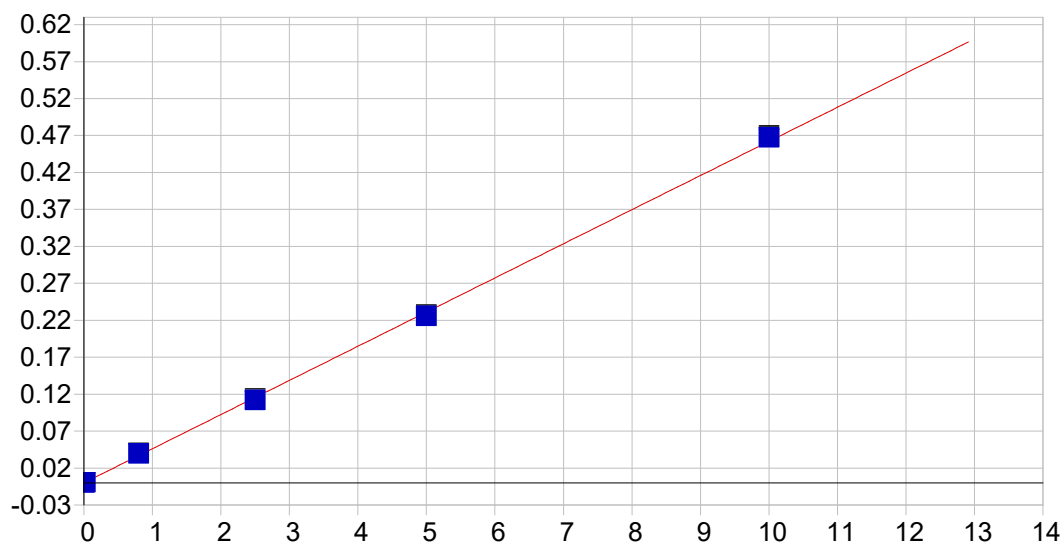


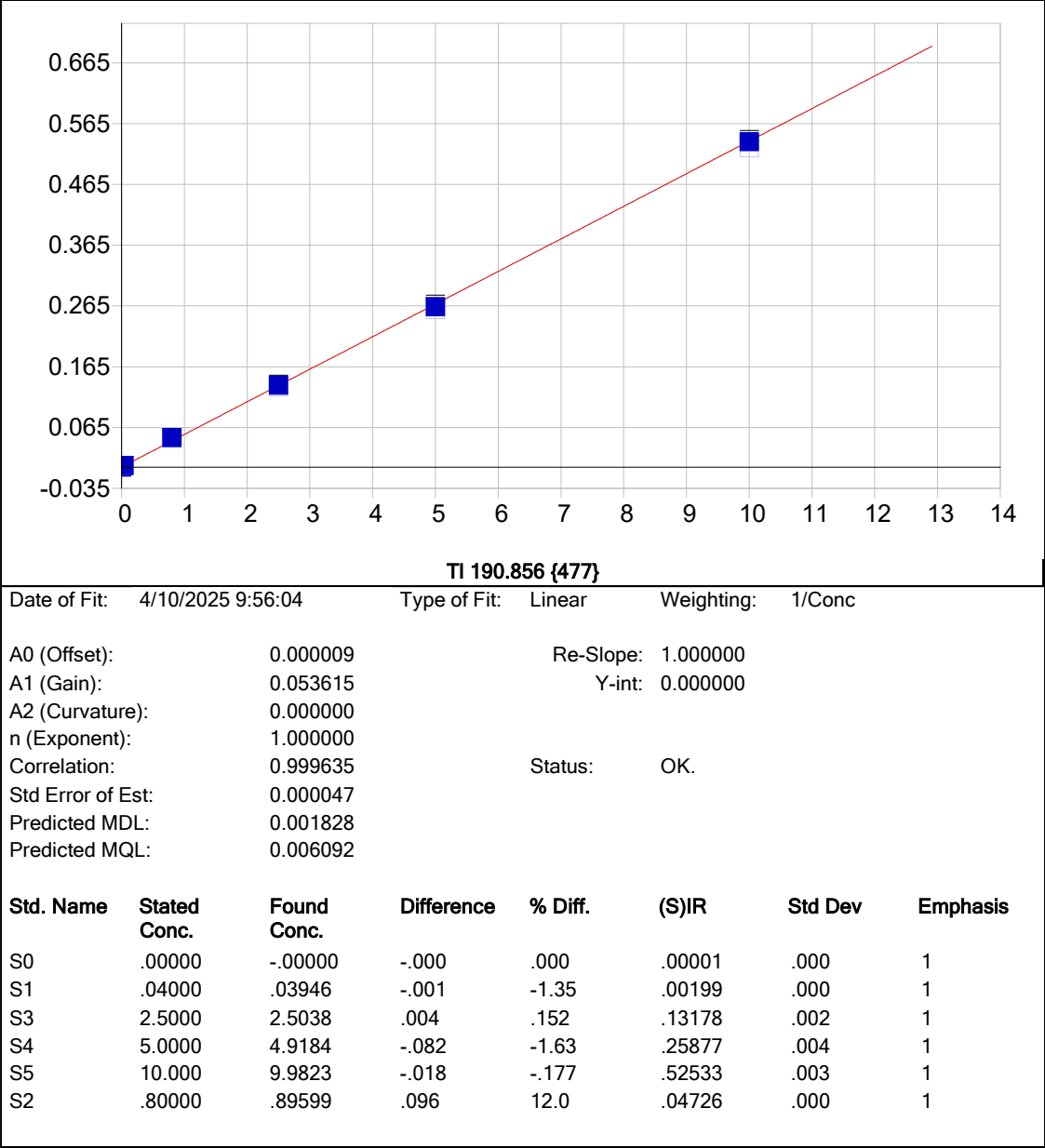


**As 189.042 {479}**

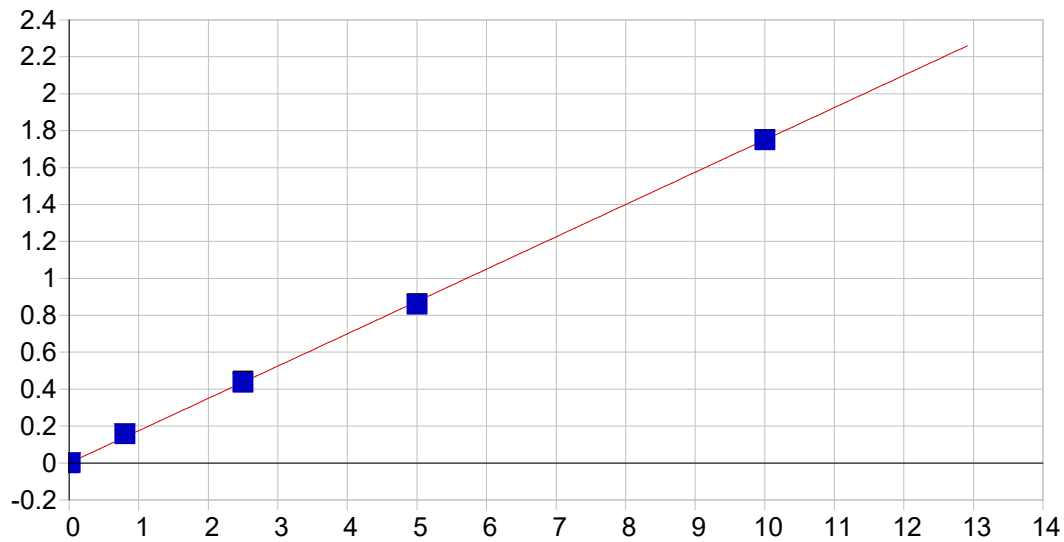
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000082 Re-Slope: 1.000000  
A1 (Gain): 0.046218 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999689 Status: OK.  
Std Error of Est: 0.000027  
Predicted MDL: 0.002522  
Predicted MQL: 0.008406

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00008 | .000    | 1        |
| S1        | .02000       | .02011      | .000       | .545    | .00084  | .000    | 1        |
| S3        | 2.5000       | 2.4244      | -.076      | -3.02   | .11184  | .002    | 1        |
| S4        | 5.0000       | 4.8907      | -.109      | -2.19   | .22570  | .001    | 1        |
| S5        | 10.000       | 10.120      | .120       | 1.20    | .46714  | .002    | 1        |
| S2        | .80000       | .86483      | .065       | 8.10    | .03985  | .000    | 1        |





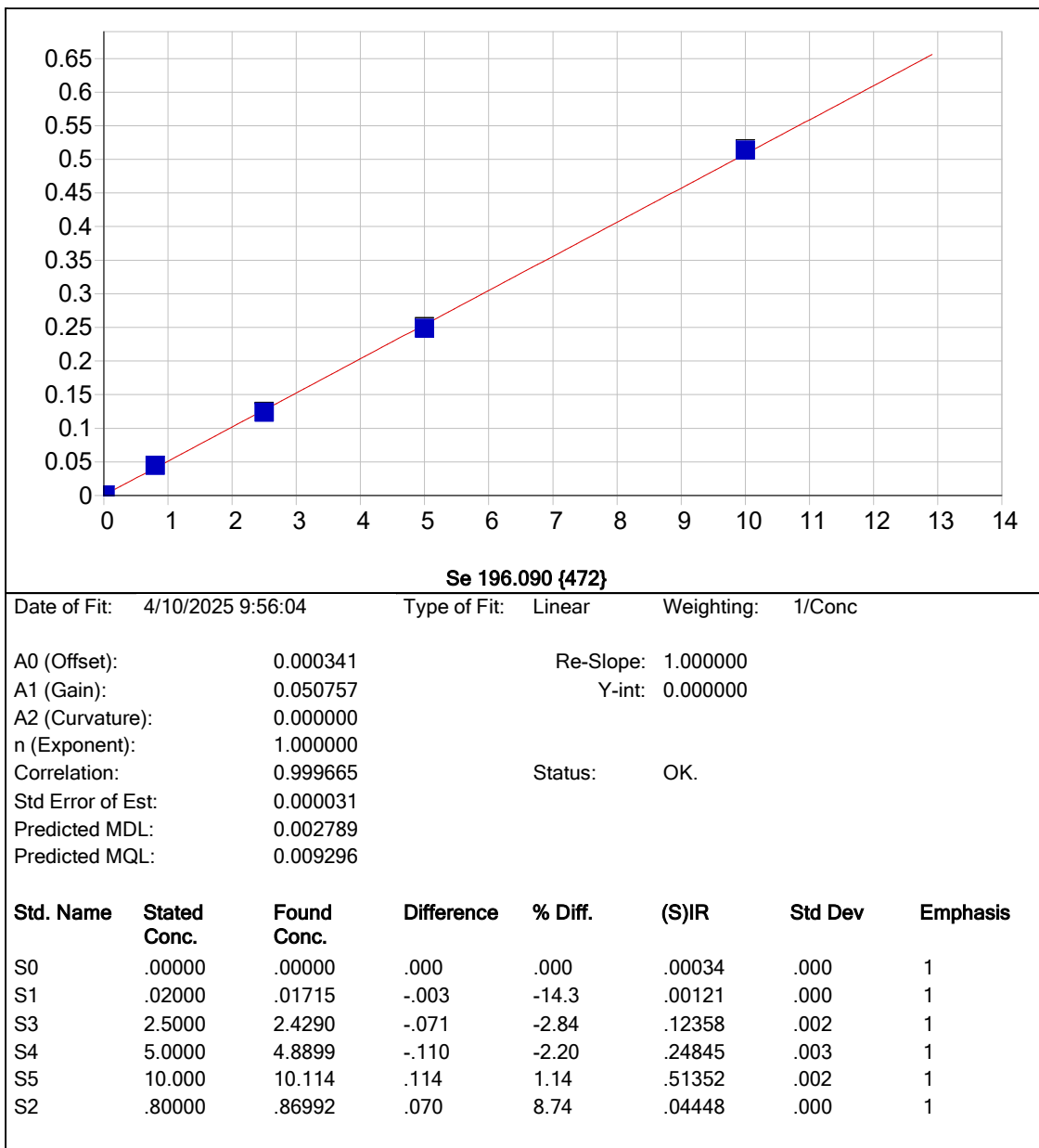


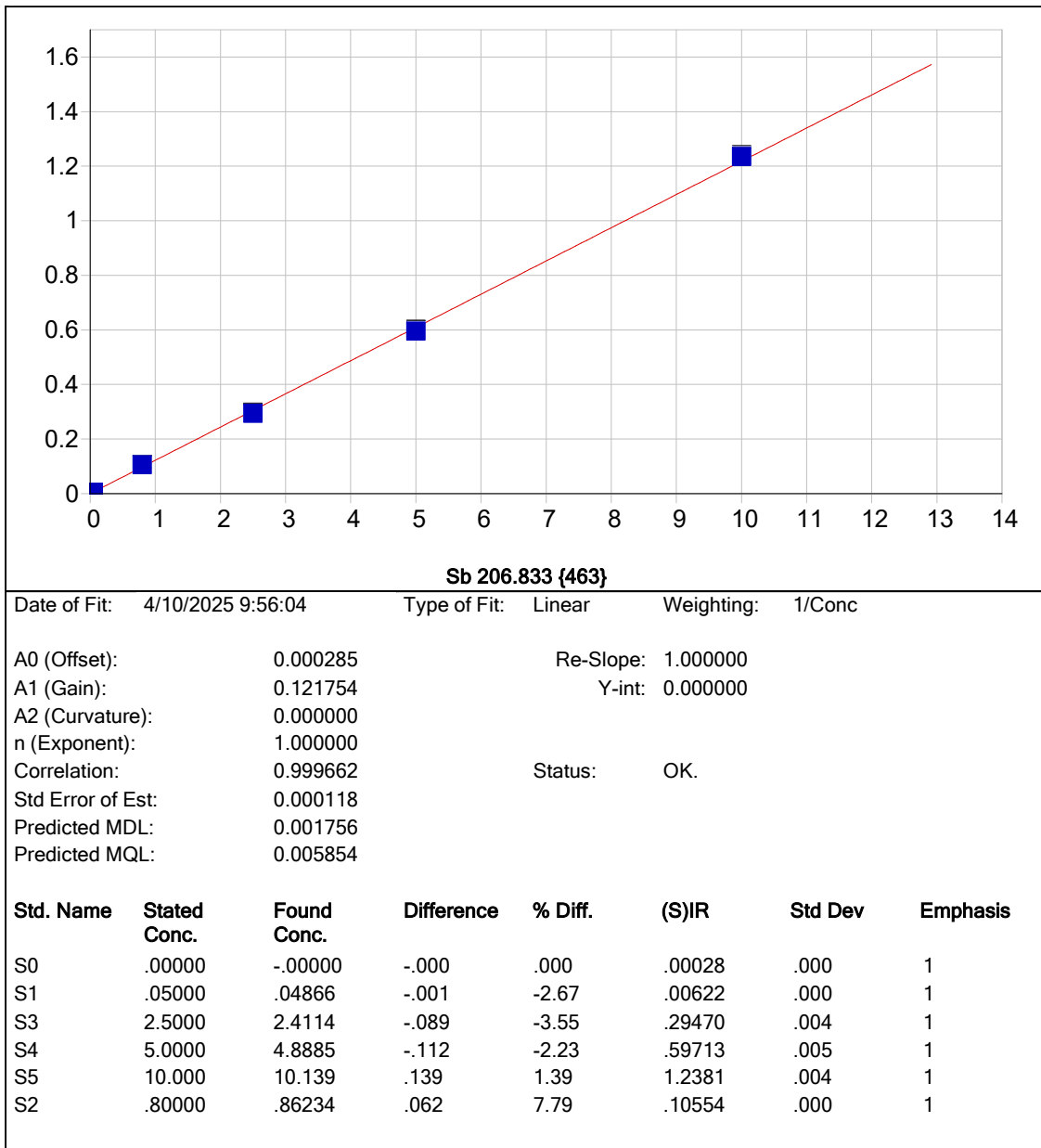
**Pb 220.353 {453}**

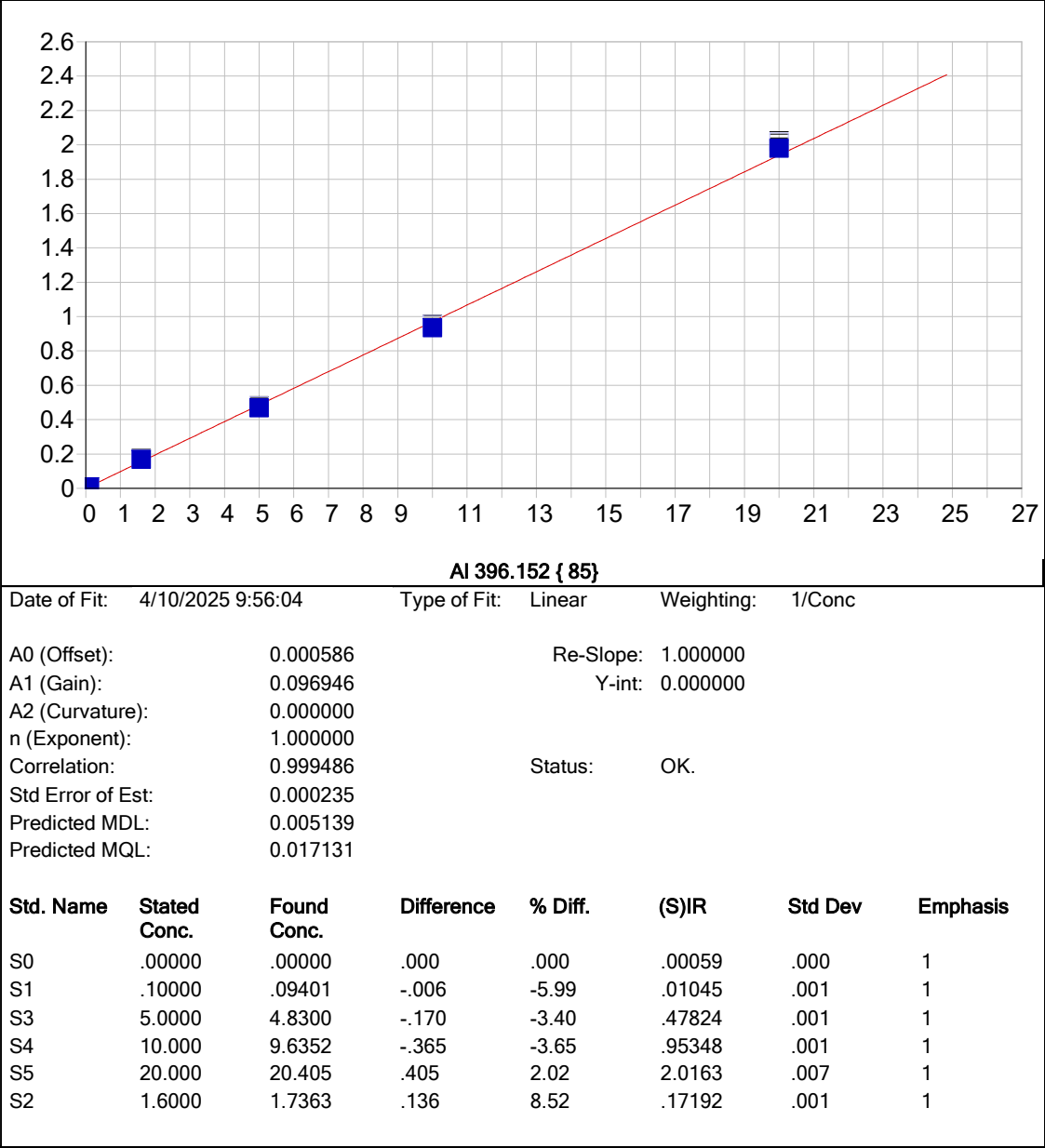
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

