | 1.360914 | 1.416152 |
| #1     | 1.171217 | .2092429 | .3406836 |
| #2     | 1.147743 | .2048996 | .3332923 |
| #3     | 1.131105 | .2039987 | .3318252 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3508.775 | 77264.58 | 15109.75 | 2298.777 | 4649.991 |
| Stddev    | 9.628    | 2485.71  | 169.00   | 73.237   | 18.090   |
| %RSD      | .2743955 | 3.217146 | 1.118508 | 3.185931 | .3890236 |
| #1        | 3499.434 | 74858.70 | 14915.90 | 2228.473 | 4633.427 |
| #2        | 3508.223 | 79823.10 | 15226.13 | 2374.632 | 4647.253 |
| #3        | 3518.666 | 77111.94 | 15187.23 | 2293.226 | 4669.294 |

Sample Name: Q1447-02A      Acquired: 3/3/2025 23:02:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .8768261 | 1.959559 | 1.107352 | 2.103335 | .8620896 | 2.040021 | .7563616 |
| Stddev | .0042534 | .023615  | .008897  | .015363  | .0084957 | .024024  | .0075832 |
| %RSD   | .4850903 | 1.205143 | .8034553 | .7304010 | .9854803 | 1.177630 | 1.002587 |
| #1     | .8800881 | 1.985648 | 1.117564 | 2.120997 | .8718878 | 2.012774 | .7476857 |
| #2     | .8720154 | 1.953388 | 1.103213 | 2.095934 | .8567733 | 2.049136 | .7596741 |
| #3     | .8783750 | 1.939642 | 1.101277 | 2.093073 | .8576076 | 2.058155 | .7617250 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1972117 | .2113603 | 26.50553 | .4227140 | .2141135 | .3284876 | 3.382193 |
| Stddev | .0015763 | .0014915 | .27169   | .0020377 | .0016615 | .0020785 | .008647  |
| %RSD   | .7993096 | .7056453 | 1.025049 | .4820508 | .7760043 | .6327515 | .2556566 |
| #1     | .1954363 | .2130419 | 26.19472 | .4236530 | .2160195 | .3307798 | 3.385063 |
| #2     | .1984469 | .2108414 | 26.62396 | .4241129 | .2133501 | .3279574 | 3.389041 |
| #3     | .1977520 | .2101976 | 26.69790 | .4203761 | .2129709 | .3267255 | 3.372477 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9705121 | 6.544734 | .5364303 | .0767072 | 305.2346 | .3118654 | .5221337 |
| Stddev | .0093555 | .045922  | .0043722 | .0007133 | 1.1206   | .0021903 | .0028901 |
| %RSD   | .9639769 | .7016615 | .8150475 | .9298337 | .3671268 | .7023161 | .5535119 |
| #1     | .9604350 | 6.498533 | .5412666 | .0767697 | 306.3900 | .3100313 | .5254700 |
| #2     | .9721793 | 6.590372 | .5352663 | .0773872 | 304.1524 | .3112743 | .5205326 |
| #3     | .9789219 | 6.545296 | .5327579 | .0759648 | 305.1615 | .3142905 | .5203986 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.34910 | .3966965 | .4468076 | .7464968 | .2053535 | 2.669049 | 6.381952 |
| Stddev | .00666   | .0037094 | .0034201 | .0073691 | .0021219 | .013097  | .055615  |
| %RSD   | .0499027 | .9350796 | .7654648 | .9871558 | 1.033275 | .4906952 | .8714390 |
| #1     | 13.34836 | .3926355 | .4506708 | .7542236 | .2030946 | 2.667962 | 6.443389 |
| #2     | 13.35609 | .3975476 | .4455861 | .7457199 | .2056611 | 2.682655 | 6.367425 |
| #3     | 13.34283 | .3999064 | .4441659 | .7395469 | .2073047 | 2.656529 | 6.335043 |

Sample Name: Q1447-02A      Acquired: 3/3/2025 23:02:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.119050 | .2004740 | .3326633 |
| Stddev | .007812  | .0015956 | .0032024 |
| %RSD   | .6980975 | .7959214 | .9626598 |
| #1     | 1.127113 | .1986388 | .3290612 |
| #2     | 1.118523 | .2012496 | .3337407 |
| #3     | 1.111516 | .2015335 | .3351881 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3568.653 | 79324.53 | 15852.79 | 2355.867 | 4739.691 |
| Stddev    | 24.935   | 474.94   | 107.93   | 11.160   | 34.232   |
| %RSD      | .6987297 | .5987301 | .6808134 | .4737125 | .7222410 |
| #1        | 3539.992 | 79011.99 | 15977.38 | 2344.497 | 4700.273 |
| #2        | 3580.603 | 79090.53 | 15793.01 | 2356.299 | 4756.850 |
| #3        | 3585.364 | 79871.06 | 15787.97 | 2366.805 | 4761.949 |

Sample Name: CCV04      Acquired: 3/3/2025 23:07:05      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.995263 | 4.908740 | 4.951522 | 5.012632 | 5.012283 | 9.716419 | 9.863081 |
| Stddev | .029011  | .044221  | .015085  | .031331  | .032343  | .113888  | .142281  |
| %RSD   | .5807724 | .9008576 | .3046555 | .6250431 | .6452772 | 1.172121 | 1.442560 |
| #1     | 5.026920 | 4.925695 | 4.968215 | 5.045609 | 5.047748 | 9.808084 | 9.890676 |
| #2     | 4.969946 | 4.858551 | 4.938865 | 4.983258 | 4.984413 | 9.752249 | 9.989543 |
| #3     | 4.988924 | 4.941974 | 4.947487 | 5.009027 | 5.004690 | 9.588925 | 9.709024 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2441884 | 2.481948 | 24.13048 | .9850529 | 2.489636 | 1.254888 | 4.971853 |
| Stddev | .0040437 | .007226  | .28929   | .0308058 | .010857  | .006270  | .133058  |
| %RSD   | 1.655971 | .2911548 | 1.198855 | 3.127325 | .4361050 | .4996582 | 2.676217 |
| #1     | .2440978 | 2.490256 | 24.33625 | .9661186 | 2.501787 | 1.261558 | 4.890579 |
| #2     | .2482766 | 2.478463 | 24.25547 | 1.020599 | 2.480888 | 1.249114 | 5.125407 |
| #3     | .2401908 | 2.477123 | 23.79970 | .968441  | 2.486233 | 1.253992 | 4.899573 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.434409 | 24.17156 | 2.469327 | 1.228662 | 25.09324 | 2.473450 | 2.460131 |
| Stddev | .032640  | .29141   | .009708  | .037875  | .48695   | .033393  | .073430  |
| %RSD   | 1.340791 | 1.205583 | .3931546 | 3.082617 | 1.940566 | 1.350062 | 2.984808 |
| #1     | 2.453318 | 24.30108 | 2.480314 | 1.203467 | 24.83898 | 2.494461 | 2.413208 |
| #2     | 2.453191 | 24.37576 | 2.461905 | 1.272218 | 25.65469 | 2.490945 | 2.544753 |
| #3     | 2.396720 | 23.83784 | 2.465764 | 1.210301 | 24.78606 | 2.434945 | 2.422432 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.73261 | 4.794871 | 5.018860 | 4.964692 | 4.895730 | 4.933977 | 4.861852 |
| Stddev | .47993   | .074756  | .028096  | .020624  | .063718  | .099971  | .029402  |
| %RSD   | 1.940491 | 1.559091 | .5598125 | .4154216 | 1.301502 | 2.026169 | .6047493 |
| #1     | 24.48152 | 4.778441 | 5.049145 | 4.987756 | 4.944018 | 4.860202 | 4.894929 |
| #2     | 25.28600 | 4.876476 | 4.993642 | 4.948022 | 4.919662 | 5.047754 | 4.838688 |
| #3     | 24.43030 | 4.729697 | 5.013793 | 4.958299 | 4.823511 | 4.893974 | 4.851940 |