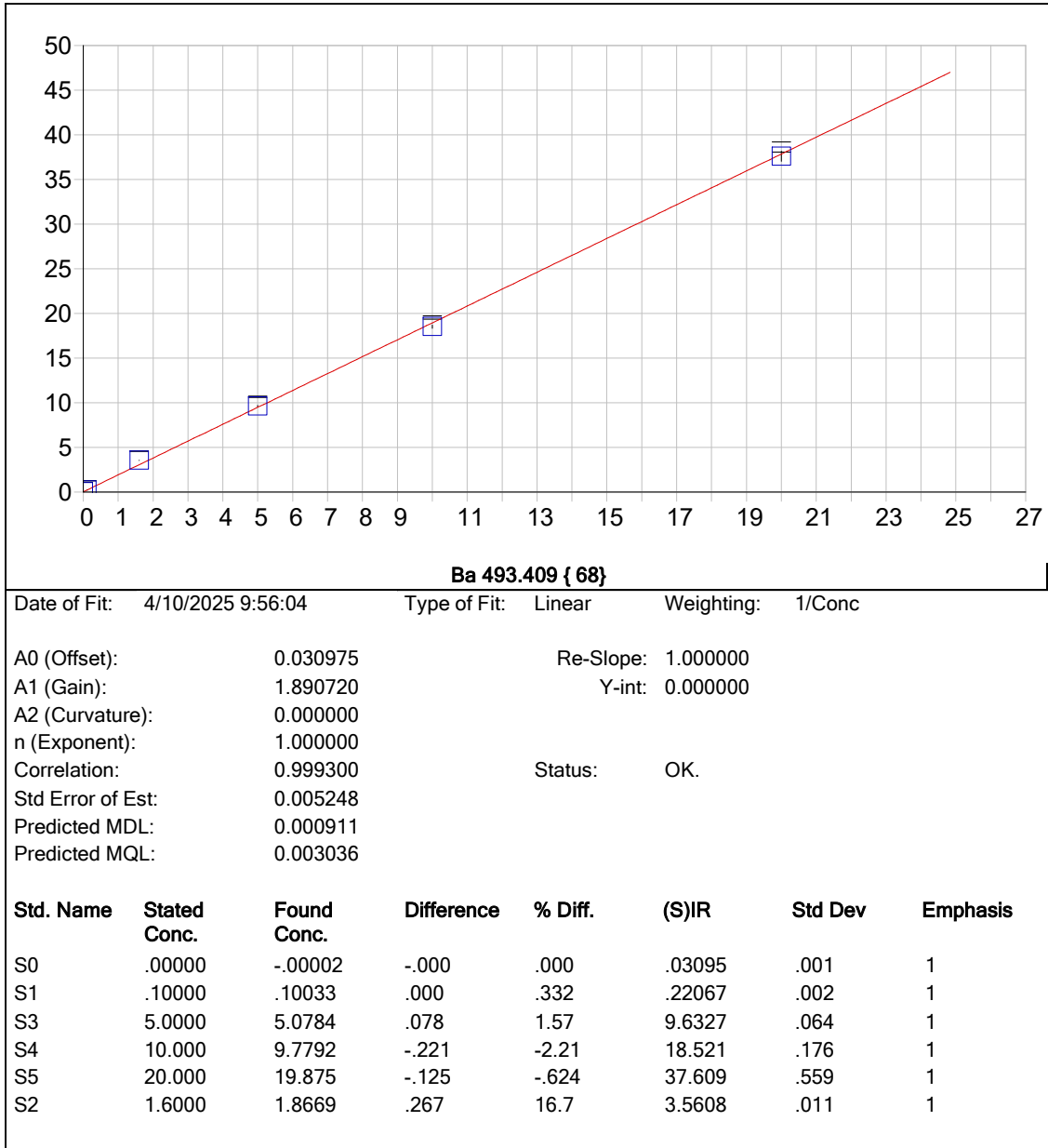
A0 (Offset): -0.000007 Re-Slope: 1.000000  
A1 (Gain): 0.175003 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999605 Status: OK.  
Std Error of Est: 0.000089  
Predicted MDL: 0.001384  
Predicted MQL: 0.004612

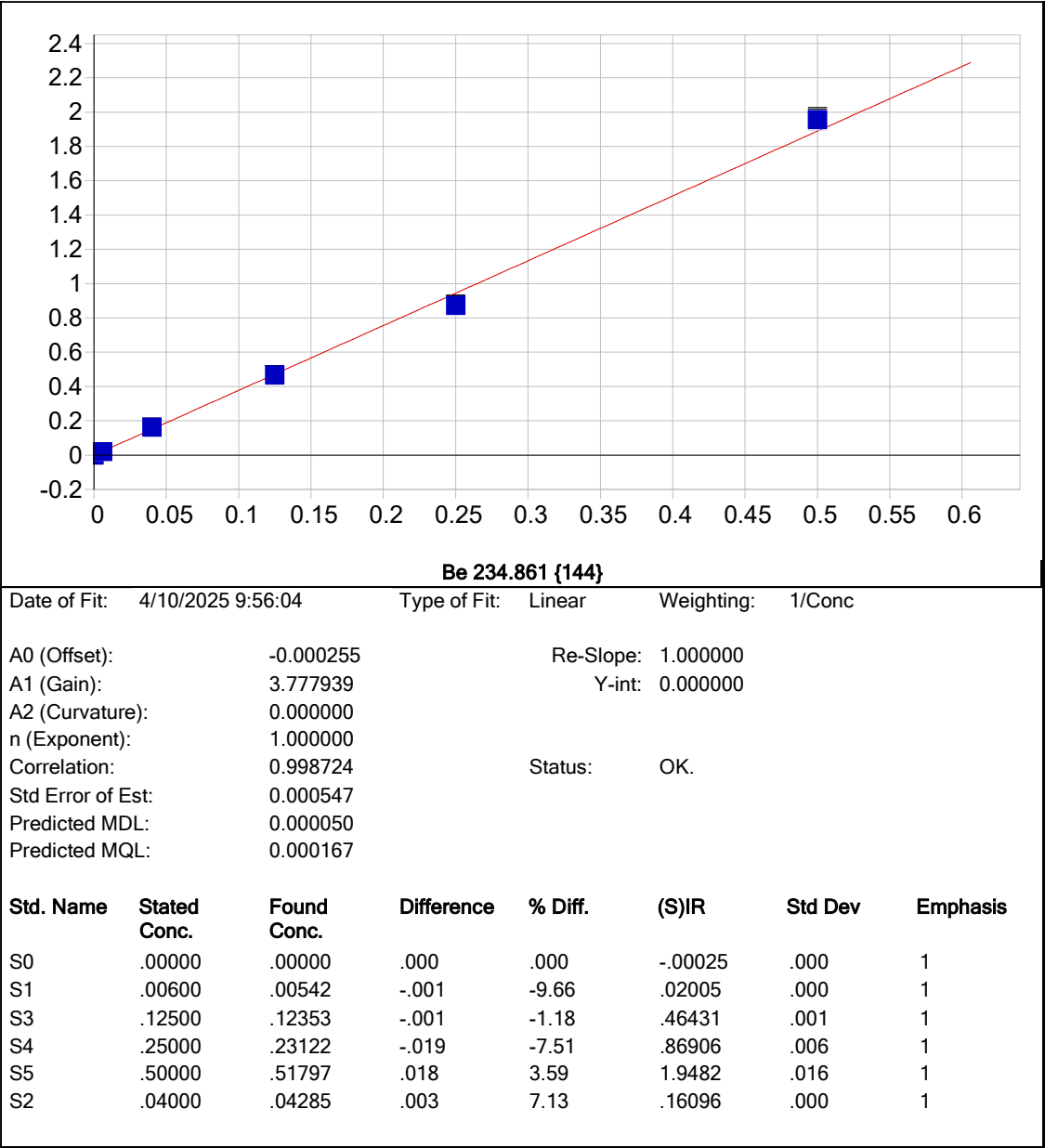
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00001 | .000    | 1        |
| S1        | .01200       | .01096      | -.001      | -8.63   | .00187  | .000    | 1        |
| S3        | 2.5000       | 2.4961      | -.004      | -.156   | .43634  | .007    | 1        |
| S4        | 5.0000       | 4.9086      | -.091      | -1.83   | .85805  | .003    | 1        |
| S5        | 10.000       | 9.9957      | -.004      | -.043   | 1.7473  | .002    | 1        |
| S2        | .80000       | .90068      | .101       | 12.6    | .15746  | .001    | 1        |

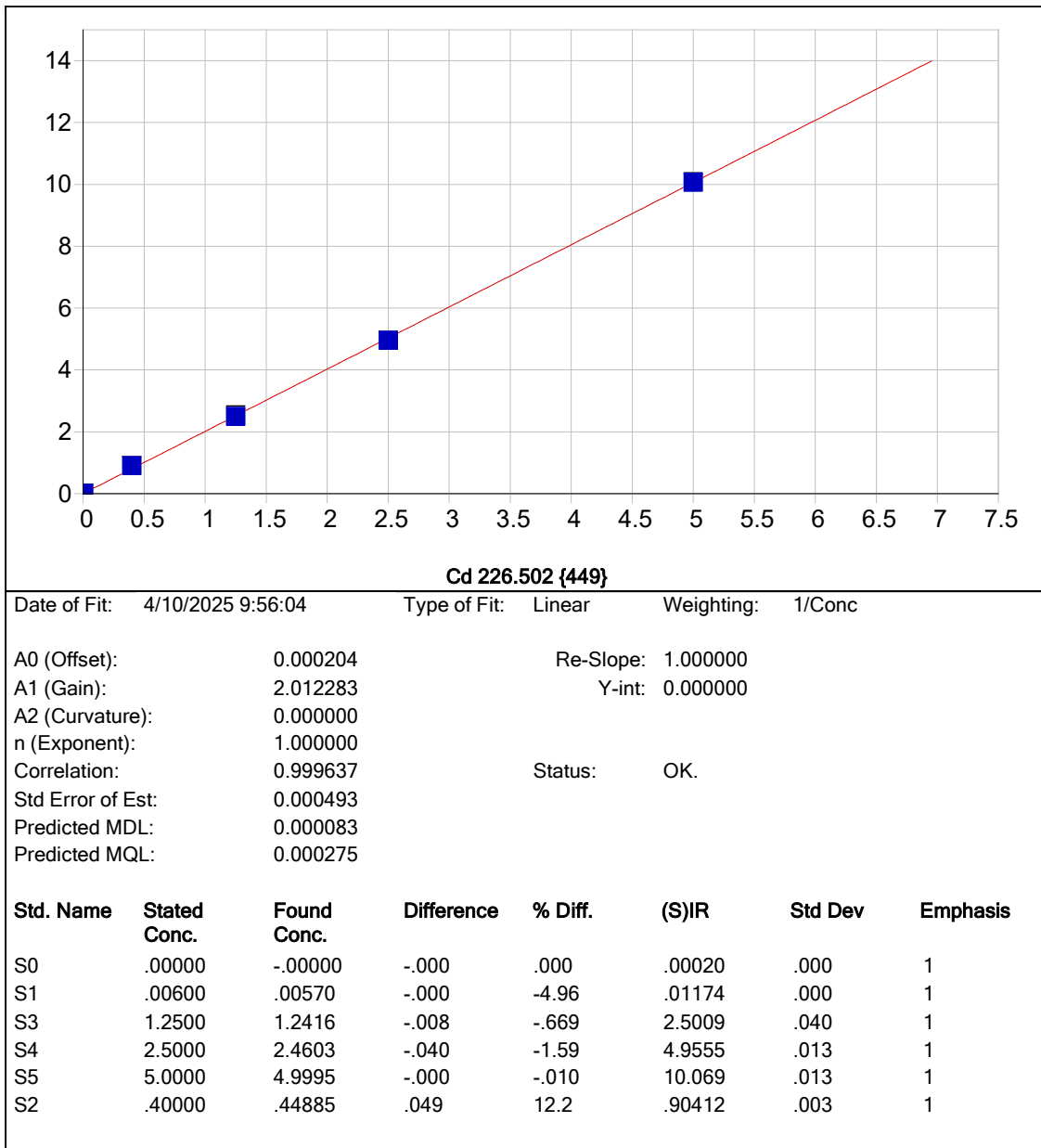


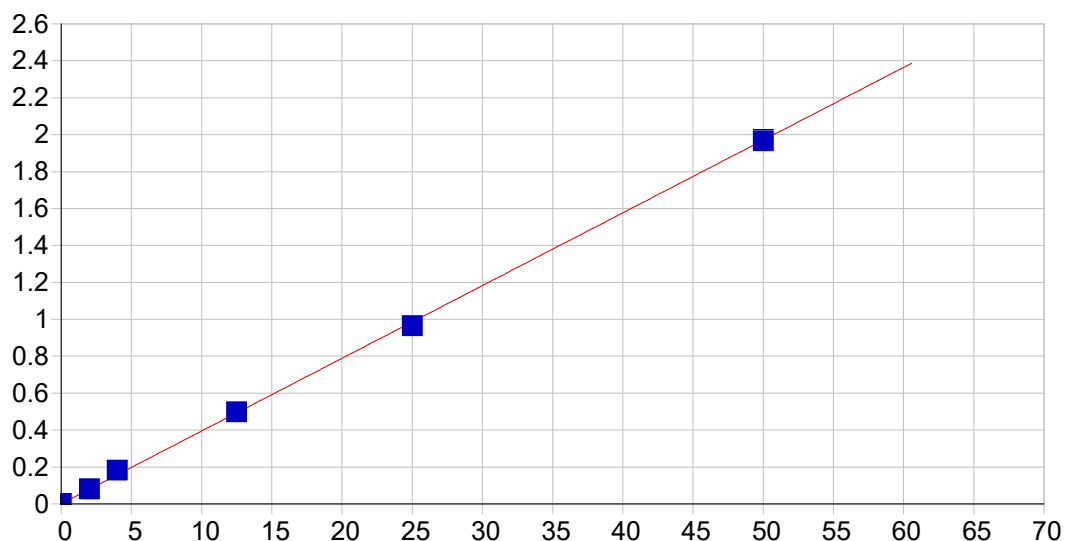












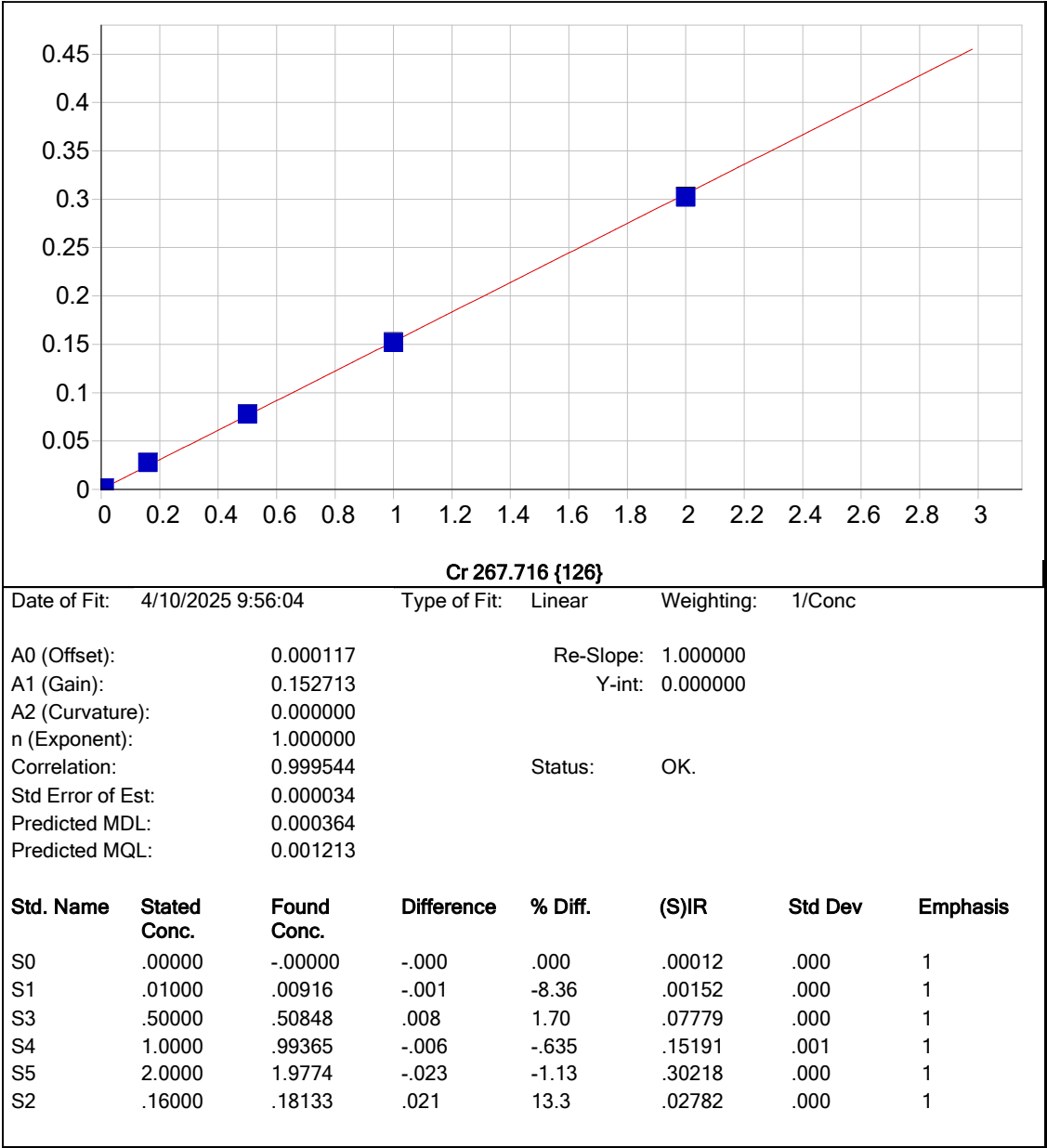
Ca 373.690 { 90}

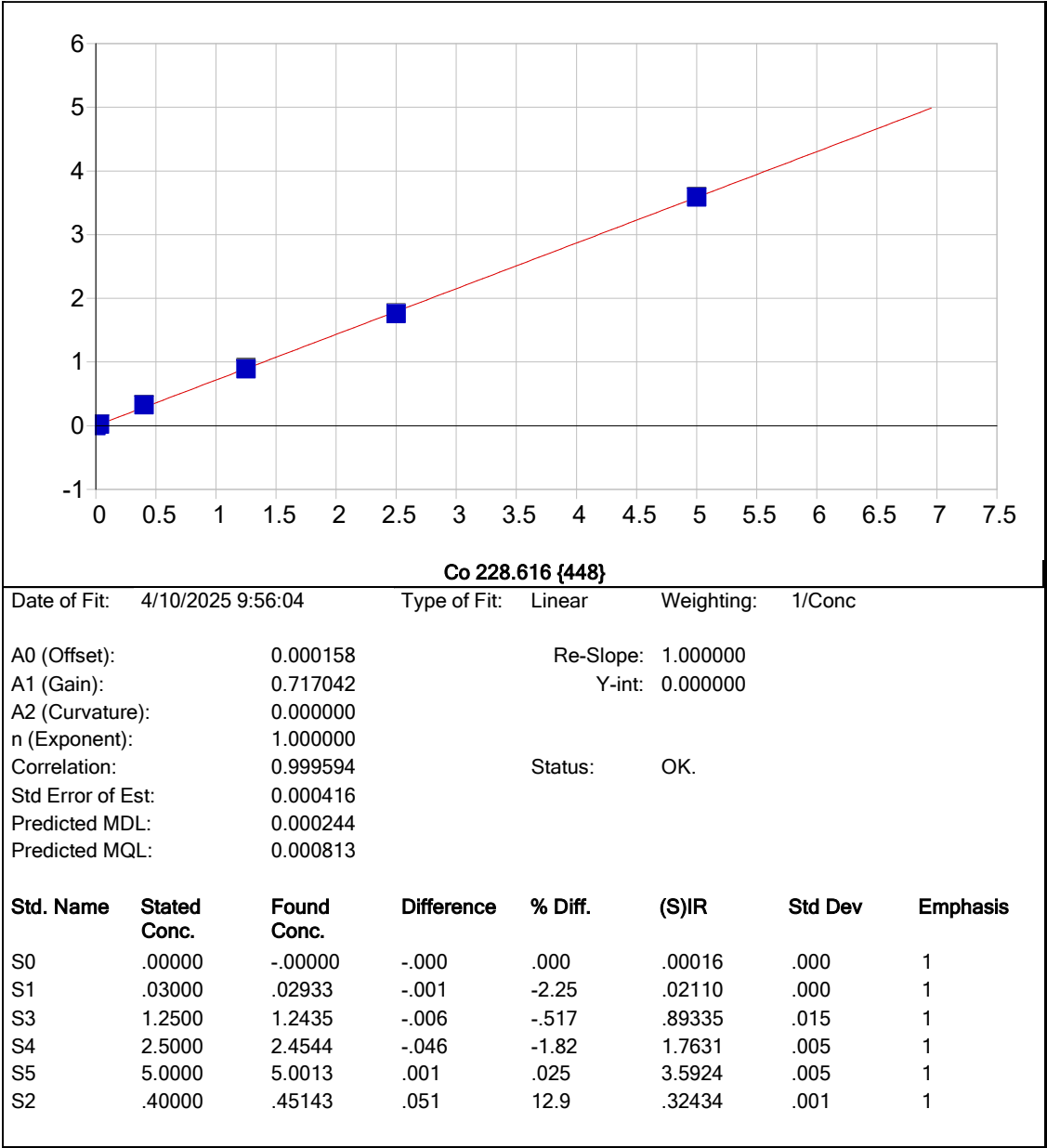
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