Sample Name: CCV04      Acquired: 3/3/2025 23:07:05      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.928679 | 4.811530 | 4.989229 |
| Stddev | .029094  | .056254  | .070768  |
| %RSD   | .5903048 | 1.169143 | 1.418412 |
| #1     | 4.951898 | 4.864923 | 4.960025 |
| #2     | 4.896043 | 4.816870 | 5.069926 |
| #3     | 4.938096 | 4.752796 | 4.937738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3644.919 | 80432.45 | 15347.43 | 2390.856 | 4915.821 |
| Stddev    | 15.949   | 1995.60  | 185.77   | 52.260   | 15.378   |
| %RSD      | .4375564 | 2.481082 | 1.210448 | 2.185811 | .3128227 |
| #1        | 3628.323 | 81693.78 | 15282.92 | 2421.326 | 4899.343 |
| #2        | 3660.130 | 78131.70 | 15202.52 | 2330.513 | 4929.790 |
| #3        | 3646.303 | 81471.87 | 15556.87 | 2420.729 | 4918.330 |



Sample Name: CCB04      Acquired: 3/3/2025 23:11:15      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000512 | -.000656 | -.000703 | -.002482 | -.001205 | .0027557 | -.001785 |
| Stddev | .003021  | .000824  | .000887  | .001283  | .000404  | .0036071 | .000899  |
| %RSD   | 589.9122 | 125.5403 | 126.1864 | 51.69512 | 33.47775 | 130.8971 | 50.36130 |
| #1     | -.002808 | -.001256 | -.001691 | -.003706 | -.000753 | .0033430 | -.000781 |
| #2     | -.001639 | .000283  | .000024  | -.002592 | -.001528 | -.001109 | -.002058 |
| #3     | .002910  | -.000996 | -.000441 | -.001147 | -.001335 | .006033  | -.002516 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000002 | .0000148 | .0128954 | -.000149 | .0001078 | -.000096 | .0005905 |
| Stddev | .000029  | .0000162 | .0034533 | .000276  | .0000468 | .000278  | .0038943 |
| %RSD   | 1162.233 | 109.5992 | 26.77916 | 185.0228 | 43.45152 | 289.3429 | 659.4453 |
| #1     | -.000034 | .0000334 | .0098763 | .000131  | .0001575 | .000138  | .0042904 |
| #2     | .000021  | .0000066 | .0166608 | -.000421 | .0000646 | -.000023 | .0009539 |
| #3     | .000006  | .0000043 | .0121492 | -.000158 | .0001011 | -.000403 | -.003473 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000203 | -.005134 | -.000143 | -.000198 | .1775047 | .0005532 | -.000612 |
| Stddev | .000247  | .009892  | .000083  | .000111  | .0141628 | .0010915 | .000455  |
| %RSD   | 121.6383 | 192.6663 | 58.00617 | 56.19433 | 7.978854 | 197.2816 | 74.33995 |
| #1     | -.000311 | -.016523 | -.000223 | -.000118 | .1612712 | -.000120 | -.000160 |
| #2     | .000079  | -.000186 | -.000057 | -.000151 | .1873366 | -.000033 | -.000606 |
| #3     | -.000377 | .001307  | -.000150 | -.000325 | .1839063 | .001813  | -.001069 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1787477 | .0075670 | .0003302 | -.000194 | .0005890 | -.001278 | -.000525 |
| Stddev | .0180969 | .0009811 | .0001056 | .000461  | .0004818 | .007197  | .002651  |
| %RSD   | 10.12430 | 12.96525 | 31.96460 | 237.5845 | 81.80255 | 563.0948 | 504.6261 |
| #1     | .1607973 | .0070615 | .0004261 | -.000702 | .0000408 | -.009421 | -.001919 |
| #2     | .1784580 | .0086977 | .0003474 | -.000077 | .0007810 | .001353  | .002532  |
| #3     | .1969877 | .0069417 | .0002171 | .000197  | .0009452 | .004234  | -.002189 |

Sample Name: CCB04      Acquired: 3/3/2025 23:11:15      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0000043 | .0022593 | .0000538 |
| Stddev | .0014133 | .0006079 | .0000141 |
| %RSD   | 33173.76 | 26.90582 | 26.26148 |
| #1     | -.001169 | .0026232 | .0000500 |
| #2     | .001573  | .0015575 | .0000694 |
| #3     | -.000391 | .0025971 | .0000420 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3744.864 | 83683.95 | 15042.15 | 2490.432 | 5449.365 |
| Stddev    | 21.912   | 751.68   | 200.66   | 17.462   | 32.789   |
| %RSD      | .5851225 | .8982321 | 1.334004 | .7011687 | .6017016 |
| #1        | 3753.243 | 84496.94 | 14820.38 | 2509.036 | 5466.886 |
| #2        | 3761.351 | 83540.69 | 15094.91 | 2487.865 | 5469.672 |
| #3        | 3719.999 | 83014.21 | 15211.17 | 2474.396 | 5411.538 |

Sample Name: Q1439-02DUP      Acquired: 3/3/2025 23:15:36      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.002070 | -.005143 | -.001997 | -.000844 | .0000844 | .0059209 |
| Stddev | .003698  | .001198  | .000978  | .001779  | .0016750 | .0065361 |
| %RSD   | 178.6488 | 23.29945 | 48.98172 | 210.8307 | 1983.696 | 110.3916 |
| #1     | -.001643 | -.006452 | -.001739 | -.002863 | .0019060 | .0039363 |
| #2     | -.005963 | -.004100 | -.003078 | .000492  | -.001389 | .0132192 |
| #3     | .001396  | -.004877 | -.001173 | -.000160 | -.000263 | .0006070 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1555890 | -.000142 | .0000310 | 112.8260 | .0055860 | -.000134 |
| Stddev | .0010029 | .000061  | .0000716 | .4743    | .0004682 | .000135  |
| %RSD   | .6445673 | 43.26877 | 231.1578 | .4203729 | 8.380859 | 100.2769 |
| #1     | .1546310 | -.000081 | .0001042 | 112.3270 | .0058756 | -.000200 |
| #2     | .1566314 | -.000140 | .0000274 | 112.8801 | .0058366 | .000021  |
| #3     | .1555045 | -.000204 | -.000039 | 113.2709 | .0050459 | -.000223 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0037329 | .8162641 | .3564353 | 21.93382 | .0184349 | -.000610 |
| Stddev | .0003693 | .0138928 | .0009858 | .10804   | .0000567 | .000319  |
| %RSD   | 9.893557 | 1.701995 | .2765733 | .4925504 | .3077630 | 52.29211 |
| #1     | .0039062 | .8259217 | .3555821 | 21.89447 | .0184859 | -.000959 |
| #2     | .0033088 | .8225285 | .3575145 | 21.85098 | .0184449 | -.000539 |
| #3     | .0039838 | .8003422 | .3562093 | 22.05602 | .0183738 | -.000333 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 212.8069 | .0043622 | .0796563 | 17.59940 | .2625646 | .0089030 |
| Stddev | 3.7285   | .0024751 | .0019869 | .37734   | .0007763 | .0002577 |
| %RSD   | 1.752065 | 56.73985 | 2.494406 | 2.144047 | .2956775 | 2.894536 |
| #1     | 216.8210 | .0015273 | .0805343 | 17.84242 | .2616684 | .0091932 |
| #2     | 212.1477 | .0060939 | .0810531 | 17.79108 | .2630315 | .0087009 |
| #3     | 209.4519 | .0054655 | .0773816 | 17.16469 | .2629939 | .0088150 |