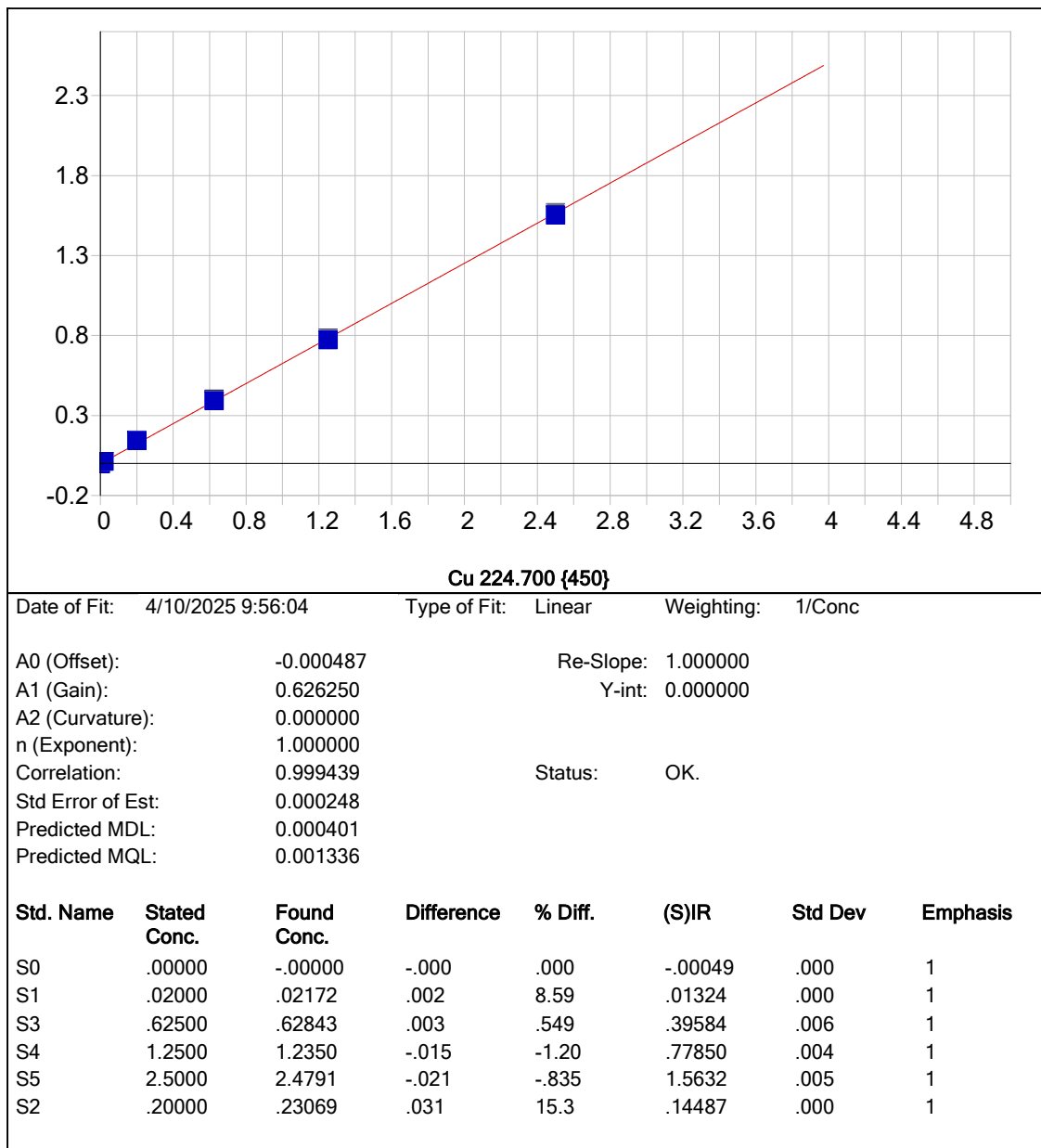
A0 (Offset): 0.000913 Re-Slope: 1.000000  
A1 (Gain): 0.039390 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999477 Status: OK.  
Std Error of Est: 0.000674  
Predicted MDL: 0.009753  
Predicted MQL: 0.032511

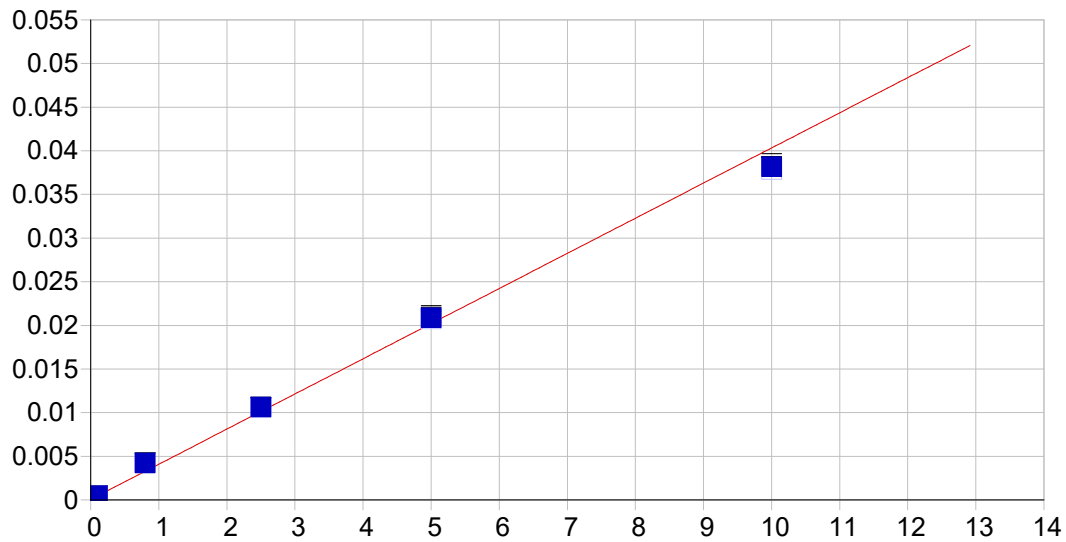
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00024     | -.000      | .000    | .00090 | .000    | 1        |
| S2        | 4.0000       | 4.5814      | .581       | 14.5    | .18137 | .001    | 1        |
| S3        | 12.500       | 12.600      | .100       | .798    | .49721 | .001    | 1        |
| S4        | 25.000       | 24.452      | -.548      | -2.19   | .96406 | .001    | 1        |
| S5        | 50.000       | 49.883      | -.117      | -.235   | 1.9658 | .007    | 1        |
| S1        | 2.0000       | 1.9844      | -.016      | -.778   | .07908 | .000    | 1        |









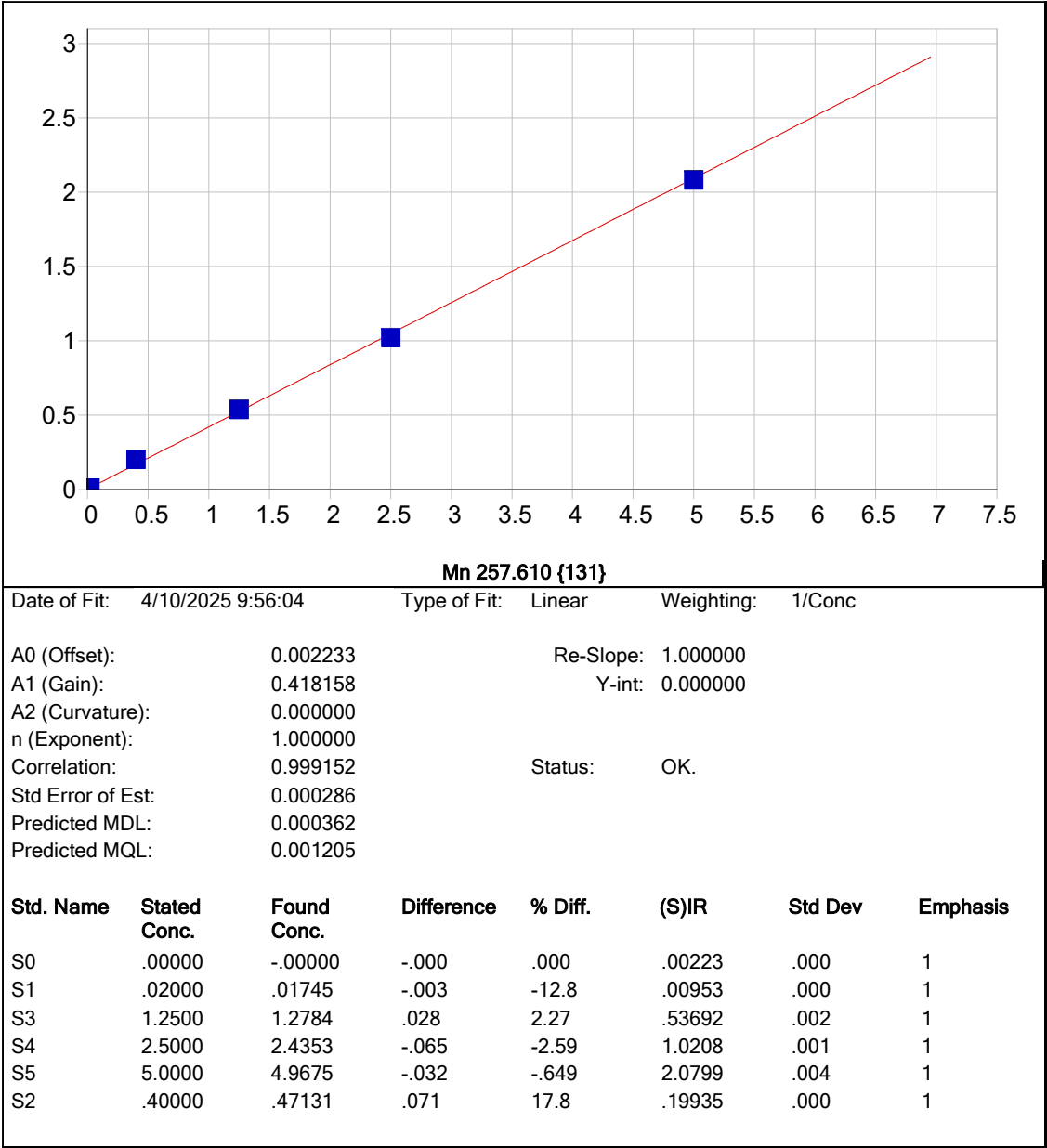


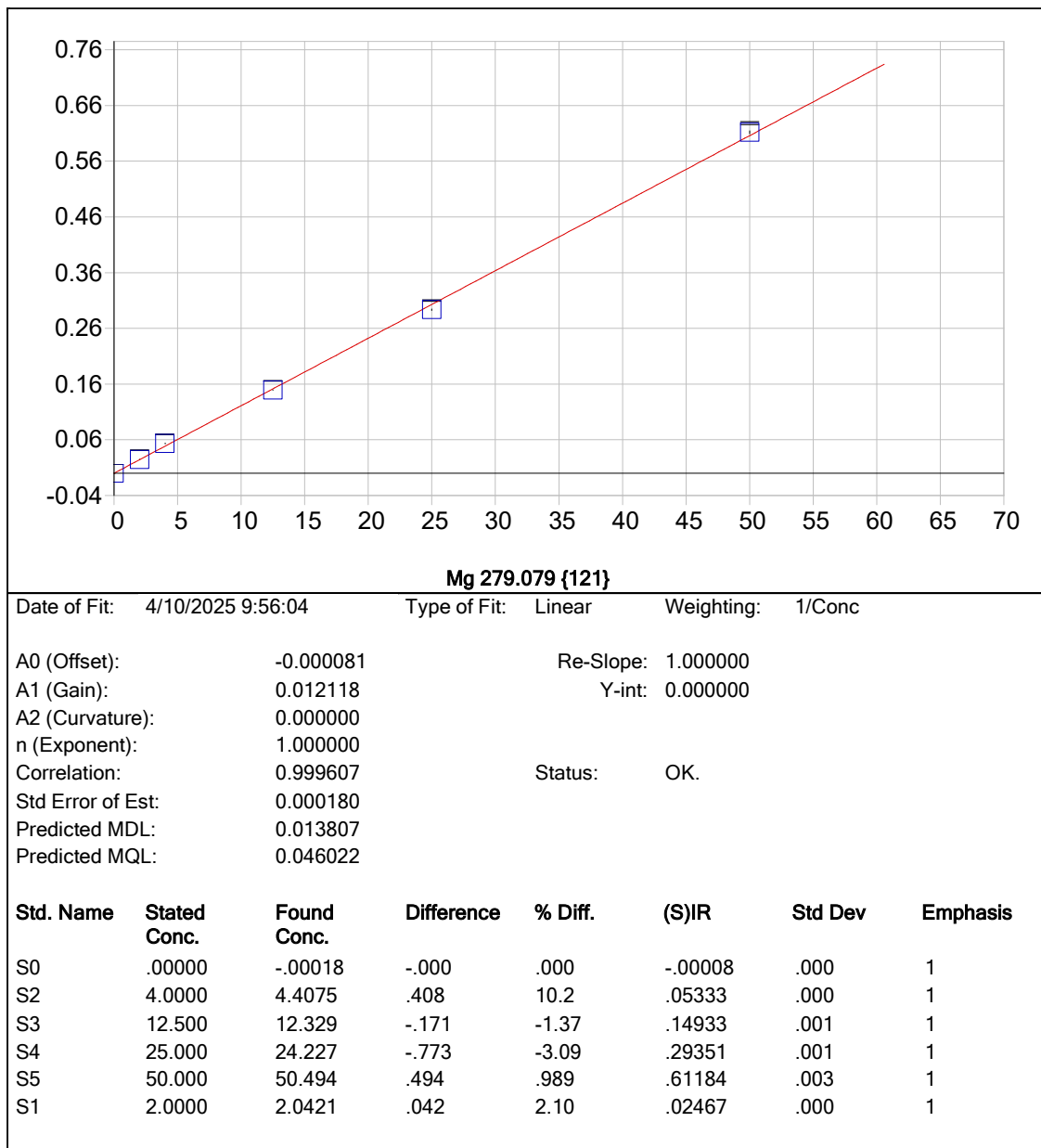
Fe 240.488 {140}

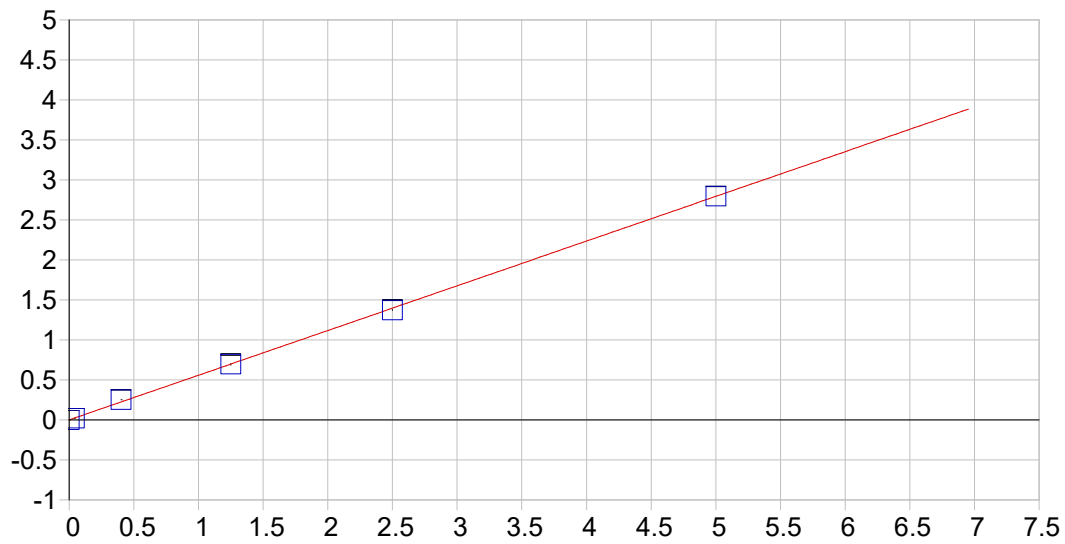
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000059 Re-Slope: 1.000000  
A1 (Gain): 0.004027 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.996956 Status: OK.  
Std Error of Est: 0.000016  
Predicted MDL: 0.004645  
Predicted MQL: 0.015485

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00004     | -.000      | .000    | .00006 | .000    | 1        |
| S1        | .10000       | .10495      | .005       | 4.95    | .00048 | .000    | 1        |
| S3        | 2.5000       | 2.6244      | .124       | 4.98    | .01054 | .000    | 1        |
| S4        | 5.0000       | 5.1680      | .168       | 3.36    | .02070 | .000    | 1        |
| S5        | 10.000       | 9.4660      | -.534      | -5.34   | .03784 | .000    | 1        |
| S2        | .80000       | 1.0366      | .237       | 29.6    | .00421 | .000    | 1        |