Sample Name: Q1439-02DUP      Acquired: 3/3/2025 23:15:36      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -0.003065 | -0.002754 | F 12.00292 | .1469702 | F 27.62087 | -.014806 |
| Stddev | .001174   | .000420   | .24568     | .0012468 | .09767     | .000863  |
| %RSD   | 38.28274  | 15.25929  | 2.046854   | .8483032 | .3535977   | 5.827677 |
| #1     | -0.003804 | -0.002275 | 12.18985   | .1455307 | 27.50834   | -.013835 |
| #2     | -0.003680 | -0.003059 | 12.09427   | .1476713 | 27.68362   | -.015483 |
| #3     | -0.001712 | -0.002927 | 11.72465   | .1477086 | 27.67064   | -.015101 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 1.187273 |
| Stddev | .010025  |
| %RSD   | .8443666 |
| #1     | 1.176135 |
| #2     | 1.195572 |
| #3     | 1.190112 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3509.321 | 77606.19 | 15590.32 | 2304.213 | 4715.241 |
| Stddev    | .977     | 1495.34  | 87.01    | 45.806   | 4.951    |
| %RSD      | .0278399 | 1.926837 | .5580993 | 1.987911 | .1049981 |
| #1        | 3508.205 | 76396.38 | 15635.01 | 2262.740 | 4719.881 |
| #2        | 3510.020 | 77144.18 | 15645.90 | 2296.523 | 4715.813 |
| #3        | 3509.740 | 79278.02 | 15490.05 | 2353.378 | 4710.029 |

Sample Name: Q1439-02LX5      Acquired: 3/3/2025 23:20:06      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000612 | .0003748 | -.000140 | -.000686 | -.000803 | -.001152 | .0356187 |
| Stddev | .001188  | .0009593 | .001598  | .004343  | .001213  | .006357  | .0011746 |
| %RSD   | 194.1067 | 255.9399 | 1144.398 | 633.3677 | 151.0839 | 551.6903 | 3.297646 |
| #1     | .000532  | -.000242 | -.001413 | -.005691 | -.002088 | -.008448 | .0367987 |
| #2     | -.001840 | -.000114 | .001654  | .001546  | -.000642 | .001795  | .0344496 |
| #3     | -.000528 | .001480  | -.000660 | .002088  | .000322  | .003196  | .0356078 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000049 | .0000152 | 26.45804 | .0022596 | .0000725 | .0009891 | .1868947 |
| Stddev | .000043  | .0000300 | .57241   | .0002889 | .0000488 | .0003022 | .0076644 |
| %RSD   | 88.42213 | 197.7995 | 2.163476 | 12.78462 | 67.37516 | 30.54860 | 4.100914 |
| #1     | -.000097 | .0000357 | 26.68891 | .0025921 | .0000167 | .0006453 | .1927224 |
| #2     | -.000036 | .0000290 | 25.80625 | .0020706 | .0001075 | .0012126 | .1782127 |
| #3     | -.000013 | -.000019 | 26.87897 | .0021161 | .0000933 | .0011095 | .1897489 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0832992 | 5.163440 | .0041629 | -.000561 | 46.13296 | .0019041 | .0180638 |
| Stddev | .0016565 | .087608  | .0002708 | .000116  | .72352   | .0007870 | .0006279 |
| %RSD   | 1.988605 | 1.696693 | 6.505236 | 20.62455 | 1.568332 | 41.33236 | 3.475763 |
| #1     | .0838627 | 5.194828 | .0038740 | -.000528 | 46.78527 | .0027842 | .0183925 |
| #2     | .0814344 | 5.064462 | .0044110 | -.000465 | 45.35476 | .0012681 | .0173399 |
| #3     | .0846003 | 5.231030 | .0042036 | -.000689 | 46.25885 | .0016600 | .0184591 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.801450 | .0700055 | .0021751 | -.001668 | -.000456 | 2.614979 | .0332966 |
| Stddev | .068734  | .0001298 | .0001910 | .000558  | .000685  | .041769  | .0008514 |
| %RSD   | 1.808103 | .1854001 | 8.781738 | 33.46041 | 150.1980 | 1.597311 | 2.557114 |
| #1     | 3.817086 | .0701515 | .0020631 | -.001764 | -.000781 | 2.648964 | .0336499 |
| #2     | 3.726245 | .0699617 | .0020666 | -.002173 | -.000919 | 2.568348 | .0323254 |
| #3     | 3.861020 | .0699033 | .0023957 | -.001069 | .000331  | 2.627626 | .0339146 |

Sample Name: Q1439-02LX5      Acquired: 3/3/2025 23:20:06      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 6.177850 | .0016778 | .2732239 |
| Stddev | .052058  | .0004873 | .0063187 |
| %RSD   | .8426630 | 29.04542 | 2.312648 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 6.123629 | .0012157 | .2755712 |
| #2 | 6.182485 | .0021869 | .2660675 |
| #3 | 6.227436 | .0016307 | .2780331 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3747.950 | 81317.26 | 15343.26 | 2474.227 | 5181.744 |
| Stddev    | 21.003   | 1159.51  | 261.96   | 36.107   | 35.762   |
| %RSD      | .5603876 | 1.425904 | 1.707311 | 1.459308 | .6901600 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3771.076 | 80149.03 | 15209.49 | 2443.220 | 5220.171 |
| #2 | 3742.713 | 82467.84 | 15645.10 | 2513.868 | 5175.625 |
| #3 | 3730.061 | 81334.90 | 15175.20 | 2465.593 | 5149.436 |

Sample Name: Q1439-02MS      Acquired: 3/3/2025 23:24:23      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .8127514 | 1.797306 | .9362062 | 1.897243 | 1.348344 | 1.838198 |
| Stddev | .0128613 | .003765  | .0163044 | .031717  | .022364  | .026025  |
| %RSD   | 1.582438 | .2094737 | 1.741540 | 1.671754 | 1.658598 | 1.415810 |
| #1     | .7987528 | 1.793016 | .9189583 | 1.861592 | 1.323133 | 1.838619 |
| #2     | .8240451 | 1.798837 | .9513658 | 1.922330 | 1.365790 | 1.811964 |
| #3     | .8154562 | 1.800064 | .9382945 | 1.907807 | 1.356110 | 1.864010 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3379017 | .1823150 | .1915628 | 110.3462 | .3911544 | .1950852 |
| Stddev | .0039044 | .0012439 | .0033757 | 1.2257   | .0100849 | .0031676 |
| %RSD   | 1.155489 | .6822843 | 1.762198 | 1.110763 | 2.578237 | 1.623699 |
| #1     | .3401423 | .1833366 | .1877717 | 110.9614 | .3818718 | .1916687 |
| #2     | .3333933 | .1809298 | .1942431 | 108.9348 | .4018850 | .1979245 |
| #3     | .3401694 | .1826786 | .1926737 | 111.1425 | .3897065 | .1956624 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2949016 | 3.829657 | .5317829 | 22.96811 | .5029020 | .0605779 |
| Stddev | .0050067 | .096845  | .0068151 | .29244   | .0085502 | .0015161 |
| %RSD   | 1.697763 | 2.528810 | 1.281555 | 1.273248 | 1.700166 | 2.502717 |
| #1     | .2891699 | 3.737598 | .5334373 | 23.16085 | .4935839 | .0591073 |
| #2     | .2984219 | 3.930666 | .5242929 | 22.63162 | .5103869 | .0621357 |
| #3     | .2971130 | 3.820706 | .5376185 | 23.11187 | .5047351 | .0604907 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 212.5326 | .2885993 | .2748497 | 27.84811 | .5026318 | .7023084 |
| Stddev | 5.4599   | .0033636 | .0075740 | .68003   | .0052055 | .0110400 |
| %RSD   | 2.568989 | 1.165497 | 2.755676 | 2.441932 | 1.035657 | 1.571967 |
| #1     | 206.8475 | .2917662 | .2670488 | 27.16319 | .5062996 | .6900400 |
| #2     | 217.7354 | .2850685 | .2821743 | 28.52315 | .4966738 | .7114424 |
| #3     | 213.0150 | .2889631 | .2753261 | 27.85798 | .5049220 | .7054426 |

Sample Name: Q1439-02MS      Acquired: 3/3/2025 23:24:23      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.149245 | .3122321 | F 13.12328 | 6.101077 | F 27.51254 | .1787459 |
| Stddev | .017156  | .0025024 | .32329     | .093114  | .41163     | .0014928 |
| %RSD   | 1.492782 | .8014622 | 2.463512   | 1.526187 | 1.496160   | .8351418 |
| #1     | 1.130321 | .3131771 | 12.80348   | 5.994822 | 27.04234   | .1798572 |
| #2     | 1.163779 | .3093948 | 13.44996   | 6.168442 | 27.80786   | .1770492 |
| #3     | 1.153634 | .3141245 | 13.11640   | 6.139966 | 27.68741   | .1793314 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.350482 |
| Stddev | .027511  |
| %RSD   | 2.037104 |
| #1     | 1.353351 |
| #2     | 1.321649 |
| #3     | 1.376445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3492.147 | 77922.52 | 15858.40 | 2345.941 | 4669.438 |
| Stddev    | 43.390   | 1507.33  | 240.95   | 43.433   | 60.399   |
| %RSD      | 1.242498 | 1.934399 | 1.519408 | 1.851416 | 1.293506 |
| #1        | 3541.440 | 79406.98 | 15668.81 | 2391.867 | 4736.730 |
| #2        | 3459.732 | 76393.31 | 16129.55 | 2305.528 | 4619.921 |
| #3        | 3475.270 | 77967.26 | 15776.83 | 2340.427 | 4651.663 |



Sample Name: Q1439-02MSD      Acquired: 3/3/2025 23:28:37      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .8142249 | 1.782764 | .9282373 | 1.894358 | 1.346817 | 1.875808 |
| Stddev | .0072881 | .021004  | .0082032 | .013193  | .006455  | .024211  |
| %RSD   | .8951022 | 1.178163 | .8837366 | .6964243 | .4792724 | 1.290680 |
| #1     | .8063765 | 1.765982 | .9193281 | 1.879195 | 1.339541 | 1.861014 |
| #2     | .8155187 | 1.775992 | .9299057 | 1.900669 | 1.349056 | 1.903748 |
| #3     | .8207795 | 1.806319 | .9354780 | 1.903209 | 1.351855 | 1.862662 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3337335 | .1843033 | .1904253 | 111.5143 | .3975817 | .1943912 |
| Stddev | .0065185 | .0026549 | .0013070 | 2.1956   | .0105327 | .0009638 |
| %RSD   | 1.953207 | 1.440518 | .6863853 | 1.968937 | 2.649201 | .4957985 |
| #1     | .3286318 | .1818087 | .1889996 | 109.6718 | .4005868 | .1932854 |
| #2     | .3410771 | .1870937 | .1907093 | 113.9438 | .3858730 | .1948355 |
| #3     | .3314917 | .1840074 | .1915670 | 110.9274 | .4062853 | .1950526 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2925686 | 3.827506 | .5318504 | 23.37073 | .4992557 | .0610393 |
| Stddev | .0023637 | .059744  | .0112378 | .50595   | .0033140 | .0015622 |
| %RSD   | .8079119 | 1.560915 | 2.112963 | 2.164886 | .6637897 | 2.559333 |
| #1     | .2900361 | 3.829587 | .5222904 | 22.90247 | .4959513 | .0618178 |
| #2     | .2929535 | 3.766748 | .5442293 | 23.90741 | .4992365 | .0592409 |
| #3     | .2947163 | 3.886182 | .5290316 | 23.30230 | .5025793 | .0620593 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 212.4093 | .2894225 | .2785886 | 27.70417 | .5099860 | .7000223 |
| Stddev | 4.7453   | .0040239 | .0057776 | .55644   | .0092534 | .0043248 |
| %RSD   | 2.234043 | 1.390334 | 2.073898 | 2.008517 | 1.814444 | .6178156 |
| #1     | 214.2283 | .2865791 | .2801525 | 27.90563 | .5002424 | .6951095 |
| #2     | 207.0236 | .2940267 | .2721900 | 27.07506 | .5186554 | .7017024 |
| #3     | 215.9761 | .2876616 | .2834234 | 28.13183 | .5110602 | .7032550 |

Sample Name: Q1439-02MSD      Acquired: 3/3/2025 23:28:37      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.143666 | .3142438 | F 13.29397 | 6.036051 | F 27.27557 | .1801160 |
| Stddev | .008578  | .0071305 | .23692     | .039104  | .19367     | .0024673 |
| %RSD   | .7500725 | 2.269090 | 1.782175   | .6478397 | .7100532   | 1.369824 |
| #1     | 1.134628 | .3080057 | 13.36326   | 5.992326 | 27.07039   | .1784388 |
| #2     | 1.144674 | .3220167 | 13.03013   | 6.048153 | 27.30112   | .1829490 |
| #3     | 1.151695 | .3127089 | 13.48852   | 6.067673 | 27.45519   | .1789602 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | 1.336983 |
| Stddev | .009137  |
| %RSD   | .6834231 |
| #1     | 1.328073 |
| #2     | 1.346332 |
| #3     | 1.336543 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3505.898 | 76827.74 | 15554.84 | 2259.176 | 4699.113 |
| Stddev    | 22.944   | 1608.22  | 290.07   | 38.699   | 30.670   |
| %RSD      | .6544391 | 2.093278 | 1.864802 | 1.712972 | .6526768 |
| #1        | 3532.200 | 76496.57 | 15823.18 | 2243.823 | 4733.254 |
| #2        | 3495.497 | 78575.77 | 15247.08 | 2303.196 | 4690.192 |
| #3        | 3489.996 | 75410.89 | 15594.27 | 2230.509 | 4673.892 |