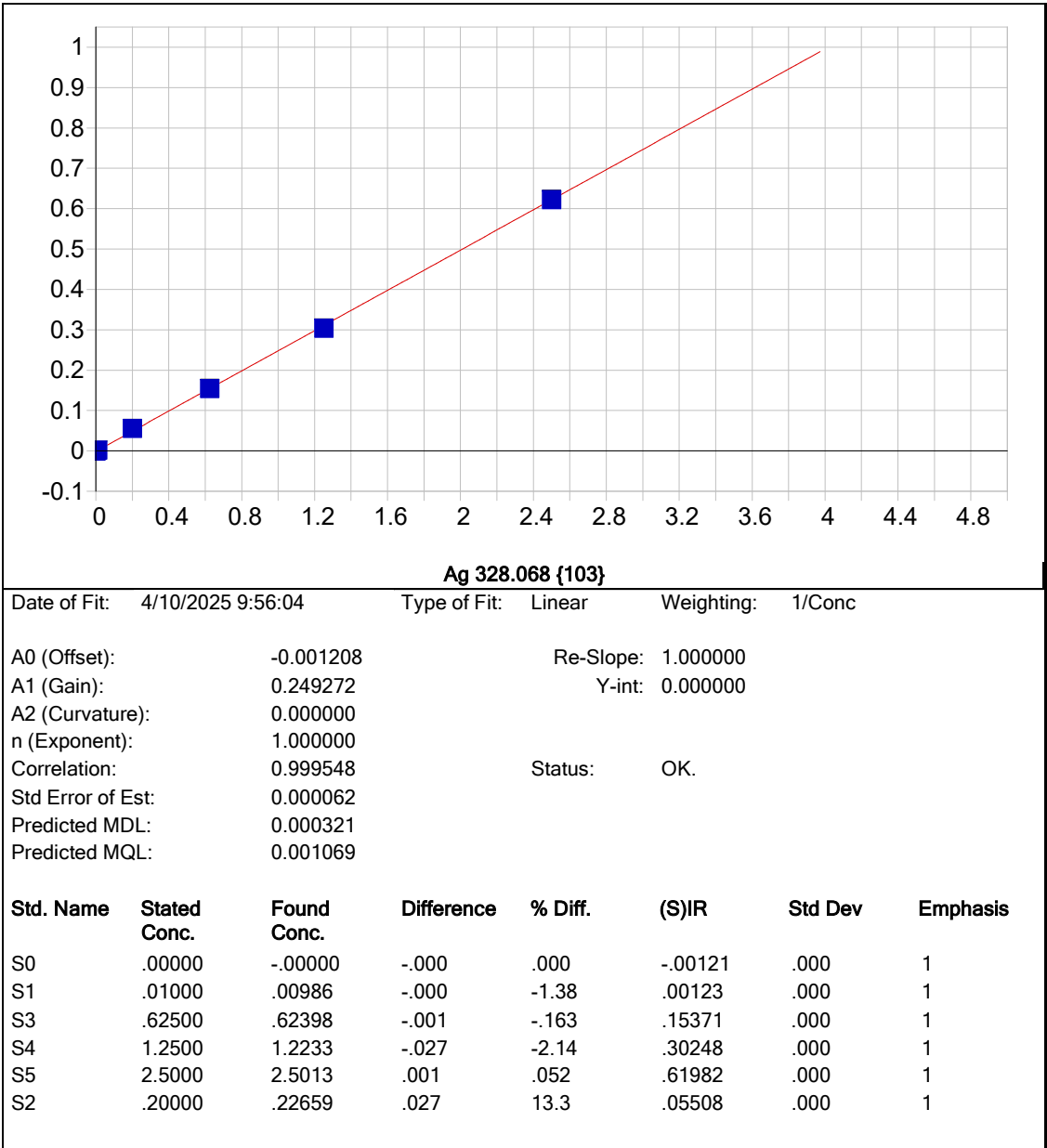


Ni 231.604 {446}

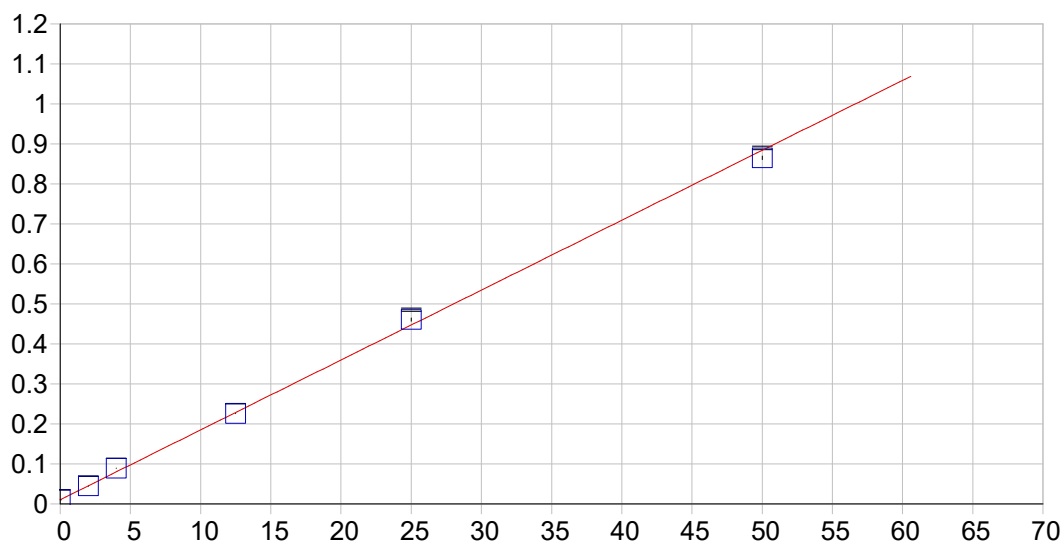
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000032 Re-Slope: 1.000000  
A1 (Gain): 0.558800 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999609 Status: OK.  
Std Error of Est: 0.000367  
Predicted MDL: 0.000292  
Predicted MQL: 0.000973

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR   | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|---------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | -.00003 | .000    | 1        |
| S1        | .04000       | .03831      | -.002      | -4.23   | .02138  | .000    | 1        |
| S3        | 1.2500       | 1.2423      | -.008      | -.613   | .69418  | .011    | 1        |
| S4        | 2.5000       | 2.4573      | -.043      | -1.71   | 1.3731  | .005    | 1        |
| S5        | 5.0000       | 5.0016      | .002       | .032    | 2.7949  | .002    | 1        |
| S2        | .40000       | .45040      | .050       | 12.6    | .25165  | .001    | 1        |





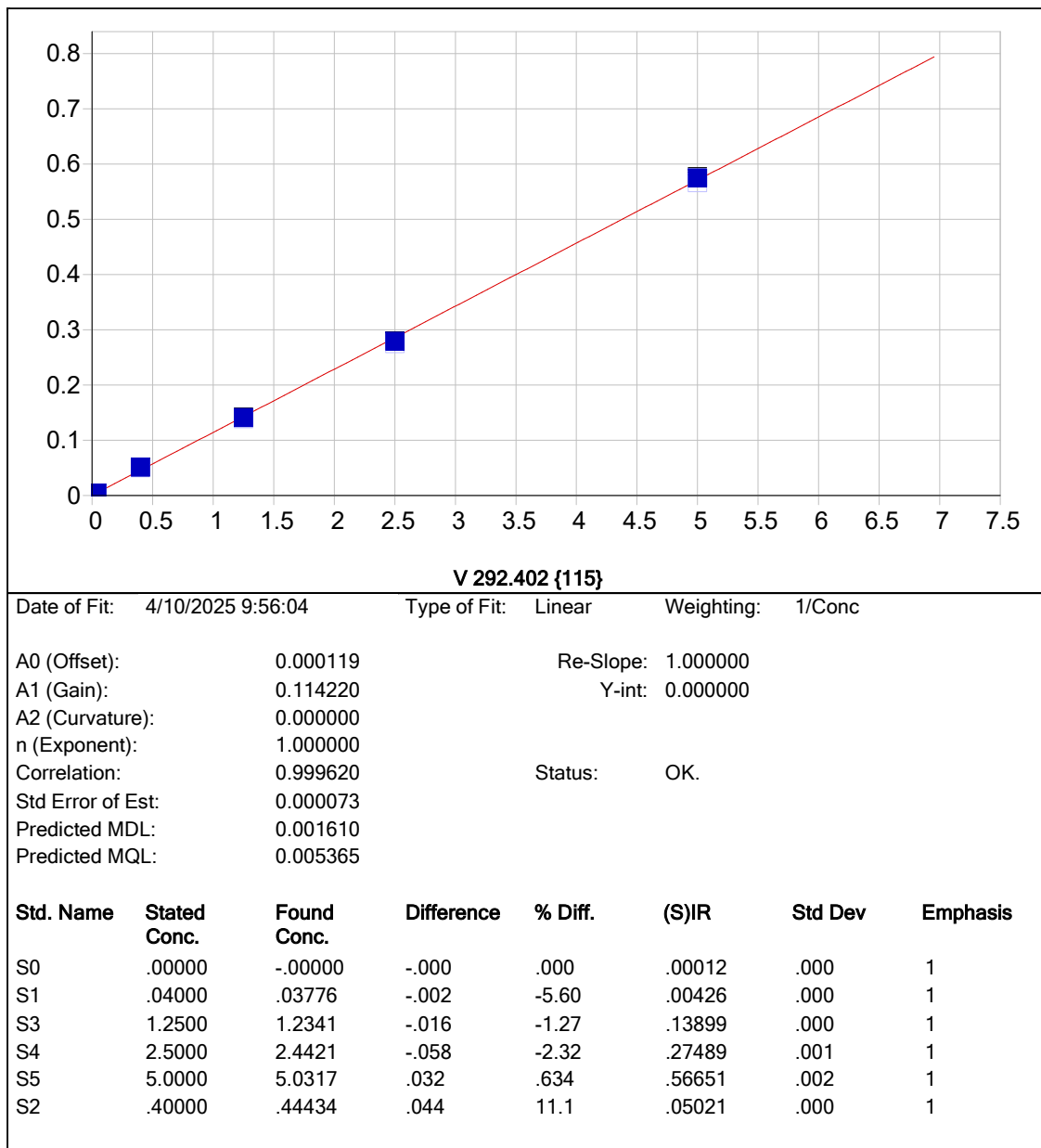


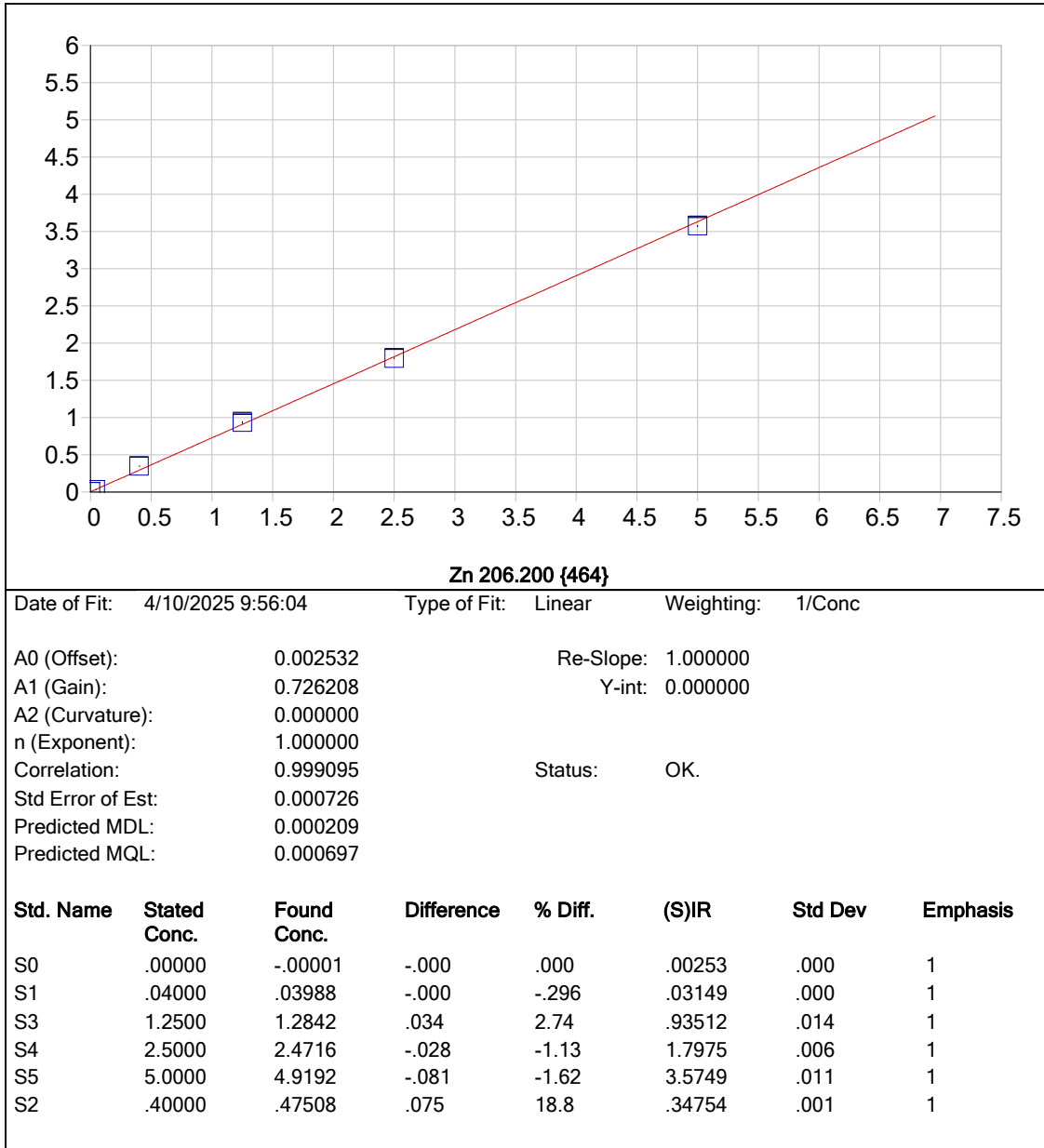
Na 589.592 { 57}

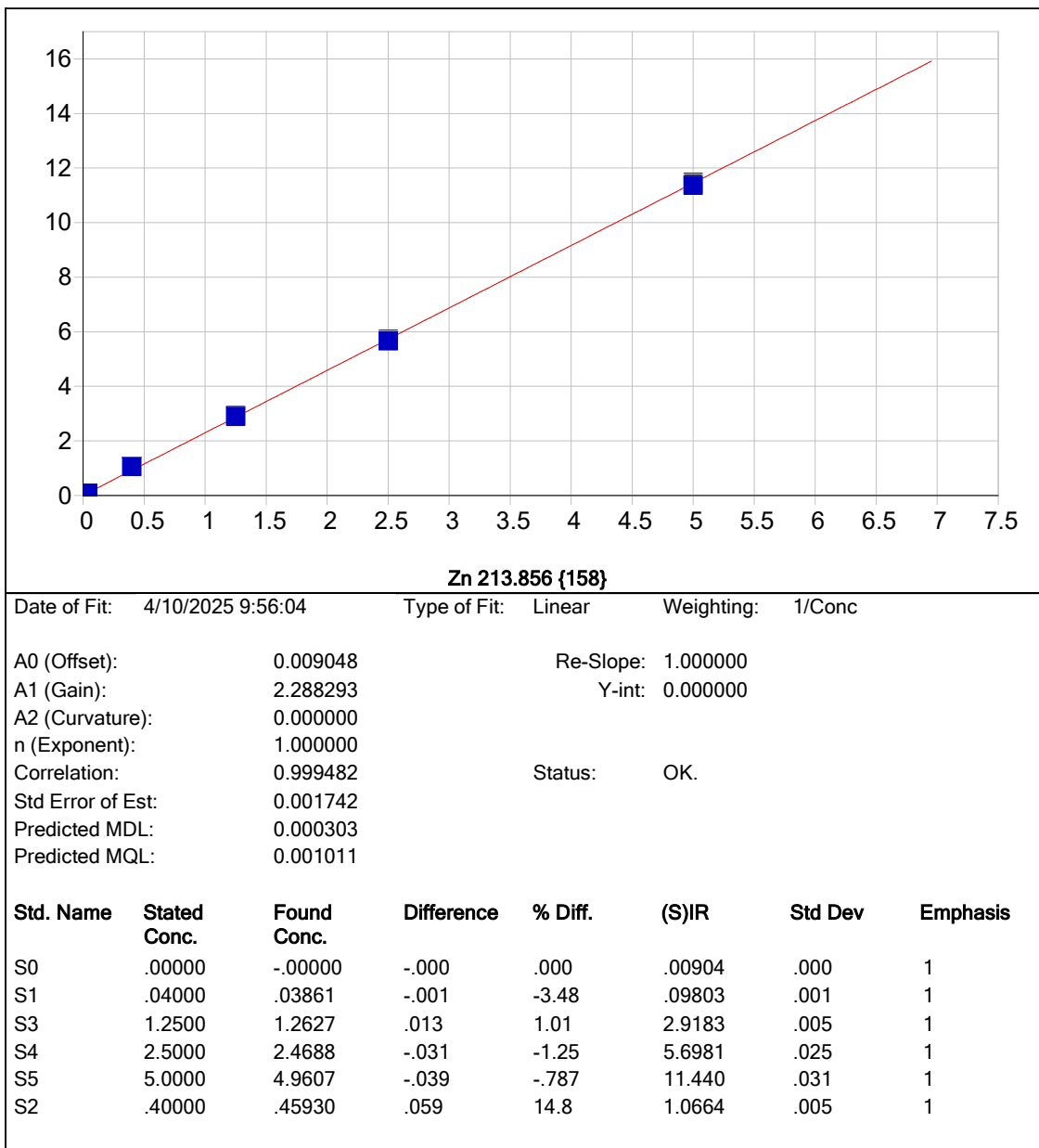
Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

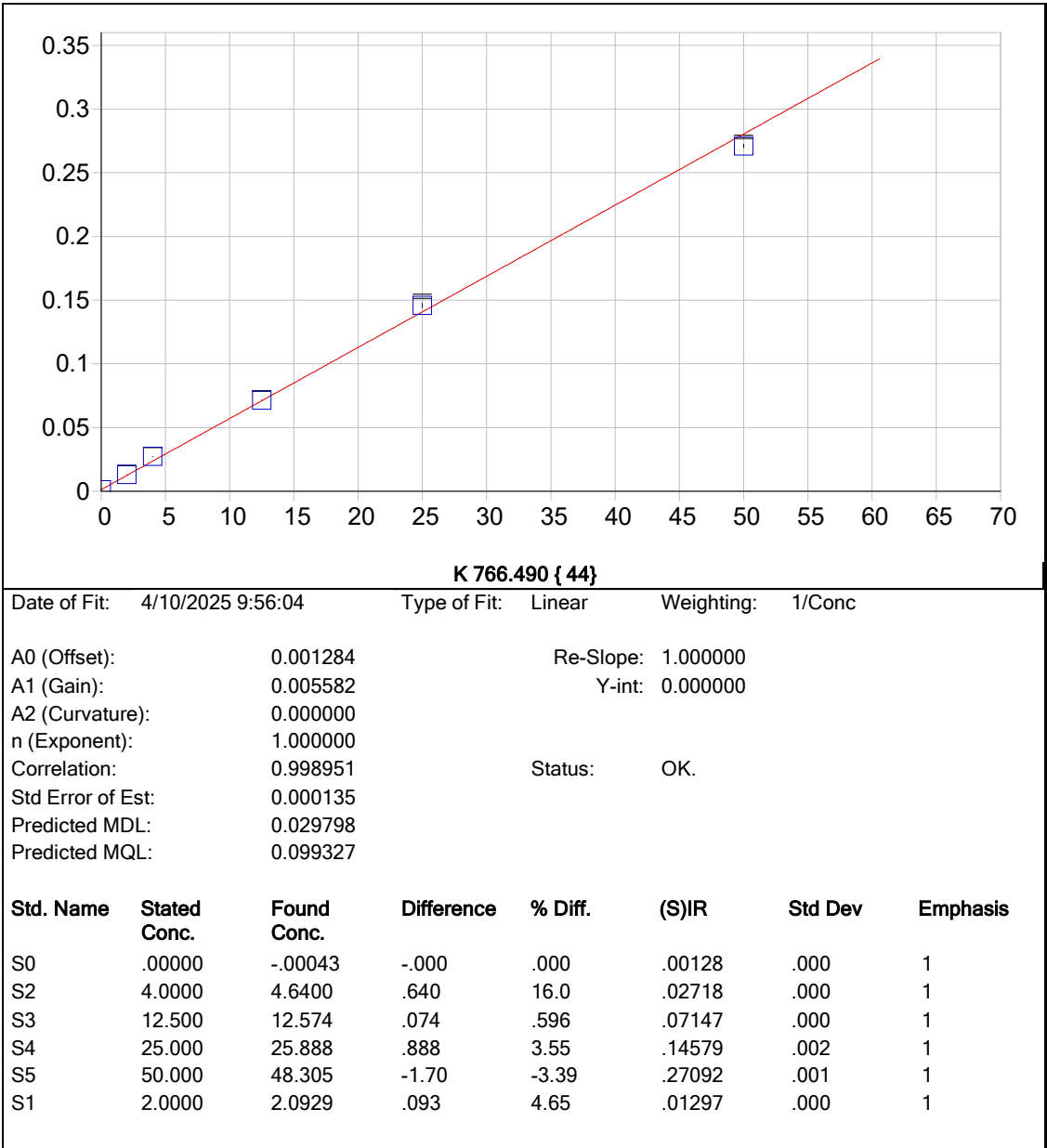
A0 (Offset): 0.010310 Re-Slope: 1.000000  
A1 (Gain): 0.017473 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999376 Status: OK.  
Std Error of Est: 0.000327  
Predicted MDL: 0.009079  
Predicted MQL: 0.030263