Sample Name: Q1439-02A      Acquired: 3/3/2025 23:32:52      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 1.257671 | 2.791737 | 1.438563 | 2.941717 | .7872943 | 2.934072 |
| Stddev | .007357  | .019358  | .002214  | .013105  | .0014342 | .051992  |
| %RSD   | .5849979 | .6934121 | .1539303 | .4454824 | .1821676 | 1.772023 |
| #1     | 1.249532 | 2.778352 | 1.436008 | 2.927105 | .7880483 | 2.875171 |
| #2     | 1.263851 | 2.782926 | 1.439914 | 2.945613 | .7856403 | 2.973585 |
| #3     | 1.259631 | 2.813934 | 1.439768 | 2.952431 | .7881941 | 2.953459 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4244217 | .2935210 | .2956101 | 109.6016 | .6207566 | .3029878 |
| Stddev | .0062079 | .0038626 | .0015319 | 1.6276   | .0023140 | .0009585 |
| %RSD   | 1.462680 | 1.315965 | .5182113 | 1.485057 | .3727665 | .3163386 |
| #1     | .4174520 | .2890925 | .2938454 | 107.7410 | .6181212 | .3019873 |
| #2     | .4293576 | .2952755 | .2963883 | 110.7622 | .6224557 | .3030783 |
| #3     | .4264556 | .2961950 | .2965967 | 110.3015 | .6216929 | .3038978 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4476181 | 5.282715 | .6252590 | 24.06172 | .7602897 | .0446362 |
| Stddev | .0018522 | .044378  | .0078328 | .34444   | .0034667 | .0001484 |
| %RSD   | .4137819 | .8400573 | 1.252733 | 1.431465 | .4559690 | .3325103 |
| #1     | .4456327 | 5.259467 | .6166576 | 23.66805 | .7565158 | .0446115 |
| #2     | .4479221 | 5.333887 | .6319813 | 24.30755 | .7610210 | .0447954 |
| #3     | .4492994 | 5.254792 | .6271382 | 24.20958 | .7633325 | .0445017 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 207.1935 | .4497311 | .3890322 | 32.25705 | .6634877 | .4163041 |
| Stddev | 2.2298   | .0064077 | .0039690 | .19977   | .0106504 | .0019400 |
| %RSD   | 1.076202 | 1.424780 | 1.020228 | .6193218 | 1.605209 | .4659954 |
| #1     | 207.5627 | .4423593 | .3848258 | 32.09839 | .6512608 | .4142296 |
| #2     | 209.2157 | .4528680 | .3927110 | 32.48140 | .6684581 | .4166093 |
| #3     | 204.8022 | .4539659 | .3895599 | 32.19136 | .6707443 | .4180734 |

Sample Name: Q1439-02A      Acquired: 3/3/2025 23:32:52      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .6694945 | .1821523 | F 12.31521 | 9.157906 | F 26.49804 | .2865991 |
| Stddev | .0015733 | .0030276 | .09104     | .028671  | .15162     | .0044086 |
| %RSD   | .2350008 | 1.662101 | .7392242   | .3130714 | .5721823   | 1.538247 |
| #1     | .6679183 | .1788767 | 12.22498   | 9.126676 | 26.32847   | .2820508 |
| #2     | .6710649 | .1848480 | 12.40703   | 9.164007 | 26.54511   | .2908532 |
| #3     | .6695004 | .1827321 | 12.31363   | 9.183035 | 26.62054   | .2868933 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.399364 |
| Stddev | .020655  |
| %RSD   | 1.476006 |
| #1     | 1.379987 |
| #2     | 1.397010 |
| #3     | 1.421095 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3537.455 | 77214.35 | 15254.08 | 2265.208 | 4754.603 |
| Stddev    | 5.814    | 483.51   | 231.43   | 14.472   | 13.389   |
| %RSD      | .1643603 | .6261886 | 1.517162 | .6388808 | .2815994 |
| #1        | 3542.123 | 77731.14 | 15520.78 | 2280.528 | 4769.267 |
| #2        | 3539.300 | 76772.99 | 15106.10 | 2251.768 | 4751.512 |
| #3        | 3530.943 | 77138.90 | 15135.37 | 2263.327 | 4743.029 |

Sample Name: PB166904BL      Acquired: 3/3/2025 23:42:22      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0008254 | -.000129 | -.000062 | -.002598 | -.000163 | .0016758 | -.000770 |
| Stddev | .0008153 | .001126  | .000840  | .001433  | .000814  | .0020373 | .001852  |
| %RSD   | 98.77680 | 875.9187 | 1359.432 | 55.15856 | 499.3888 | 121.5713 | 240.6102 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003154 | -.001181 | -.000371 | -.000957 | -.000871 | .0035741 | .001294  |
| #2 | .0017658 | .001059  | .000889  | -.003236 | -.000344 | .0019297 | -.002287 |
| #3 | .0003951 | -.000263 | -.000704 | -.003602 | .000726  | -.000477 | -.001315 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000085 | -.000005 | .0048726 | -.000100 | .0001081 | .0003949 | -.002982 |
| Stddev | .0000080 | .000027  | .0043188 | .000122  | .0000932 | .0003073 | .001750  |
| %RSD   | 95.19156 | 506.9632 | 88.63475 | 121.6260 | 86.21529 | 77.81309 | 58.68045 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000177 | -.000029 | .0000482 | -.000078 | .0001860 | .0005539 | -.001155 |
| #2 | .0000041 | -.000011 | .0083786 | .000009  | .0001334 | .0005902 | -.004643 |
| #3 | .0000035 | .000024  | .0061911 | -.000232 | .0000049 | .0000407 | -.003147 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002043 | -.001218 | -.000128 | -.000278 | .1608280 | -.000897 | -.000671 |
| Stddev | .0002933 | .018882  | .000405  | .000276  | .0152638 | .001015  | .000229  |
| %RSD   | 143.5514 | 1549.774 | 316.5573 | 99.42852 | 9.490736 | 113.1276 | 34.09520 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000053 | .019984  | .000290  | -.000574 | .1450051 | -.000415 | -.000933 |
| #2 | .000142  | -.016219 | -.000520 | -.000233 | .1620158 | -.002063 | -.000576 |
| #3 | .000524  | -.007421 | -.000154 | -.000027 | .1754632 | -.000213 | -.000506 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0808074 | .0016549 | .0002265 | .0000331 | -.000454 | -.007016 | .0015299 |
| Stddev | .0113969 | .0001080 | .0000959 | .0006665 | .000237  | .002908  | .0028583 |
| %RSD   | 14.10378 | 6.527431 | 42.32294 | 2015.308 | 52.25888 | 41.45051 | 186.8222 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0686476 | .0015616 | .0002423 | .0007880 | -.000312 | -.007800 | -.001770 |
| #2 | .0912455 | .0016298 | .0001238 | -.000474 | -.000727 | -.003796 | .003136  |
| #3 | .0825292 | .0017732 | .0003136 | -.000215 | -.000322 | -.009451 | .003224  |