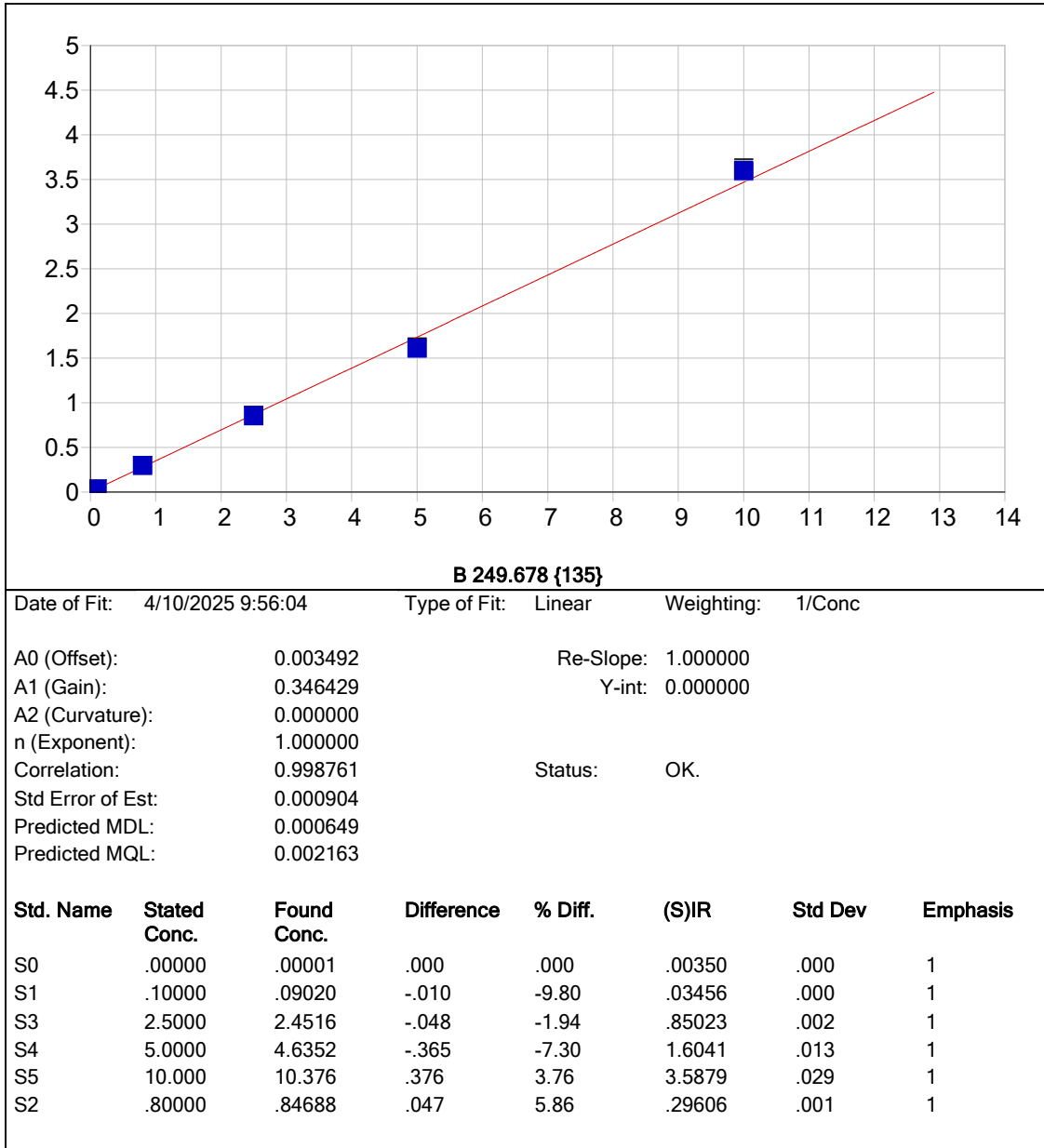
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00020     | -.000      | .000    | .01031 | .000    | 1        |
| S2        | 4.0000       | 4.5122      | .512       | 12.8    | .08915 | .000    | 1        |
| S3        | 12.500       | 12.336      | -.164      | -1.31   | .22585 | .001    | 1        |
| S4        | 25.000       | 25.781      | .781       | 3.13    | .46080 | .004    | 1        |
| S5        | 50.000       | 48.915      | -1.08      | -2.17   | .86502 | .004    | 1        |
| S1        | 2.0000       | 1.9555      | -.044      | -2.22   | .04448 | .000    | 1        |





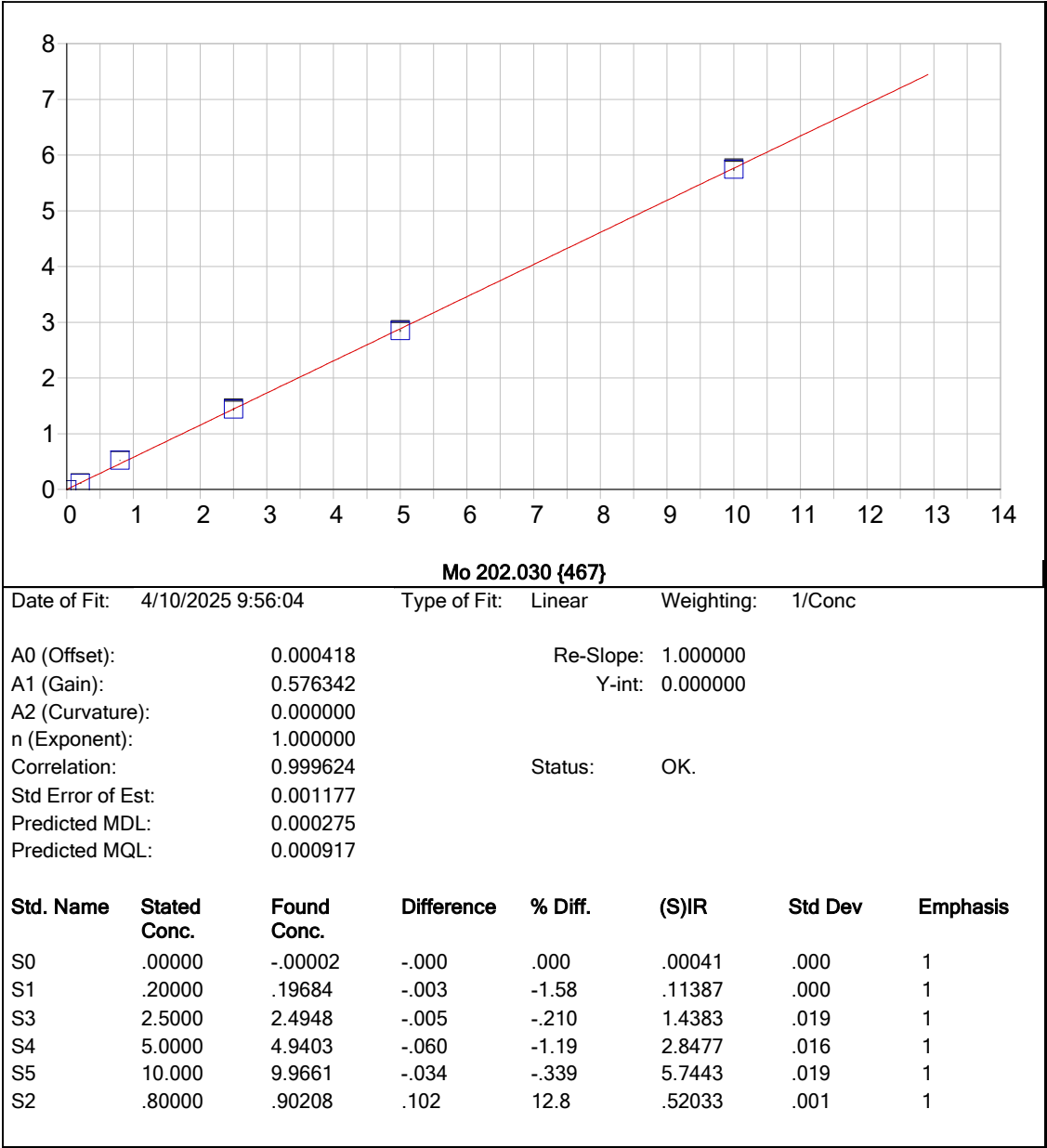


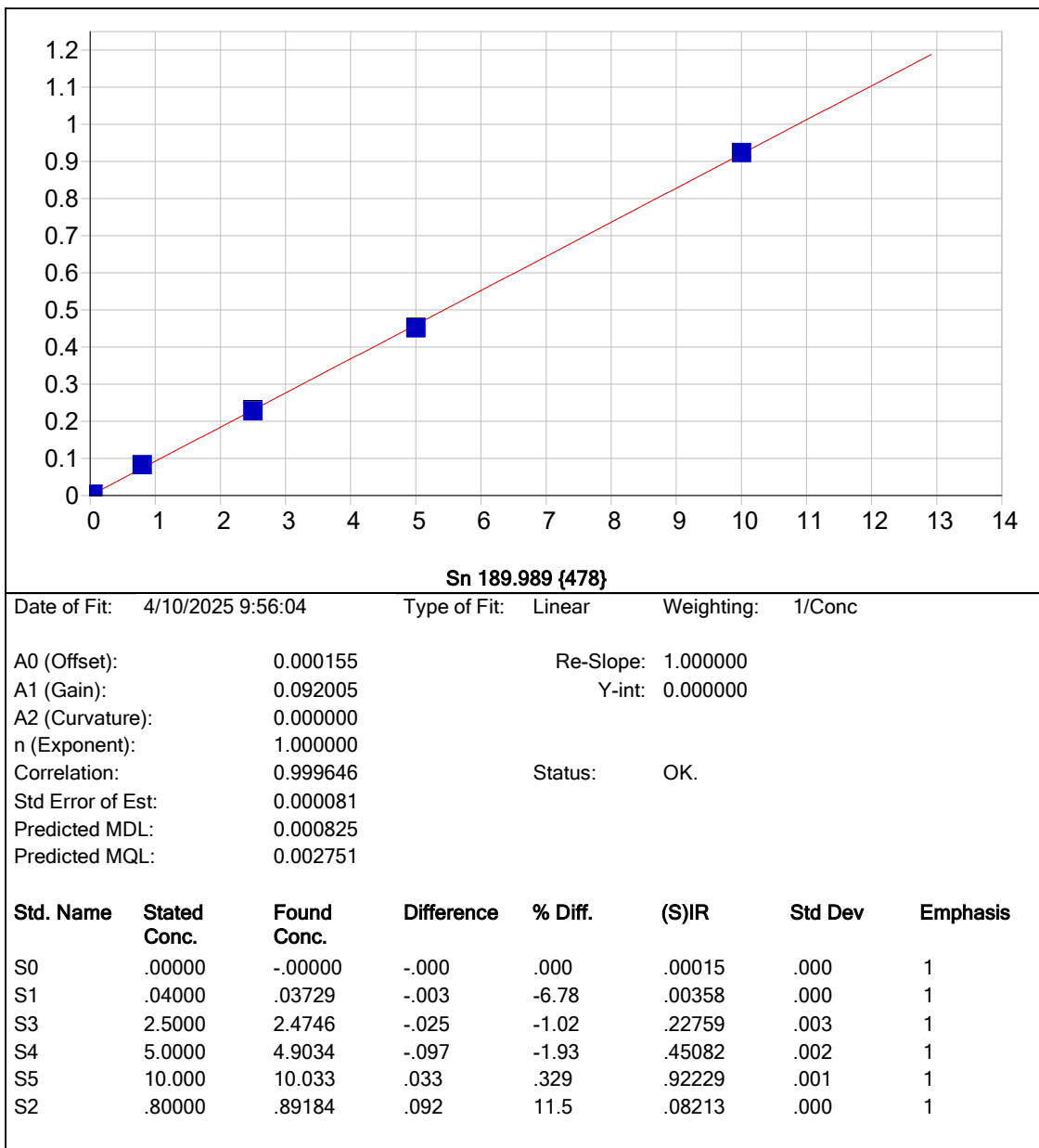




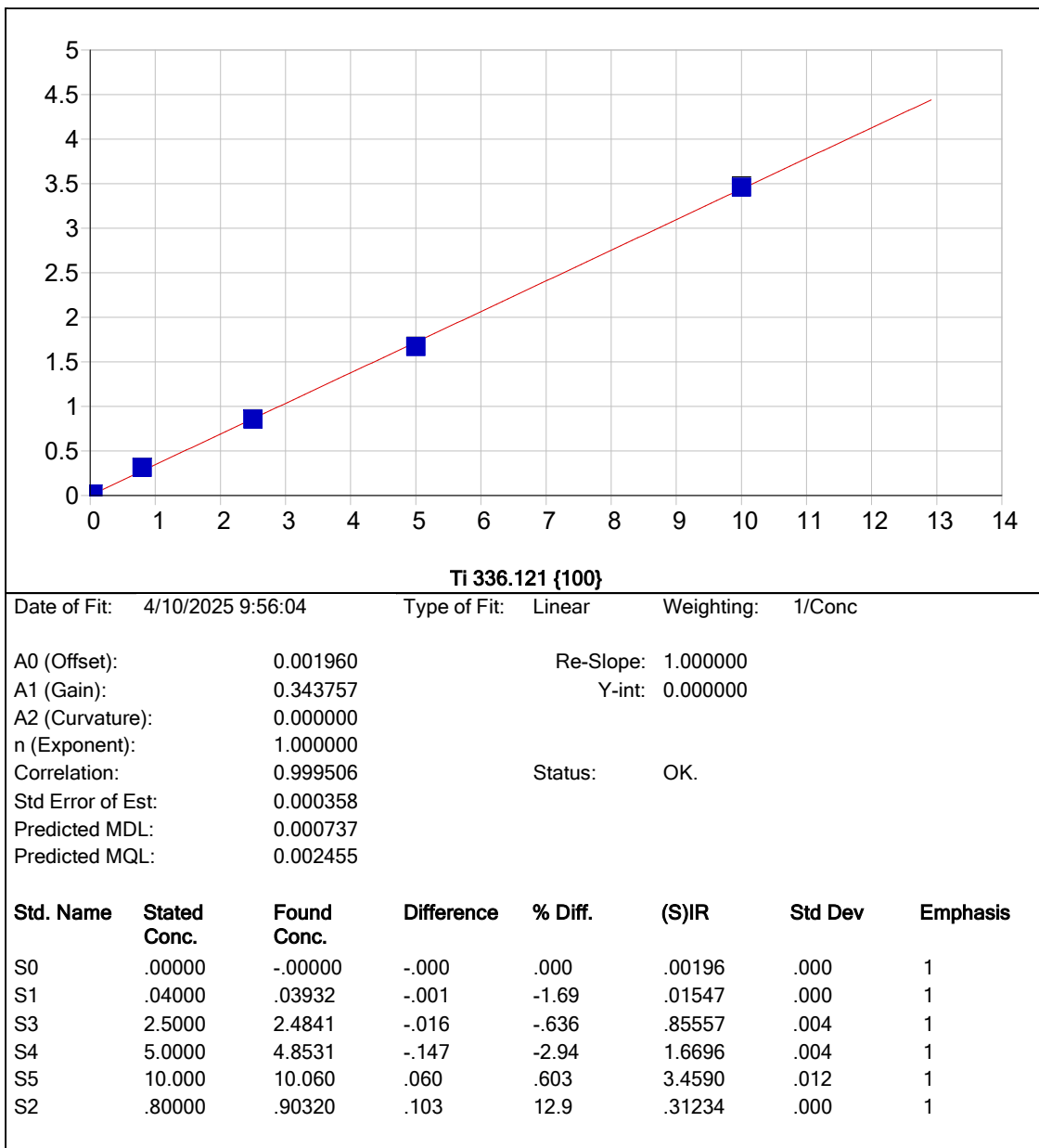
Date of Fit: 4/10/2025 9:56:04      Type of Fit: Linear      Weighting: 1/Conc

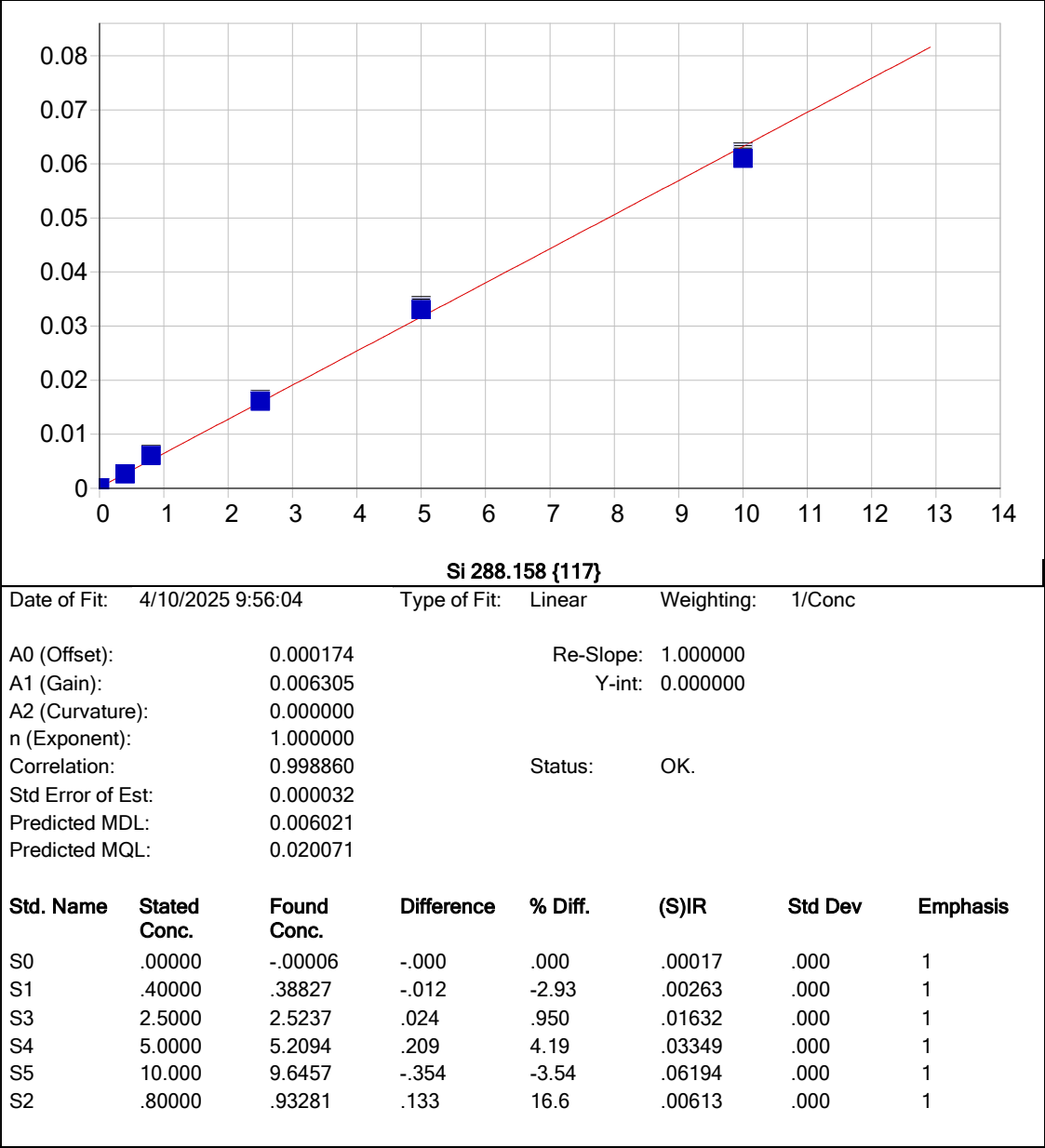
A0 (Offset): 0.003492      Re-Slope: 1.000000  
A1 (Gain): 0.346429      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.998761      Status: OK.  
Std Error of Est: 0.000904  
Predicted MDL: 0.000649  
Predicted MQL: 0.002163

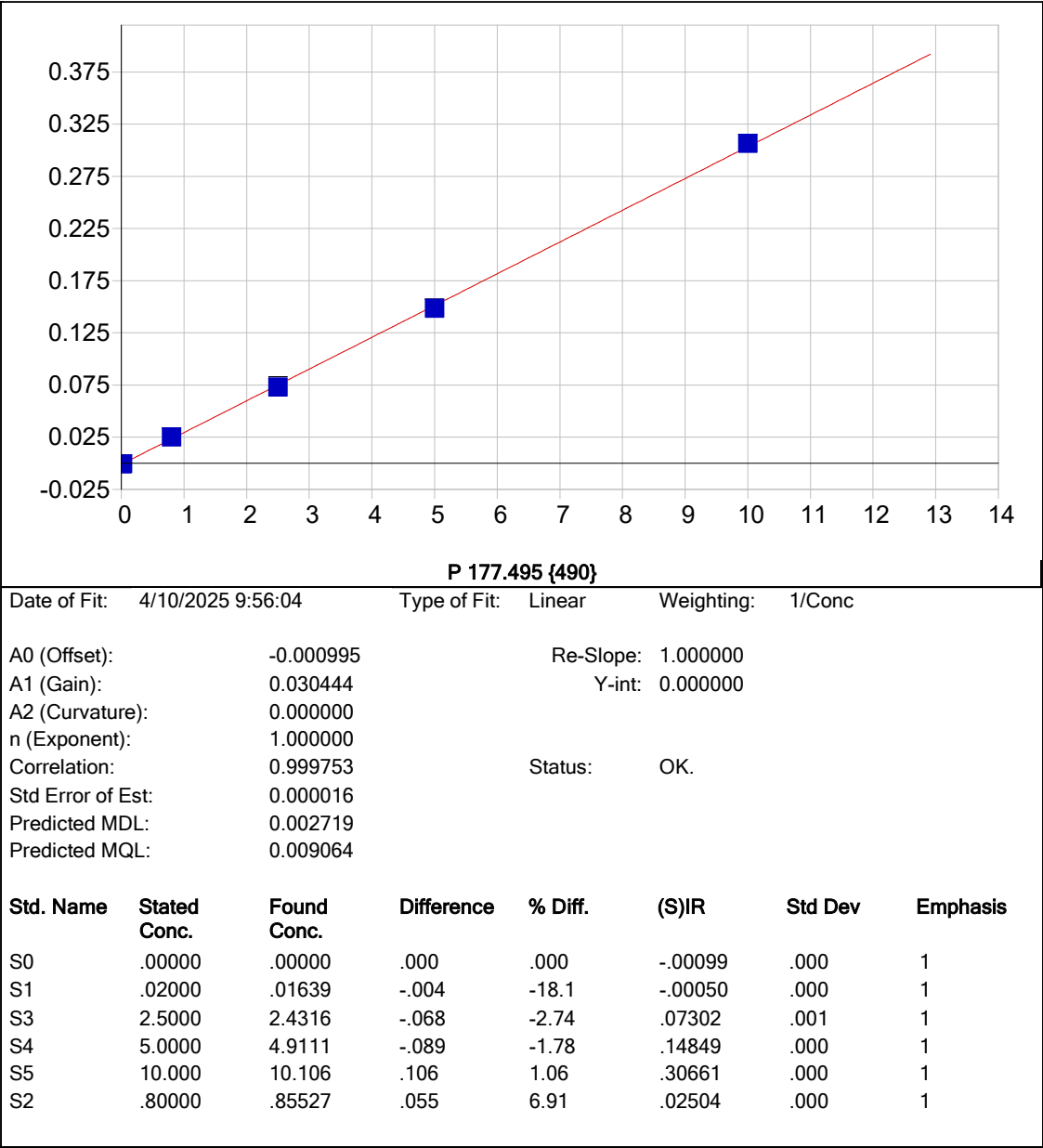


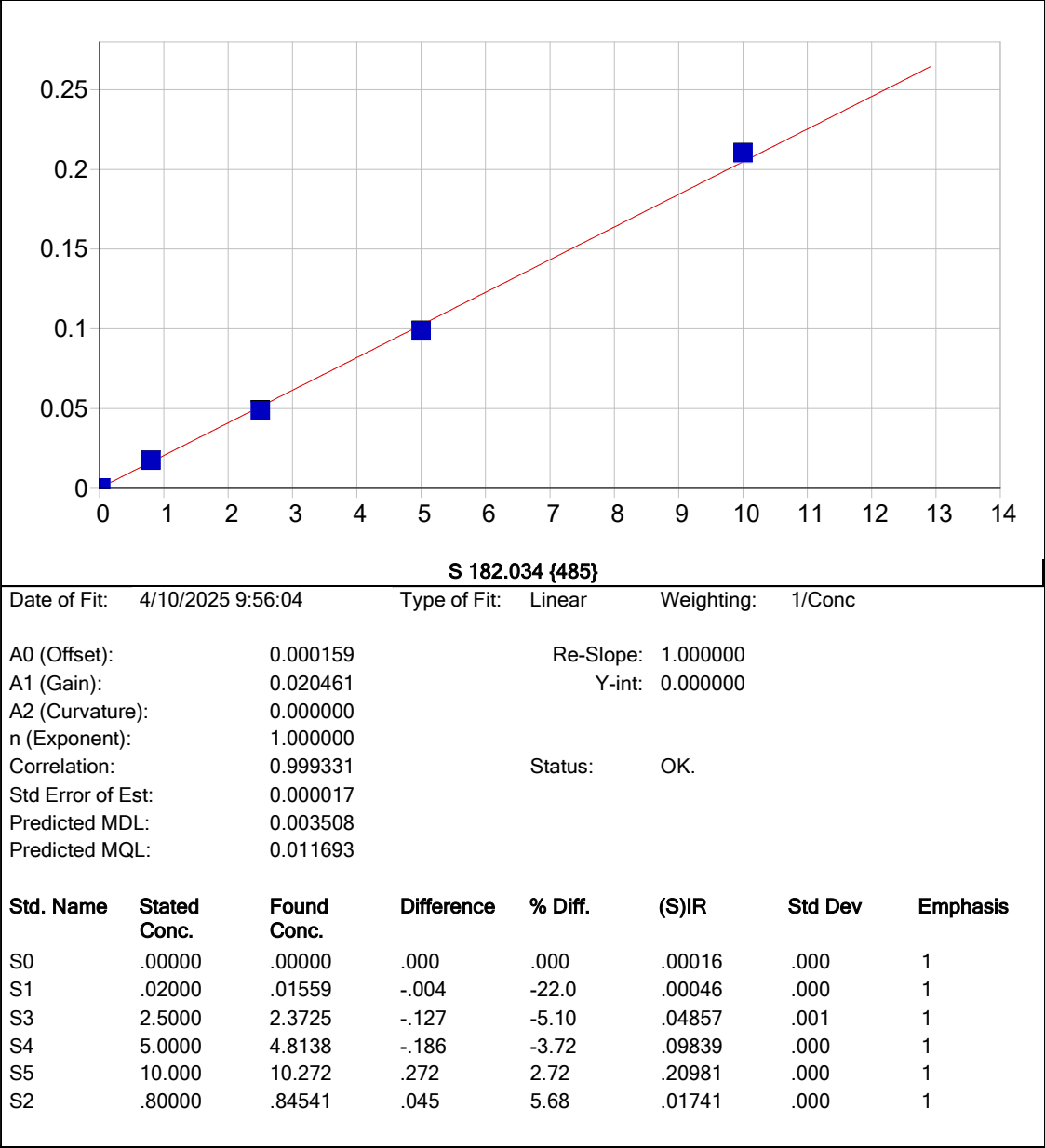


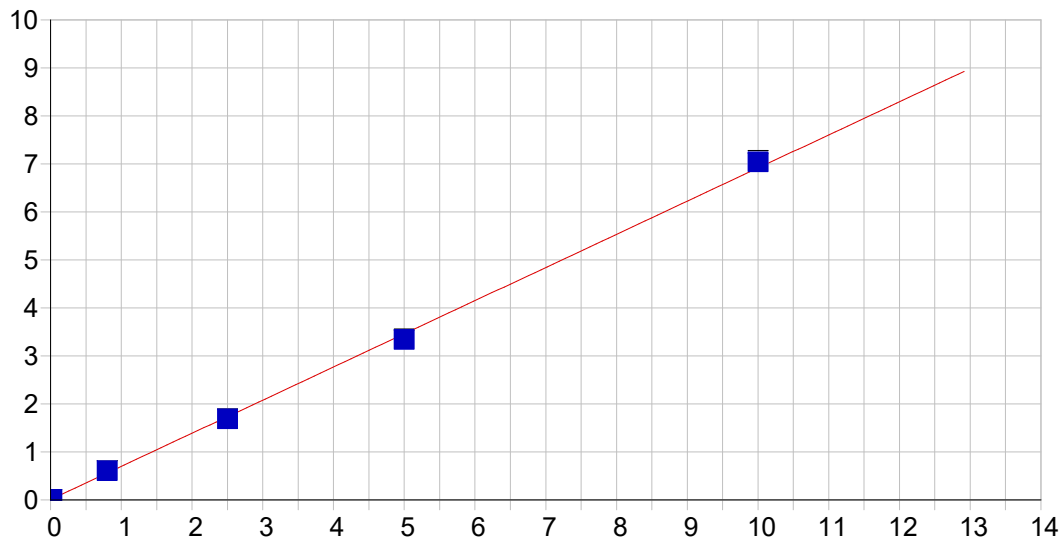










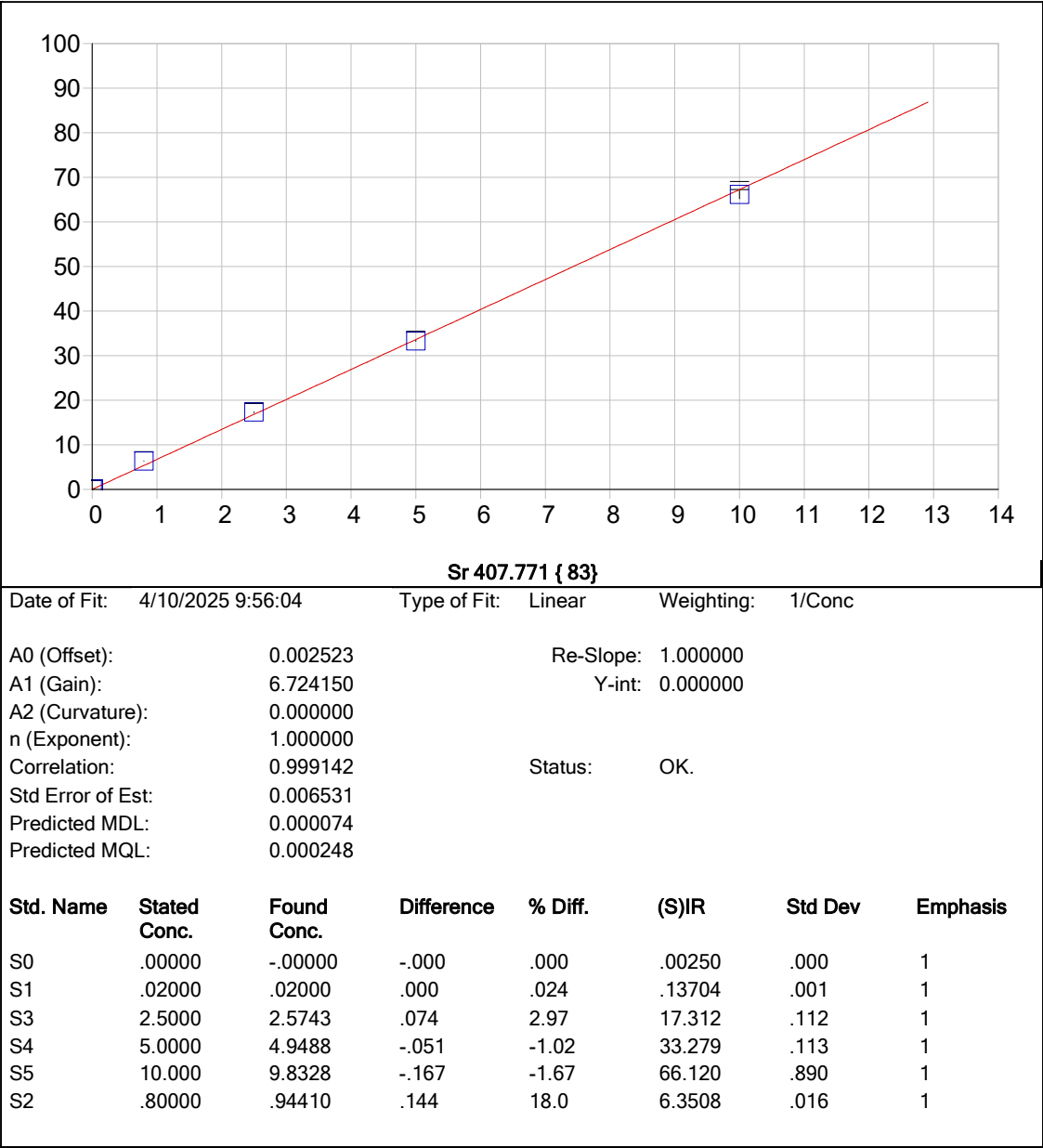


Li 670.784 { 50}

Date of Fit: 4/10/2025 9:56:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.006780 Re-Slope: 1.000000  
A1 (Gain): 0.690720 Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999491 Status: OK.  
Std Error of Est: 0.000517  
Predicted MDL: 0.001116  
Predicted MQL: 0.003721

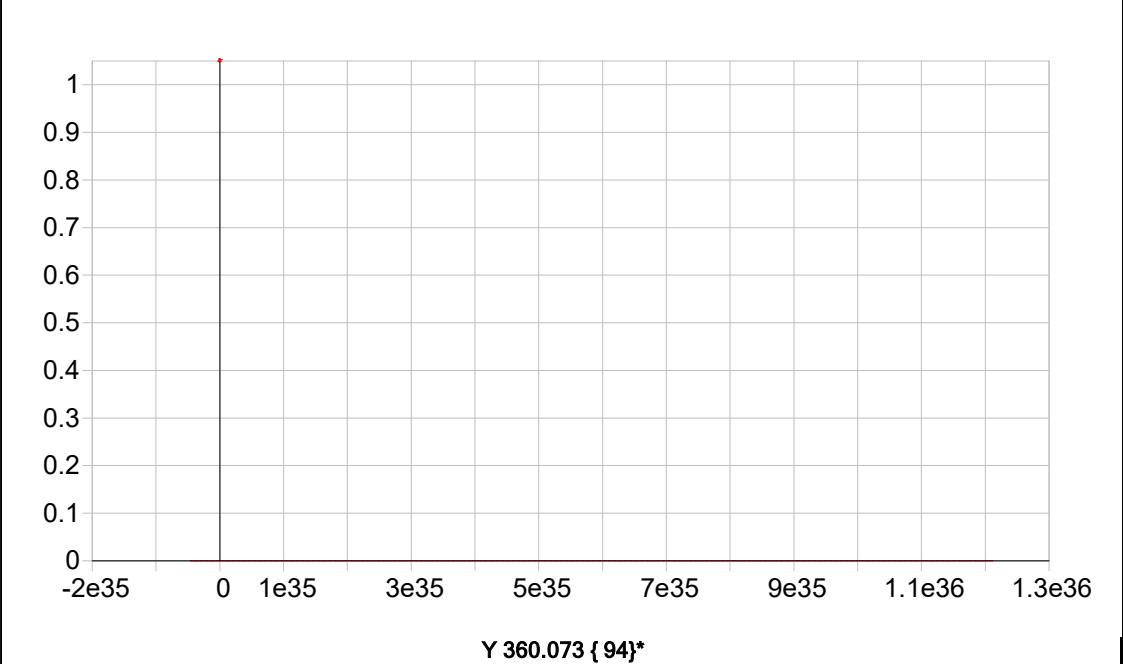
| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | .00000      | .000       | .000    | .00678 | .000    | 1        |
| S5        | 10.000       | 10.178      | .178       | 1.78    | 7.0402 | .031    | 1        |
| S4        | 5.0000       | 4.8237      | -.176      | -3.53   | 3.3403 | .011    | 1        |
| S3        | 2.5000       | 2.4296      | -.070      | -2.81   | 1.6858 | .008    | 1        |
| S1        | .02000       | .01624      | -.004      | -18.8   | .01822 | .000    | 1        |
| S2        | .80000       | .87280      | .073       | 9.10    | .60992 | .003    | 1        |





|                   |                   |              |          |            |        |
|-------------------|-------------------|--------------|----------|------------|--------|
| Date of Fit:      | 4/9/2025 13:12:50 | 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: 4/10/2025 9:30:36      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | -.00008 | .00001  | -.00001 | .00034  | .00028  | .00059 | .03095 | -.00025 |
| Stddev | .00004  | .00005  | .00009  | .00005  | .00007  | .00007 | .00128 | .00010  |
| %RSD   | 43.657  | 596.22  | 1278.3  | 15.433  | 23.545  | 11.280 | 4.1268 | 41.086  |
| #1     | -.00010 | -.00002 | -.00001 | .00028  | .00036  | .00064 | .02973 | -.00019 |
| #2     | -.00004 | -.00002 | .00009  | .00036  | .00024  | .00061 | .03083 | -.00037 |
| #3     | -.00010 | .00007  | -.00010 | .00038  | .00025  | .00051 | .03228 | -.00020 |
| 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    | .00020  | .00090  | .00012  | .00016  | -.00049 | .00006 | .00223 | -.00008 |
| Stddev | .00014  | .00006  | .00002  | .00020  | .00025  | .00001 | .00015 | .00013  |
| %RSD   | 68.807  | 7.1574  | 17.321  | 130.17  | 51.990  | 14.656 | 6.7921 | 154.98  |
| #1     | .00017  | .00097  | .00009  | .00034  | -.00065 | .00005 | .00206 | -.00002 |
| #2     | .00008  | .00084  | .00012  | .00019  | -.00020 | .00006 | .00234 | .00000  |
| #3     | .00036  | .00091  | .00013  | -.00006 | -.00063 | .00006 | .00230 | -.00023 |
| 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    | -.00003 | -.00121 | .01031  | .00012  | .00904  | .00128 | .00350 | .00041  |
| Stddev | .00025  | .00002  | .00012  | .00006  | .00048  | .00010 | .00010 | .00006  |
| %RSD   | 737.24  | 1.7633  | 1.1785  | 54.198  | 5.2713  | 7.9551 | 2.9083 | 13.945  |
| #1     | .00011  | -.00120 | .01020  | .00005  | .00879  | .00135 | .00344 | .00035  |
| #2     | .00011  | -.00123 | .01028  | .00015  | .00874  | .00117 | .00361 | .00047  |
| #3     | -.00032 | -.00119 | .01044  | .00017  | .00959  | .00133 | .00343 | .00040  |
| 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    | .00015  | .00196  | .00017  | -.00099 | .00016  | .00678 | .00250 |         |
| Stddev | .00002  | .00006  | .00000  | .00008  | .00007  | .00046 | .00043 |         |
| %RSD   | 15.893  | 3.0035  | 2.1007  | 7.7949  | 41.798  | 6.8227 | 17.322 |         |
| #1     | .00014  | .00189  | .00018  | -.00108 | .00009  | .00655 | .00200 |         |
| #2     | .00015  | .00198  | .00018  | -.00097 | .00022  | .00731 | .00269 |         |
| #3     | .00018  | .00201  | .00017  | -.00093 | .00016  | .00648 | .00280 |         |