Sample Name: PB166904BL      Acquired: 3/3/2025 23:42:22      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000167 | .0048502 | .0000143 |
| Stddev | .001095  | .0004266 | .0000175 |
| %RSD   | 654.1228 | 8.794837 | 122.4478 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000201  | .0043617 | -.000001 |
| #2 | .000696  | .0051493 | .000011  |
| #3 | -.001399 | .0050397 | .000033  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3864.830 | 86565.60 | 16044.34 | 2553.461 | 5655.935 |
| Stddev    | 7.618    | 1304.57  | 267.41   | 25.086   | 17.536   |
| %RSD      | .1971070 | 1.507029 | 1.666715 | .9824485 | .3100386 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3858.216 | 88044.60 | 15755.61 | 2582.392 | 5641.295 |
| #2 | 3863.115 | 86073.77 | 16093.93 | 2540.253 | 5651.139 |
| #3 | 3873.159 | 85578.45 | 16283.49 | 2537.739 | 5675.369 |

Sample Name: PB166904BS      Acquired: 3/3/2025 23:46:41      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .7632387 | 1.807012 | .9028418 | 1.787927 | .7848068 | 1.860958 |
| Stddev | .0108995 | .038190  | .0157128 | .030206  | .0129524 | .020135  |
| %RSD   | 1.428060 | 2.113453 | 1.740371 | 1.689428 | 1.650391 | 1.081990 |
| #1     | .7509130 | 1.763741 | .8847629 | 1.753055 | .7701721 | 1.879316 |
| #2     | .7716054 | 1.836011 | .9132072 | 1.805971 | .7947951 | 1.864135 |
| #3     | .7671978 | 1.821285 | .9105551 | 1.804754 | .7894530 | 1.839423 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1840783 | .1768667 | .1784249 | .9329516 | .3885760 | .1869482 |
| Stddev | .0006424 | .0007366 | .0029003 | .0007715 | .0020987 | .0036294 |
| %RSD   | .3489712 | .4164717 | 1.625512 | .0826991 | .5400943 | 1.941406 |
| #1     | .1847608 | .1777051 | .1751010 | .9334716 | .3878201 | .1827669 |
| #2     | .1834854 | .1763233 | .1804411 | .9320651 | .3869599 | .1892850 |
| #3     | .1839886 | .1765717 | .1797326 | .9333181 | .3909479 | .1887926 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2953680 | 2.897224 | .1928286 | 1.856053 | .4645251 | .0679633 |
| Stddev | .0047258 | .022402  | .0016491 | .010063  | .0088238 | .0004070 |
| %RSD   | 1.599955 | .7732066 | .8552171 | .5421851 | 1.899535 | .5987926 |
| #1     | .2899215 | 2.873781 | .1947318 | 1.865657 | .4544497 | .0680158 |
| #2     | .2983820 | 2.899476 | .1919310 | 1.845586 | .4708763 | .0675326 |
| #3     | .2978004 | 2.918414 | .1918229 | 1.856915 | .4682493 | .0683414 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.794390 | .2871990 | .1860805 | 9.105745 | .2484997 | .4213218 |
| Stddev | .005699  | .0036956 | .0005138 | .007033  | .0009725 | .0072969 |
| %RSD   | .2039378 | 1.286768 | .2761064 | .0772379 | .3913632 | 1.731911 |
| #1     | 2.788959 | .2911258 | .1861199 | 9.097629 | .2493361 | .4128993 |
| #2     | 2.793886 | .2837890 | .1855481 | 9.110048 | .2474325 | .4257344 |
| #3     | 2.800323 | .2866824 | .1865734 | 9.109559 | .2487305 | .4253317 |

Sample Name: PB166904BS      Acquired: 3/3/2025 23:46:41      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .6603122 | .1929108 | .7857571 | 4.974770 | F -.004420 | .1808311 |
| Stddev | .0114042 | .0011108 | .0063307 | .099131  | .000466    | .0018998 |
| %RSD   | 1.727089 | .5758094 | .8056765 | 1.992665 | 10.54034   | 1.050582 |
| #1     | .6471476 | .1941906 | .7838751 | 4.861202 | -.004958   | .1815893 |
| #2     | .6666218 | .1923456 | .7805809 | 5.043942 | -.004142   | .1822347 |
| #3     | .6671673 | .1921963 | .7928154 | 5.019168 | -.004160   | .1786693 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1898651 |
| Stddev | .0014004 |
| %RSD   | .7375722 |
| #1     | .1912213 |
| #2     | .1899495 |
| #3     | .1884244 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3784.531 | 85650.58 | 16107.91 | 2501.865 | 5487.865 |
| Stddev    | 50.959   | 385.37   | 64.88    | 5.475    | 75.456   |
| %RSD      | 1.346513 | .4499317 | .4027748 | .2188227 | 1.374970 |
| #1        | 3843.351 | 85846.29 | 16033.53 | 2507.503 | 5574.757 |
| #2        | 3756.532 | 85898.82 | 16152.86 | 2501.521 | 5438.845 |
| #3        | 3753.710 | 85206.63 | 16137.34 | 2496.570 | 5449.993 |



Sample Name: PB166926BL      Acquired: 3/3/2025 23:55:38      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0016012 | -.000434 | -.000513 | .0000063 | -.000782 | .0018998 | -.001841 |
| Stddev | .0012158 | .000815  | .001025  | .0013696 | .000485  | .0024331 | .000359  |
| %RSD   | 75.92798 | 187.5455 | 199.9964 | 21908.86 | 62.02539 | 128.0714 | 19.47994 |
| #1     | .0006166 | -.001341 | -.000121 | .0015230 | -.000234 | .0028320 | -.001556 |
| #2     | .0029601 | -.000198 | -.001676 | -.001140 | -.001158 | .0037290 | -.002244 |
| #3     | .0012269 | .000236  | .000259  | -.000364 | -.000954 | -.000862 | -.001724 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000443 | -.000016 | .0025975 | .0001413 | .0001700 | -.000292 | -.000049 |
| Stddev | .0000240 | .000079  | .0079166 | .0002333 | .0003069 | .000061  | .002287  |
| %RSD   | 54.08905 | 506.5208 | 304.7791 | 165.1729 | 180.5164 | 21.04965 | 4699.271 |
| #1     | .0000546 | .000055  | -.005278 | .0004089 | .0001552 | -.000254 | .001726  |
| #2     | .0000169 | -.000100 | .010554  | .0000344 | .0004841 | -.000259 | .000757  |
| #3     | .0000614 | -.000002 | .002517  | -.000019 | -.000129 | -.000362 | -.002629 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003246 | .0104085 | -.000070 | -.000214 | .0697940 | -.000623 | -.000567 |
| Stddev | .0000786 | .0022583 | .000049  | .000431  | .0172908 | .000478  | .000230  |
| %RSD   | 24.20825 | 21.69672 | 69.21513 | 201.7157 | 24.77411 | 76.73490 | 40.53315 |
| #1     | .0002465 | .0079620 | -.000063 | -.000676 | .0573057 | -.000748 | -.000702 |
| #2     | .0004037 | .0124134 | -.000026 | -.000141 | .0625472 | -.000095 | -.000302 |
| #3     | .0003237 | .0108501 | -.000122 | .000176  | .0895291 | -.001026 | -.000697 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0363904 | .0013831 | .0001041 | -.000180 | -.000031 | -.002068 | -.000243 |
| Stddev | .0396127 | .0005923 | .0001083 | .000859  | .000102  | .001784  | .000602  |
| %RSD   | 108.8548 | 42.82314 | 104.0166 | 476.2055 | 329.4004 | 86.24554 | 247.9685 |
| #1     | .0011174 | .0015203 | .0001406 | -.001167 | -.000144 | -.000055 | -.000654 |
| #2     | .0792465 | .0007342 | .0001895 | .000398  | .000054  | -.002698 | -.000524 |
| #3     | .0288073 | .0018947 | -.000018 | .000228  | -.000003 | -.003451 | .000449  |

Sample Name: PB166926BL      Acquired: 3/3/2025 23:55:38      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.003856 | .0002766 | -.000008 |
| Stddev | .000395  | .0010087 | .000036  |
| %RSD   | 10.23467 | 364.6606 | 464.5190 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.004305 | .0011415 | .000017  |
| #2 | -.003564 | -.000831 | -.000049 |
| #3 | -.003699 | .000520  | .000009  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3888.769 | 86244.69 | 15737.15 | 2594.246 | 5648.149 |
| Stddev    | 9.224    | 383.85   | 96.47    | 8.777    | 15.227   |
| %RSD      | .2371926 | .4450692 | .6130198 | .3383410 | .2696000 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3888.589 | 86203.07 | 15760.67 | 2593.023 | 5655.062 |
| #2 | 3898.081 | 86647.65 | 15631.10 | 2603.570 | 5658.694 |
| #3 | 3879.636 | 85883.35 | 15819.69 | 2586.144 | 5630.692 |

Sample Name: PB166926BS      Acquired: 3/3/2025 23:59:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .8203644 | 1.963934 | .9793112 | 1.912875 | .8268968 | 2.004253 |
| Stddev | .0054632 | .017765  | .0050744 | .008724  | .0046025 | .043169  |
| %RSD   | .6659456 | .9045401 | .5181594 | .4560760 | .5566015 | 2.153847 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8227463 | 1.983000 | .9813029 | 1.920221 | .8289328 | 2.050972 |
| #2 | .8141147 | 1.947848 | .9735431 | 1.903232 | .8216274 | 1.995944 |
| #3 | .8242323 | 1.960954 | .9830876 | 1.915171 | .8301302 | 1.965843 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2009016 | .1960308 | .1944525 | 1.044728 | .4314254 | .2036550 |
| Stddev | .0050688 | .0036310 | .0009384 | .019427  | .0036415 | .0009142 |
| %RSD   | 2.523040 | 1.852282 | .4826072 | 1.859561 | .8440648 | .4488748 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2058001 | .1996938 | .1953507 | 1.065813 | .4336641 | .2044759 |
| #2 | .2012265 | .1959661 | .1934785 | 1.040819 | .4333885 | .2026699 |
| #3 | .1956781 | .1924326 | .1945284 | 1.027553 | .4272236 | .2038193 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3199994 | 3.166559 | .2244806 | 2.007469 | .5066289 | .0750112 |
| Stddev | .0009808 | .045934  | .0051096 | .040612  | .0027658 | .0008424 |
| %RSD   | .3064969 | 1.450599 | 2.276191 | 2.023051 | .5459295 | 1.123027 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3210483 | 3.190850 | .2301470 | 2.051161 | .5095353 | .0752635 |
| #2 | .3191051 | 3.195248 | .2230710 | 2.000374 | .5040292 | .0756986 |
| #3 | .3198448 | 3.113580 | .2202237 | 1.970872 | .5063222 | .0740715 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.143962 | .3103274 | .2086732 | 9.932392 | .2739323 | .4498041 |
| Stddev | .034358  | .0066771 | .0016796 | .082415  | .0042222 | .0010022 |
| %RSD   | 1.092830 | 2.151616 | .8049046 | .8297549 | 1.541342 | .2228172 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.178538 | .3179728 | .2095684 | 10.01510 | .2773832 | .4504047 |
| #2 | 3.143523 | .3073668 | .2097155 | 9.93180  | .2751895 | .4486470 |
| #3 | 3.109826 | .3056424 | .2067356 | 9.85027  | .2692243 | .4503604 |

Sample Name: PB166926BS      Acquired: 3/3/2025 23:59:57      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .7026614 | .2058147 | .8335462 | 5.502716 | F .0352700 | .1970119 |
| Stddev | .0033368 | .0041028 | .0016560 | .038103  | .0002117   | .0049163 |
| %RSD   | .4748776 | 1.993457 | .1986689 | .6924336 | .6001237   | 2.495415 |
| #1     | .7054793 | .2103930 | .8318533 | 5.544045 | .0355012   | .2026656 |
| #2     | .6989768 | .2045806 | .8336228 | 5.468983 | .0350858   | .1946284 |
| #3     | .7035281 | .2024706 | .8351626 | 5.495121 | .0352230   | .1937418 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2065900 |
| Stddev | .0048046 |
| %RSD   | 2.325677 |
| #1     | .2118594 |
| #2     | .2054584 |
| #3     | .2024522 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3828.391 | 85691.23 | 16076.35 | 2545.665 | 5544.036 |
| Stddev    | 14.368   | 574.49   | 286.28   | 24.866   | 26.196   |
| %RSD      | .3753109 | .6704132 | 1.780755 | .9768128 | .4725159 |
| #1        | 3817.207 | 85409.47 | 15771.95 | 2529.800 | 5521.634 |
| #2        | 3844.596 | 85312.03 | 16116.92 | 2532.872 | 5572.840 |
| #3        | 3823.369 | 86352.20 | 16340.18 | 2574.323 | 5537.632 |