Sample Name: S0      Acquired: 4/10/2025 9:30:36      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3607.1 | 85561. | 14797. | 2562.3 | 5708.3 |
| Stddev    | 5.7    | 276.   | 88.    | 11.9   | 13.3   |
| %RSD      | .15713 | .32301 | .59442 | .46430 | .23297 |
| #1        | 3605.2 | 85252. | 14897. | 2551.2 | 5706.8 |
| #2        | 3613.5 | 85783. | 14761. | 2574.9 | 5722.3 |
| #3        | 3602.6 | 85648. | 14733. | 2560.9 | 5695.8 |

Sample Name: S1      Acquired: 4/10/2025 9:35:03      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | .00084 | .00199 | .00187 | .00121  | .00622 | .01045 | .22067 | .02005 |
| Stddev | .00008 | .00009 | .00015 | .00005  | .00012 | .00053 | .00206 | .00019 |
| %RSD   | 9.7510 | 4.3008 | 7.8994 | 4.4766  | 1.9436 | 5.0751 | .93372 | .94498 |
| #1     | .00084 | .00195 | .00180 | .00124  | .00623 | .01101 | .21837 | .01983 |
| #2     | .00076 | .00208 | .00204 | .00125  | .00634 | .00995 | .22234 | .02016 |
| #3     | .00093 | .00192 | .00177 | .00115  | .00610 | .01040 | .22131 | .02017 |
| 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    | .01174 | .07908 | .00152 | .02110  | .01324 | .00048 | .00953 | .02467 |
| Stddev | .00011 | .00009 | .00005 | .00035  | .00011 | .00002 | .00012 | .00033 |
| %RSD   | .90715 | .11128 | 3.0186 | 1.6521  | .80489 | 4.5522 | 1.2247 | 1.3180 |
| #1     | .01163 | .07903 | .00156 | .02082  | .01335 | .00047 | .00948 | .02450 |
| #2     | .01184 | .07918 | .00147 | .02149  | .01314 | .00046 | .00945 | .02446 |
| #3     | .01175 | .07902 | .00153 | .02098  | .01321 | .00050 | .00967 | .02504 |
| 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    | .02138 | .00123 | .04448 | .00426  | .09803 | .01297 | .03456 | .11387 |
| Stddev | .00021 | .00006 | .00034 | .00010  | .00091 | .00006 | .00019 | .00021 |
| %RSD   | .99578 | 5.2281 | .77407 | 2.3512  | .93206 | .48558 | .55395 | .18013 |
| #1     | .02161 | .00116 | .04420 | .00420  | .09709 | .01302 | .03439 | .11404 |
| #2     | .02120 | .00128 | .04437 | .00421  | .09810 | .01298 | .03451 | .11364 |
| #3     | .02132 | .00126 | .04487 | .00438  | .09891 | .01290 | .03477 | .11392 |
| 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    | .00358 | .01547 | .00263 | -.00050 | .00046 | .01822 | .13704 |        |
| Stddev | .00010 | .00014 | .00001 | .00010  | .00006 | .00026 | .00055 |        |
| %RSD   | 2.9126 | .88999 | .43306 | 20.609  | 13.105 | 1.4539 | .39871 |        |
| #1     | .00346 | .01551 | .00264 | -.00059 | .00043 | .01819 | .13656 |        |
| #2     | .00363 | .01558 | .00262 | -.00050 | .00053 | .01797 | .13692 |        |
| #3     | .00365 | .01531 | .00262 | -.00039 | .00043 | .01850 | .13763 |        |

Sample Name: S1      Acquired: 4/10/2025 9:35:03      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3555.9 | 84282. | 16067. | 2504.5 | 5581.0 |
| Stddev    | 4.3    | 265.   | 34.    | 6.5    | 10.3   |
| %RSD      | .12168 | .31477 | .21001 | .25822 | .18437 |
| #1        | 3551.5 | 84491. | 16078. | 2505.1 | 5571.5 |
| #2        | 3560.2 | 84371. | 16094. | 2510.7 | 5579.6 |
| #3        | 3556.1 | 83983. | 16029. | 2497.8 | 5591.9 |

Sample Name: S2      Acquired: 4/10/2025 9:39:25      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | .03985 | .04726 | .15746 | .04448 | .10554 | .17192 | 3.5608 | .16096 |
| Stddev | .00019 | .00014 | .00076 | .00010 | .00001 | .00082 | .0108  | .00030 |
| %RSD   | .48816 | .29438 | .48037 | .22640 | .00513 | .47714 | .30287 | .18691 |
| #1     | .03976 | .04740 | .15762 | .04452 | .10554 | .17176 | 3.5497 | .16075 |
| #2     | .03971 | .04725 | .15663 | .04437 | .10554 | .17120 | 3.5613 | .16131 |
| #3     | .04007 | .04712 | .15812 | .04456 | .10555 | .17281 | 3.5713 | .16083 |
| 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    | .90412 | .18137 | .02782 | .32434 | .14487 | .00421 | .19935 | .05333 |
| Stddev | .00274 | .00092 | .00010 | .00068 | .00026 | .00005 | .00029 | .00020 |
| %RSD   | .30353 | .50859 | .35682 | .20860 | .18198 | 1.0867 | .14620 | .38351 |
| #1     | .90404 | .18199 | .02793 | .32405 | .14515 | .00424 | .19950 | .05355 |
| #2     | .90141 | .18181 | .02779 | .32385 | .14463 | .00415 | .19901 | .05329 |
| #3     | .90690 | .18031 | .02773 | .32511 | .14484 | .00423 | .19953 | .05315 |
| 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    | .25165 | .05508 | .08915 | .05021 | 1.0664 | .02718 | .29606 | .52033 |
| Stddev | .00058 | .00007 | .00042 | .00033 | .0046  | .00019 | .00131 | .00146 |
| %RSD   | .23224 | .12633 | .47304 | .66367 | .43331 | .70813 | .44246 | .28049 |
| #1     | .25159 | .05503 | .08877 | .04984 | 1.0611 | .02713 | .29618 | .51998 |
| #2     | .25110 | .05516 | .08908 | .05027 | 1.0690 | .02703 | .29730 | .51907 |
| #3     | .25227 | .05505 | .08961 | .05050 | 1.0692 | .02740 | .29469 | .52193 |
| 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    | .08213 | .31234 | .00613 | .02504 | .01741 | .60992 | 6.3508 |        |
| Stddev | .00012 | .00030 | .00008 | .00015 | .00009 | .00295 | .0159  |        |
| %RSD   | .15205 | .09632 | 1.2842 | .59365 | .52151 | .48439 | .25093 |        |
| #1     | .08200 | .31202 | .00617 | .02487 | .01738 | .60761 | 6.3343 |        |
| #2     | .08224 | .31239 | .00604 | .02509 | .01735 | .60889 | 6.3521 |        |
| #3     | .08217 | .31262 | .00619 | .02516 | .01752 | .61325 | 6.3661 |        |

Sample Name: S2      Acquired: 4/10/2025 9:39:25      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3515.7 | 83404. | 15468. | 2487.6 | 5447.3 |
| Stddev    | 2.0    | 39.    | 44.    | 9.5    | 4.1    |
| %RSD      | .05758 | .04654 | .28398 | .38336 | .07515 |
| #1        | 3517.6 | 83407. | 15457. | 2498.6 | 5448.1 |
| #2        | 3515.8 | 83441. | 15431. | 2481.3 | 5451.0 |
| #3        | 3513.6 | 83363. | 15517. | 2483.0 | 5442.9 |



Sample Name: S3      Acquired: 4/10/2025 9:43:32      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | .11184 | .13178 | .43634 | .12358 | .29470 | .47824 | 9.6327 | .46431 |
| Stddev | .00168 | .00179 | .00652 | .00151 | .00370 | .00124 | .0636  | .00108 |
| %RSD   | 1.5005 | 1.3584 | 1.4936 | 1.2251 | 1.2554 | .25969 | .66079 | .23358 |
| #1     | .11262 | .13226 | .44116 | .12440 | .29714 | .47709 | 9.6720 | .46534 |
| #2     | .11299 | .13328 | .43892 | .12451 | .29653 | .47956 | 9.6669 | .46443 |
| #3     | .10992 | .12980 | .42892 | .12184 | .29045 | .47808 | 9.5593 | .46318 |
| 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    | 2.5009 | .49721 | .07779 | .89335 | .39584 | .01054 | .53692 | .14933 |
| Stddev | .0396  | .00091 | .00019 | .01471 | .00564 | .00002 | .00201 | .00060 |
| %RSD   | 1.5832 | .18226 | .24889 | 1.6469 | 1.4254 | .18573 | .37420 | .40125 |
| #1     | 2.5282 | .49797 | .07777 | .90352 | .39946 | .01052 | .53907 | .14884 |
| #2     | 2.5191 | .49745 | .07761 | .90005 | .39872 | .01056 | .53662 | .15000 |
| #3     | 2.4555 | .49621 | .07799 | .87648 | .38934 | .01054 | .53508 | .14915 |
| 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    | .69418 | .15371 | .22585 | .13899 | 2.9183 | .07147 | .85023 | 1.4383 |
| Stddev | .01065 | .00031 | .00055 | .00033 | .0053  | .00008 | .00239 | .0187  |
| %RSD   | 1.5338 | .20176 | .24530 | .23486 | .18187 | .11083 | .28110 | 1.3013 |
| #1     | .70093 | .15386 | .22549 | .13937 | 2.9185 | .07155 | .85092 | 1.4488 |
| #2     | .69971 | .15336 | .22558 | .13883 | 2.9129 | .07140 | .85220 | 1.4493 |
| #3     | .68191 | .15392 | .22649 | .13878 | 2.9235 | .07147 | .84757 | 1.4166 |
| 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    | .22759 | .85557 | .01632 | .07302 | .04857 | 1.6858 | 17.312 |        |
| Stddev | .00320 | .00365 | .00007 | .00111 | .00065 | .0083  | .112   |        |
| %RSD   | 1.4079 | .42651 | .40681 | 1.5250 | 1.3398 | .49280 | .64555 |        |
| #1     | .22967 | .85841 | .01635 | .07373 | .04906 | 1.6912 | 17.440 |        |
| #2     | .22920 | .85685 | .01625 | .07360 | .04882 | 1.6901 | 17.235 |        |
| #3     | .22390 | .85146 | .01637 | .07174 | .04783 | 1.6763 | 17.262 |        |

Sample Name: S3      Acquired: 4/10/2025 9:43:32      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3452.4 | 81357. | 14543. | 2374.2 | 5288.7 |
| Stddev    | 37.4   | 141.   | 58.    | 4.9    | 70.6   |
| %RSD      | 1.0834 | .17312 | .39950 | .20516 | 1.3345 |
| #1        | 3430.8 | 81454. | 14530. | 2376.6 | 5243.3 |
| #2        | 3430.8 | 81421. | 14492. | 2377.4 | 5252.8 |
| #3        | 3495.6 | 81195. | 14606. | 2368.6 | 5370.0 |

Sample Name: S4      Acquired: 4/10/2025 9:47:39      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | .22570 | .25877 | .85805 | .24845 | .59713 | .95348 | 18.521 | .86906 |
| Stddev | .00140 | .00410 | .00329 | .00251 | .00507 | .00064 | .176   | .00570 |
| %RSD   | .62065 | 1.5835 | .38320 | 1.0106 | .84899 | .06733 | .95140 | .65643 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .22470 | .25423 | .85506 | .24700 | .59279 | .95371 | 18.404 | .86316 |
| #2 | .22511 | .25990 | .85751 | .24699 | .59589 | .95276 | 18.434 | .86946 |
| #3 | .22731 | .26219 | .86157 | .25135 | .60270 | .95399 | 18.723 | .87455 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.9555 | .96406 | .15191 | 1.7631 | .77850 | .02070 | 1.0208 | .29351 |
| Stddev | .0127  | .00139 | .00056 | .0055  | .00402 | .00024 | .0012  | .00144 |
| %RSD   | .25595 | .14367 | .37038 | .31086 | .51701 | 1.1667 | .11462 | .49198 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 4.9450 | .96324 | .15229 | 1.7587 | .77607 | .02092 | 1.0203 | .29305 |
| #2 | 4.9518 | .96329 | .15216 | 1.7615 | .77628 | .02074 | 1.0221 | .29236 |
| #3 | 4.9696 | .96566 | .15126 | 1.7693 | .78314 | .02044 | 1.0199 | .29513 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.3731 | .30248 | .46080 | .27489 | 5.6981 | .14579 | 1.6041 | 2.8477 |
| Stddev | .0052  | .00026 | .00436 | .00071 | .0248  | .00158 | .0128  | .0165  |
| %RSD   | .37508 | .08580 | .94625 | .25764 | .43525 | 1.0816 | .79921 | .57866 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.3693 | .30269 | .46483 | .27492 | 5.7156 | .14703 | 1.5937 | 2.8350 |
| #2 | 1.3711 | .30219 | .46140 | .27558 | 5.6697 | .14633 | 1.6003 | 2.8417 |
| #3 | 1.3790 | .30256 | .45617 | .27416 | 5.7090 | .14401 | 1.6184 | 2.8663 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | .45082 | 1.6696 | .03349 | .14849 | .09839 | 3.3403 | 33.279 |  |
| Stddev | .00157 | .0037  | .00024 | .00029 | .00046 | .0114  | .113   |  |
| %RSD   | .34891 | .22143 | .71982 | .19288 | .46439 | .33972 | .33814 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | .44929 | 1.6718 | .03371 | .14881 | .09793 | 3.3445 | 33.402 |  |
| #2 | .45074 | 1.6718 | .03353 | .14825 | .09839 | 3.3490 | 33.180 |  |
| #3 | .45244 | 1.6654 | .03323 | .14842 | .09884 | 3.3275 | 33.256 |  |

Sample Name: S4      Acquired: 4/10/2025 9:47:39      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3306.9 | 78896. | 14744. | 2234.4 | 5028.2 |
| Stddev    | 13.2   | 292.   | 89.    | 18.1   | 14.0   |
| %RSD      | .39822 | .37011 | .60189 | .80900 | .27818 |
| #1        | 3312.9 | 78560. | 14812. | 2216.8 | 5037.8 |
| #2        | 3315.9 | 79088. | 14777. | 2252.9 | 5034.7 |
| #3        | 3291.8 | 79040. | 14644. | 2233.5 | 5012.2 |

Sample Name: S5      Acquired: 4/10/2025 9:51:52      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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    | .46714 | .52533 | 1.7473 | .51352 | 1.2381 | 2.0163 | 37.609 | 1.9482 |
| Stddev | .00232 | .00337 | .0017  | .00185 | .0043  | .0069  | .559   | .0160  |
| %RSD   | .49718 | .64063 | .09441 | .36079 | .34447 | .34146 | 1.4874 | .82261 |
| #1     | .46491 | .52322 | 1.7485 | .51174 | 1.2334 | 2.0143 | 37.961 | 1.9419 |
| #2     | .46697 | .52357 | 1.7455 | .51340 | 1.2390 | 2.0107 | 36.964 | 1.9362 |
| #3     | .46955 | .52921 | 1.7481 | .51544 | 1.2418 | 2.0240 | 37.903 | 1.9664 |
| 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    | 10.069 | 1.9658 | .30218 | 3.5924 | 1.5632 | .03784 | 2.0799 | .61184 |
| Stddev | .013   | .0069  | .00046 | .0054  | .0052  | .00036 | .0045  | .00260 |
| %RSD   | .12694 | .35260 | .15134 | .14966 | .33449 | .94344 | .21556 | .42467 |
| #1     | 10.059 | 1.9631 | .30177 | 3.5877 | 1.5582 | .03798 | 2.0756 | .61061 |
| #2     | 10.066 | 1.9606 | .30209 | 3.5911 | 1.5627 | .03810 | 2.0794 | .61007 |
| #3     | 10.084 | 1.9736 | .30267 | 3.5983 | 1.5686 | .03743 | 2.0846 | .61482 |
| 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    | 2.7949 | .61982 | .86502 | .56651 | 11.440 | .27092 | 3.5879 | 5.7443 |
| Stddev | .0019  | .00023 | .00431 | .00235 | .031   | .00129 | .0292  | .0192  |
| %RSD   | .06653 | .03694 | .49817 | .41521 | .27096 | .47460 | .81367 | .33445 |
| #1     | 2.7929 | .61972 | .86514 | .56542 | 11.468 | .27129 | 3.5740 | 5.7271 |
| #2     | 2.7952 | .62008 | .86926 | .56491 | 11.445 | .27198 | 3.5682 | 5.7408 |
| #3     | 2.7966 | .61966 | .86065 | .56921 | 11.407 | .26949 | 3.6214 | 5.7650 |
| 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    | .92229 | 3.4590 | .06194 | .30661 | .20981 | 7.0402 | 66.120 |        |
| Stddev | .00114 | .0117  | .00024 | .00008 | .00016 | .0314  | .890   |        |
| %RSD   | .12376 | .33709 | .39499 | .02653 | .07428 | .44666 | 1.3456 |        |
| #1     | .92119 | 3.4507 | .06172 | .30654 | .20963 | 7.0062 | 66.111 |        |
| #2     | .92223 | 3.4539 | .06220 | .30660 | .20991 | 7.0460 | 65.234 |        |
| #3     | .92347 | 3.4723 | .06189 | .30670 | .20989 | 7.0682 | 67.014 |        |

Sample Name: S5      Acquired: 4/10/2025 9:51:52      Type: Cal  
Method: NON EPA-6010-200.7(v2904)      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       | 3154.6 | 76472. | 12711. | 2110.2 | 4716.3 |
| Stddev    | 8.7    | 164.   | 91.    | 14.0   | 6.1    |
| %RSD      | .27709 | .21496 | .71619 | .66293 | .12907 |
| #1        | 3158.5 | 76323. | 12731. | 2095.0 | 4714.3 |
| #2        | 3160.7 | 76445. | 12790. | 2112.8 | 4723.1 |
| #3        | 3144.6 | 76649. | 12612. | 2122.6 | 4711.4 |

Sample Name: ICV01      Acquired: 4/10/2025 10:09:48      Type: Unk  
Method: NON EPA-6010-200.7(v2912)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9847964 | 1.019649 | .9512114 | 1.033103 | 1.001121 | 2.375501 |
| Stddev | .0047460 | .007811  | .0010732 | .002346  | .004621  | .003377  |
| %RSD   | .4819246 | .7660296 | .1128256 | .2271288 | .4615825 | .1421711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9878783 | 1.027011 | .9520886 | 1.033731 | .996614  | 2.377885 |
| #2 | .9793310 | 1.011456 | .9515309 | 1.030506 | 1.000900 | 2.371636 |
| #3 | .9871797 | 1.020480 | .9500148 | 1.035071 | 1.005848 | 2.376981 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5338797 | .4691498 | .4833567 | 9.297973 | .5051040 | .4884050 |
| Stddev | .0018043 | .0041168 | .0003990 | .065655  | .0008917 | .0007329 |
| %RSD   | .3379688 | .8774975 | .0825426 | .7061201 | .1765283 | .1500516 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5359504 | .4711668 | .4835810 | 9.317367 | .5042157 | .4887981 |
| #2 | .5326445 | .4718691 | .4828961 | 9.351746 | .5059989 | .4875594 |
| #3 | .5330442 | .4644135 | .4835931 | 9.224805 | .5050974 | .4888574 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5174279 | 10.32463 | .4684399 | 5.415083 | .4965128 | .2447265 |
| Stddev | .0014056 | .05193   | .0027077 | .047895  | .0009300 | .0001901 |
| %RSD   | .2716567 | .5029553 | .5780239 | .8844792 | .1872961 | .0776879 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5171348 | 10.36306 | .4697477 | 5.404372 | .4974297 | .2446867 |
| #2 | .5161919 | 10.26556 | .4702454 | 5.467427 | .4955703 | .2445595 |
| #3 | .5189570 | 10.34528 | .4653265 | 5.373450 | .4965383 | .2449334 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 10.28948 | .4599615 | .9961496 | 10.21207 | F 2.121679 | 2.537144 |
| Stddev | .08953   | .0014943 | .0022210 | .09392   | .013049    | .005776  |
| %RSD   | .8701484 | .3248653 | .2229582 | .9196814 | .6150274   | .2276504 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.25471 | .4592230 | .9944492 | 10.25095 | 2.128385 | 2.538298 |
| #2 | 10.22256 | .4616812 | .9953371 | 10.10496 | 2.130011 | 2.530878 |
| #3 | 10.39119 | .4589803 | .9986624 | 10.28031 | 2.106640 | 2.542255 |