Sample Name: CCV05      Acquired: 3/4/2025 0:03:56      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 4.865930 | 4.864470 | 4.854889 | 4.886352 | 4.902044 | 9.554145 | 9.749561 |
| Stddev | .024790  | .025281  | .022473  | .023769  | .017747  | .144635  | .126887  |
| %RSD   | .5094675 | .5197098 | .4629033 | .4864350 | .3620426 | 1.513849 | 1.301461 |
| #1     | 4.845281 | 4.848179 | 4.842685 | 4.863426 | 4.884594 | 9.721129 | 9.894982 |
| #2     | 4.893424 | 4.893594 | 4.880825 | 4.910882 | 4.920075 | 9.468067 | 9.692335 |
| #3     | 4.859085 | 4.851638 | 4.841159 | 4.884746 | 4.901462 | 9.473239 | 9.661366 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2409681 | 2.431045 | 23.89378 | .9731532 | 2.432327 | 1.226607 | 4.870200 |
| Stddev | .0040800 | .009811  | .33295   | .0337485 | .010555  | .004623  | .158261  |
| %RSD   | 1.693176 | .4035830 | 1.393451 | 3.467952 | .4339407 | .3768746 | 3.249582 |
| #1     | .2455647 | 2.426578 | 24.27824 | 1.007454 | 2.426270 | 1.223370 | 5.033954 |
| #2     | .2395642 | 2.442295 | 23.70093 | .972021  | 2.444515 | 1.231902 | 4.858572 |
| #3     | .2377754 | 2.424261 | 23.70218 | .939985  | 2.426197 | 1.224551 | 4.718073 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.404122 | 23.95028 | 2.423035 | 1.211689 | 24.24042 | 2.427954 | 2.415967 |
| Stddev | .037250  | .33873   | .009166  | .041378  | .75235   | .034900  | .084774  |
| %RSD   | 1.549435 | 1.414287 | .3782723 | 3.414867 | 3.103691 | 1.437419 | 3.508910 |
| #1     | 2.447094 | 24.33976 | 2.416147 | 1.252795 | 25.00720 | 2.468080 | 2.505312 |
| #2     | 2.381000 | 23.78660 | 2.433438 | 1.212226 | 24.21069 | 2.411120 | 2.405929 |
| #3     | 2.384273 | 23.72447 | 2.419520 | 1.170045 | 23.50338 | 2.404662 | 2.336658 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.08608 | 4.764753 | 4.918537 | 4.867065 | 4.815763 | 4.817959 | 4.818434 |
| Stddev | .65982   | .079911  | .019517  | .023174  | .069901  | .134004  | .031415  |
| %RSD   | 2.739411 | 1.677135 | .3968142 | .4761401 | 1.451503 | 2.781347 | .6519738 |
| #1     | 24.76953 | 4.855151 | 4.904833 | 4.854840 | 4.896467 | 4.953680 | 4.801816 |
| #2     | 24.03595 | 4.735584 | 4.940883 | 4.893792 | 4.776573 | 4.814456 | 4.854667 |
| #3     | 23.45276 | 4.703524 | 4.909893 | 4.852564 | 4.774250 | 4.685741 | 4.798818 |

Sample Name: CCV05      Acquired: 3/4/2025 0:03:56      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | 4.813334 | 4.713199 | 4.911078 |
| Stddev | .037052  | .070352  | .030261  |
| %RSD   | .7697765 | 1.492653 | .6161815 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.782514 | 4.794205 | 4.945465 |
| #2 | 4.854443 | 4.667415 | 4.888512 |
| #3 | 4.803045 | 4.677977 | 4.899256 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3715.398 | 81540.71 | 15462.67 | 2440.909 | 5004.772 |
| Stddev    | 7.930    | 2320.06  | 179.90   | 72.241   | 10.525   |
| %RSD      | .2134467 | 2.845281 | 1.163434 | 2.959585 | .2102898 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3723.495 | 79245.69 | 15255.42 | 2363.907 | 5012.885 |
| #2 | 3707.646 | 81491.43 | 15554.12 | 2451.629 | 4992.880 |
| #3 | 3715.053 | 83885.03 | 15578.47 | 2507.191 | 5008.552 |

Sample Name: CCB05      Acquired: 3/4/2025 0:08:08      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | .0005307 | .0010761 | -.000766 | .0008298 | -.000689 | .0004672 | -.000247 |
| Stddev | .0009459 | .0000696 | .000555  | .0014935 | .000853  | .0021218 | .000959  |
| %RSD   | 178.2179 | 6.472664 | 72.40661 | 179.9868 | 123.6647 | 454.1329 | 388.3696 |
| #1     | -.000041 | .0011282 | -.000736 | .0021331 | -.001193 | -.000620 | -.000571 |
| #2     | .001623  | .0009970 | -.001335 | .0011561 | -.001171 | -.000891 | -.001002 |
| #3     | .000010  | .0011031 | -.000227 | -.000800 | .000295  | .002912  | .000832  |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000020 | .0000547 | .0034637 | -.000078 | -.000036 | .0003640 | -.003125 |
| Stddev | .000025  | .0000541 | .0029012 | .000337  | .000162  | .0001223 | .001195  |
| %RSD   | 127.6739 | 98.87805 | 83.76066 | 430.3924 | 445.1129 | 33.59675 | 38.23082 |
| #1     | -.000048 | .0000467 | .0062736 | -.000101 | -.000194 | .0004957 | -.003653 |
| #2     | -.000010 | .0000050 | .0036385 | -.000403 | .000130  | .0003423 | -.003964 |
| #3     | -.000000 | .0001123 | .0004790 | .000270  | -.000045 | .0002540 | -.001757 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001447 | .0000485 | -.000322 | -.000182 | .0647490 | -.001209 | -.000594 |
| Stddev | .0000854 | .0026363 | .000103  | .000197  | .0070136 | .000398  | .000155  |
| %RSD   | 59.02282 | 5432.367 | 32.00629 | 108.6387 | 10.83191 | 32.96647 | 26.02307 |
| #1     | .0002060 | -.002578 | -.000212 | .000035  | .0573667 | -.000781 | -.000748 |
| #2     | .0001810 | .002694  | -.000338 | -.000229 | .0655566 | -.001569 | -.000597 |
| #3     | .0000472 | .000030  | -.000417 | -.000351 | .0713239 | -.001276 | -.000438 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0885848 | .0056408 | .0003385 | .0002490 | .0007878 | .0007222 | .0000875 |
| Stddev | .0038407 | .0003551 | .0000745 | .0006118 | .0003018 | .0067789 | .0002087 |
| %RSD   | 4.335571 | 6.294779 | 22.01864 | 245.7530 | 38.30241 | 938.6960 | 238.5786 |
| #1     | .0848276 | .0059598 | .0003860 | .0000028 | .0008138 | .0031226 | .0003182 |
| #2     | .0925037 | .0057044 | .0003767 | -.000201 | .0004739 | -.006930 | .0000325 |
| #3     | .0884230 | .0052582 | .0002526 | .000945  | .0010758 | .005974  | -.000088 |

Sample Name: CCB05      Acquired: 3/4/2025 0:08:08      Type: Unk  
Method: NON EPA-6010-200.7(v2750)      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    | -.000078 | -.002363 | .0003186 |
| Stddev | .002023  | .000465  | .0004436 |
| %RSD   | 2579.866 | 19.68194 | 139.2186 |
| #1     | -.001480 | -.002132 | .0008305 |
| #2     | .002241  | -.002059 | .0000478 |
| #3     | -.000996 | -.002899 | .0000775 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3917.446 | 86622.49 | 15880.92 | 2554.144 | 5733.333 |
| Stddev    | 16.098   | 1052.49  | 61.62    | 30.477   | 25.724   |
| %RSD      | .4109297 | 1.215031 | .3880429 | 1.193246 | .4486678 |
| #1        | 3910.492 | 87349.03 | 15951.43 | 2576.311 | 5723.243 |
| #2        | 3935.852 | 85415.51 | 15837.37 | 2519.389 | 5762.573 |
| #3        | 3905.994 | 87102.92 | 15853.97 | 2566.732 | 5714.185 |