Sample Name: ICV01      Acquired: 4/10/2025 10:09:48      Type: Unk  
Method: NON EPA-6010-200.7(v2912)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | 2.418315 | 2.349501 | 2.287021 | F -.002095 | F -.005767 | F -.000208 |
| Stddev | .000735  | .005332  | .017971  | .003038    | .002073    | .000056    |
| %RSD   | .0304061 | .2269561 | .7857740 | 145.0239   | 35.93502   | 27.19662   |
| #1     | 2.419164 | 2.355211 | 2.279374 | -.001950   | -.003433   | -.000211   |
| #2     | 2.417894 | 2.348643 | 2.274138 | -.005203   | -.007390   | -.000150   |
| #3     | 2.417888 | 2.344650 | 2.307550 | .000868    | -.006479   | -.000262   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0008624 |
| Stddev | .0000528   |
| %RSD   | 6.117569   |
| #1     | .0009140   |
| #2     | .0008646   |
| #3     | .0008086   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3254.728 | 79353.65 | 15998.69 | 2186.308 | 5193.165 |
| Stddev    | 8.246    | 222.84   | 160.01   | 7.643    | 4.112    |
| %RSD      | .2533626 | .2808236 | 1.000123 | .3495909 | .0791746 |
| #1        | 3260.597 | 79498.30 | 15964.55 | 2193.934 | 5197.011 |
| #2        | 3258.287 | 79097.02 | 15858.51 | 2178.648 | 5193.651 |
| #3        | 3245.300 | 79465.62 | 16173.01 | 2186.341 | 5188.831 |



Sample Name: LLICV01      Acquired: 4/10/2025 10:25:11      Type: Unk  
Method: NON EPA-6010-200.7(v2913)      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    | .0184904 | .0389366 | .0099446 | .0188900 | .0516260 | .0930976 |
| Stddev | .0018667 | .0022305 | .0012299 | .0013546 | .0010309 | .0003456 |
| %RSD   | 10.09572 | 5.728501 | 12.36771 | 7.171141 | 1.996940 | .3711755 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0205714 | .0368845 | .0089252 | .0173818 | .0513406 | .0928311 |
| #2 | .0169632 | .0386149 | .0113107 | .0192851 | .0507679 | .0929737 |
| #3 | .0179366 | .0413105 | .0095980 | .0200032 | .0527696 | .0934881 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0854958 | .0053911 | .0056180 | 1.876705 | .0095638 | .0280865 |
| Stddev | .0016366 | .0000491 | .0000652 | .014039  | .0004715 | .0002164 |
| %RSD   | 1.914272 | .9104253 | 1.160720 | .7480741 | 4.930397 | .7705543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0848134 | .0053746 | .0055648 | 1.861987 | .0094683 | .0280915 |
| #2 | .0843108 | .0054463 | .0056907 | 1.889949 | .0091474 | .0278676 |
| #3 | .0873632 | .0053524 | .0055984 | 1.878180 | .0100758 | .0283004 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0219428 | .0898547 | .0208059 | 1.985816 | .0377380 | .0104529 |
| Stddev | .0003157 | .0005536 | .0000626 | .007397  | .0000856 | .0003819 |
| %RSD   | 1.438850 | .6161360 | .3010770 | .3725131 | .2267603 | 3.653711 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0221156 | .0899071 | .0208070 | 1.981845 | .0377782 | .0103793 |
| #2 | .0221345 | .0903802 | .0208681 | 1.981252 | .0376398 | .0108662 |
| #3 | .0215784 | .0892767 | .0207428 | 1.994351 | .0377961 | .0101131 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.768319 | .0370776 | .0396118 | 1.811848 | .0902454 | .2015061 |
| Stddev | .024139  | .0007088 | .0004690 | .044708  | .0005258 | .0003166 |
| %RSD   | 1.365073 | 1.911671 | 1.183963 | 2.467521 | .5826223 | .1571242 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.744066 | .0362871 | .0400803 | 1.770086 | .0908035 | .2016965 |
| #2 | 1.768548 | .0372891 | .0396126 | 1.806447 | .0901734 | .2016811 |
| #3 | 1.792342 | .0376565 | .0391423 | 1.859010 | .0897594 | .2011406 |

Sample Name: LLICV01      Acquired: 4/10/2025 10:25:11      Type: Unk  
Method: NON EPA-6010-200.7(v2913)      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    | .0369692 | .0375301 | .3737665 | F .0152760 | F .0145998 | F .0129575 |
| Stddev | .0004871 | .0002293 | .0065892 | .0022322   | .0024314   | .0004412   |
| %RSD   | 1.317691 | .6109222 | 1.762916 | 14.61222   | 16.65381   | 3.405270   |
| #1     | .0374071 | .0376695 | .3722608 | .0166196   | .0135341   | .0134604   |
| #2     | .0364445 | .0372654 | .3680604 | .0165092   | .0128832   | .0126351   |
| #3     | .0370560 | .0376553 | .3809782 | .0126994   | .0173821   | .0127771   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0184151 |
| Stddev | .0001730 |
| %RSD   | .9394631 |
| #1     | .0182181 |
| #2     | .0185425 |
| #3     | .0184846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3341.821 | 80677.71 | 15235.45 | 2223.767 | 5441.305 |
| Stddev    | 5.153    | 142.40   | 58.04    | 15.141   | 11.769   |
| %RSD      | .1542116 | .1765009 | .3809822 | .6808686 | .2162946 |
| #1        | 3342.452 | 80606.75 | 15205.99 | 2211.242 | 5446.248 |
| #2        | 3346.630 | 80584.74 | 15198.04 | 2219.465 | 5449.796 |
| #3        | 3336.382 | 80841.65 | 15302.32 | 2240.593 | 5427.870 |

Sample Name: ICB01      Acquired: 4/10/2025 10:29:06      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0023444 | -.002181 | .0003285 | -.002833 | -.001488 | .0020287 | -.006584 |
| Stddev | .0025720 | .000847  | .0021986 | .002555  | .001271  | .0050944 | .000261  |
| %RSD   | 109.7099 | 38.81805 | 669.3556 | 90.17971 | 85.39921 | 251.1106 | 3.960678 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0027242 | -.001208 | -.000236 | -.004638 | -.001613 | .0007673 | -.006885 |
| #2 | .0047054 | -.002747 | .002754  | .000090  | -.002692 | -.002316 | -.006444 |
| #3 | -.000396 | -.002587 | -.001533 | -.003951 | -.000159 | .007635  | -.006423 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000483 | -.000128 | -.021864 | -.000323 | -.000148 | -.000645 | -.008063 |
| Stddev | .0000048 | .000048  | .007371  | .000205  | .000090  | .000109  | .002020  |
| %RSD   | 9.865557 | 37.28306 | 33.71412 | 63.51083 | 60.87803 | 16.95377 | 25.04997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000451 | -.000146 | -.016837 | -.000135 | -.000222 | -.000769 | -.010156 |
| #2 | .0000537 | -.000074 | -.018429 | -.000292 | -.000048 | -.000601 | -.007907 |
| #3 | .0000460 | -.000165 | -.030325 | -.000542 | -.000175 | -.000564 | -.006126 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003694 | -.013686 | -.000330 | .0004633 | -.326535 | -.001030 | -.001953 |
| Stddev | .000244  | .006571  | .000082  | .0001728 | .005051  | .001075  | .000173  |
| %RSD   | 6.602614 | 48.01200 | 24.85797 | 37.30144 | 1.546996 | 104.3680 | 8.883562 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003604 | -.016421 | -.000424 | .0004346 | -.331004 | -.001368 | -.002147 |
| #2 | -.003971 | -.006189 | -.000272 | .0006487 | -.327546 | -.001895 | -.001812 |
| #3 | -.003509 | -.018447 | -.000294 | .0003067 | -.321054 | .000173  | -.001900 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.223564 | -.004040 | -.000380 | -.000426 | .0007967 | .0016612 | -.002484 |
| Stddev | .043363  | .000307  | .000110  | .000774  | .0004520 | .0025322 | .003047  |
| %RSD   | 19.39616 | 7.606741 | 29.05025 | 181.7721 | 56.72639 | 152.4306 | 122.6601 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.248909 | -.003835 | -.000347 | -.001122 | .0003605 | .0000217 | -.000937 |
| #2 | -.248289 | -.004393 | -.000503 | .000407  | .0007668 | .0003843 | -.000521 |
| #3 | -.173494 | -.003891 | -.000289 | -.000562 | .0012629 | .0045777 | -.005994 |

Sample Name: ICB01      Acquired: 4/10/2025 10:29:06      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | -.002952 | -.004167 | -.000314 |
| Stddev | .003332  | .000866  | .000022  |
| %RSD   | 112.8679 | 20.78030 | 6.945146 |
| #1     | -.006329 | -.004065 | -.000291 |
| #2     | .000332  | -.005079 | -.000334 |
| #3     | -.002859 | -.003356 | -.000318 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3296.002 | 80208.50 | 15838.19 | 2186.623 | 5469.003 |
| Stddev    | 18.596   | 138.32   | 50.28    | 14.089   | 22.266   |
| %RSD      | .5641905 | .1724551 | .3174460 | .6443425 | .4071342 |
| #1        | 3315.381 | 80140.87 | 15809.03 | 2178.428 | 5484.271 |
| #2        | 3294.322 | 80117.01 | 15896.25 | 2178.549 | 5479.285 |
| #3        | 3278.304 | 80367.63 | 15809.30 | 2202.891 | 5443.454 |

Sample Name: CRI01      Acquired: 4/10/2025 10:33:26      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0189466 | .0382808 | .0116484 | .0181171 | .0510466 | .0979640 |
| Stddev | .0012453 | .0013718 | .0015709 | .0015899 | .0006922 | .0055266 |
| %RSD   | 6.572870 | 3.583541 | 13.48594 | 8.775510 | 1.355974 | 5.641432 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0192125 | .0383837 | .0134326 | .0196765 | .0504673 | .1007109 |
| #2 | .0200375 | .0368604 | .0110392 | .0181763 | .0518131 | .0916022 |
| #3 | .0175898 | .0395982 | .0104733 | .0164984 | .0508593 | .1015789 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0853933 | .0054804 | .0055074 | 1.875683 | .0094248 | .0281712 |
| Stddev | .0007861 | .0000653 | .0000546 | .002097  | .0001431 | .0001478 |
| %RSD   | .9206149 | 1.191393 | .9913209 | .1118186 | 1.518797 | .5247736 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0845158 | .0054816 | .0054453 | 1.873370 | .0094043 | .0280005 |
| #2 | .0856311 | .0055451 | .0055478 | 1.877461 | .0092930 | .0282570 |
| #3 | .0860331 | .0054146 | .0055291 | 1.876217 | .0095771 | .0282561 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0218742 | .1020287 | .0150455 | 1.980487 | .0380316 | .0104005 |
| Stddev | .0002102 | .0033826 | .0000834 | .017401  | .0002306 | .0003714 |
| %RSD   | .9610499 | 3.315365 | .5542660 | .8786386 | .6063956 | 3.570456 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0220995 | .1052382 | .0150261 | 1.962763 | .0380432 | .0108115 |
| #2 | .0216833 | .0984962 | .0151369 | 1.997547 | .0377953 | .0100891 |
| #3 | .0218397 | .1023518 | .0149735 | 1.981150 | .0382562 | .0103010 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.482868 | .0362631 | .0396212 | 1.962017 | .0796568 | .2049427 |
| Stddev | .015113  | .0014121 | .0005707 | .021102  | .0005979 | .0007756 |
| %RSD   | 1.019193 | 3.894146 | 1.440428 | 1.075537 | .7506350 | .3784517 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.479261 | .0364412 | .0399403 | 1.951328 | .0795600 | .2047144 |
| #2 | 1.499459 | .0347703 | .0389624 | 1.948399 | .0791132 | .2043069 |
| #3 | 1.469885 | .0375777 | .0399611 | 1.986325 | .0802973 | .2058068 |

Sample Name: CRI01      Acquired: 4/10/2025 10:33:26      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0369423 | .0380093 | .4123105 | .0162972 | F .0135227 | F .0138047 |
| Stddev | .0003063 | .0002488 | .0018227 | .0010687 | .0036051   | .0012583   |
| %RSD   | .8290509 | .6544525 | .4420768 | 6.557779 | 26.65989   | 9.115079   |
| #1     | .0368005 | .0381951 | .4144097 | .0159990 | .0161046   | .0144690   |
| #2     | .0367327 | .0381061 | .4113931 | .0154093 | .0094038   | .0145916   |
| #3     | .0372938 | .0377267 | .4111287 | .0174834 | .0150597   | .0123535   |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0184445 |
| Stddev | .0000651 |
| %RSD   | .3527684 |
| #1     | .0185112 |
| #2     | .0183812 |
| #3     | .0184411 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3263.294 | 78963.48 | 16458.23 | 2128.477 | 5386.525 |
| Stddev    | 3.359    | 171.12   | 51.72    | 16.968   | 11.417   |
| %RSD      | .1029279 | .2167090 | .3142392 | .7971677 | .2119640 |
| #1        | 3266.536 | 78954.04 | 16439.12 | 2112.387 | 5399.421 |
| #2        | 3263.517 | 79139.12 | 16516.79 | 2146.203 | 5382.448 |
| #3        | 3259.830 | 78797.27 | 16418.79 | 2126.840 | 5377.706 |

Sample Name: ICSA01      Acquired: 4/10/2025 10:37:43      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0051604 | .0097886 | .0073188 | -.008186 | -.001857 | 243.1321 |
| Stddev | .0048095 | .0030885 | .0042699 | .002643  | .000945  | 2.0946   |
| %RSD   | 93.20013 | 31.55184 | 58.34157 | 32.28995 | 50.88828 | .8615072 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0081538 | .0063931 | .0116600 | -.005459 | -.001162 | 245.1201 |
| #2 | .0077147 | .0124306 | .0071722 | -.010736 | -.001475 | 243.3310 |
| #3 | -.000387 | .0105420 | .0031240 | -.008362 | -.002933 | 240.9451 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003920 | .0011355 | -.003529 | 226.5924 | .0557962 | .0015817 |
| Stddev | .000218  | .0000282 | .000414  | .5925    | .0003210 | .0001625 |
| %RSD   | 5.557988 | 2.479728 | 11.72802 | .2614981 | .5753338 | 10.27173 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004120 | .0011157 | -.003940 | 227.1600 | .0557783 | .0015336 |
| #2 | -.003688 | .0011678 | -.003534 | 225.9777 | .0554845 | .0014486 |
| #3 | -.003952 | .0011232 | -.003112 | 226.6397 | .0561258 | .0017627 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004964 | 106.7488 | .0007817 | 243.2609 | .0024624 | .0037469 |
| Stddev | .000942  | .3011    | .0003742 | 1.0562   | .0003191 | .0003460 |
| %RSD   | 18.98011 | .2820594 | 47.87273 | .4341708 | 12.95803 | 9.235376 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.005891 | 106.4041 | .0008696 | 244.1504 | .0028118 | .0035328 |
| #2 | -.004007 | 106.9603 | .0003714 | 242.0936 | .0021864 | .0035618 |
| #3 | -.004993 | 106.8820 | .0011041 | 243.5385 | .0023891 | .0041462 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.202208 | .0022820 | .0027389 | -.132272 | F .1588668 | .0001123 |
| Stddev | .013887  | .0002332 | .0008002 | .008877  | .0004550   | .0007655 |
| %RSD   | 6.867657 | 10.21699 | 29.21474 | 6.711504 | .2863690   | 681.8243 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.200474 | .0020670 | .0032287 | -.123907 | .1583670 | .0001417 |
| #2 | -.216880 | .0025298 | .0018155 | -.141586 | .1592569 | -.000668 |
| #3 | -.189269 | .0022490 | .0031725 | -.131324 | .1589764 | .000863  |

Sample Name: ICSA01      Acquired: 4/10/2025 10:37:43      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | -.006603 | -.000995 | .0210512 | .0031543 | -.019185 | .0028872 |
| Stddev | .001610  | .000503  | .0062562 | .0025035 | .006570  | .0002470 |
| %RSD   | 24.38886 | 50.52344 | 29.71887 | 79.36629 | 34.24564 | 8.556177 |
| #1     | -.005177 | -.001084 | .0263995 | .0003642 | -.026771 | .0030722 |
| #2     | -.006282 | -.000454 | .0141715 | .0038945 | -.015480 | .0026067 |
| #3     | -.008350 | -.001447 | .0225826 | .0052043 | -.015304 | .0029827 |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0942149 |
| Stddev | .0003424   |
| %RSD   | .3633902   |
| #1     | .0940448   |
| #2     | .0946090   |
| #3     | .0939908   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2936.492 | 69840.12 | 15452.96 | 1890.480 | 4370.437 |
| Stddev    | 60.017   | 123.55   | 82.08    | 5.745    | 100.351  |
| %RSD      | 2.043819 | .1769027 | .5311497 | .3039011 | 2.296129 |
| #1        | 3003.878 | 69733.92 | 15368.36 | 1888.281 | 4484.020 |
| #2        | 2916.811 | 69975.72 | 15532.26 | 1886.160 | 4333.502 |
| #3        | 2888.787 | 69810.73 | 15458.26 | 1897.000 | 4293.787 |



Sample Name: ICSAB01      Acquired: 4/10/2025 10:42:08      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .1106279 | .1031214 | .0572577 | .0367083 | .6238266 | 236.4193 |
| Stddev | .0033645 | .0006792 | .0012085 | .0042399 | .0037551 | .3529    |
| %RSD   | 3.041248 | .6586312 | 2.110581 | 11.55018 | .6019419 | .1492762 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1125869 | .1023904 | .0563584 | .0406746 | .6196550 | 236.7753 |
| #2 | .1067430 | .1037329 | .0567833 | .0322396 | .6248883 | 236.4131 |
| #3 | .1125538 | .1032410 | .0586314 | .0372107 | .6269366 | 236.0695 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4585892 | .5250418 | .9806628 | 218.5021 | .5526211 | .4982671 |
| Stddev | .0016646 | .0024306 | .0035584 | .3997    | .0001667 | .0021862 |
| %RSD   | .3629897 | .4629250 | .3628613 | .1829224 | .0301711 | .4387559 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4605097 | .5231564 | .9797441 | 218.1700 | .5524412 | .4966958 |
| #2 | .4576968 | .5241840 | .9776537 | 218.3906 | .5526517 | .4973418 |
| #3 | .4575610 | .5277849 | .9845905 | 218.9457 | .5527705 | .5007638 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4999114 | 93.58896 | .4542800 | 236.8297 | .9945172 | .1863518 |
| Stddev | .0037635 | .24616   | .0004319 | .6055    | .0044254 | .0002822 |
| %RSD   | .7528386 | .2630263 | .0950816 | .2556737 | .4449838 | .1514097 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4992693 | 93.82835 | .4547136 | 236.2093 | .9933999 | .1866765 |
| #2 | .4965102 | 93.60200 | .4538498 | 236.8604 | .9907575 | .1862126 |
| #3 | .5039546 | 93.33654 | .4542767 | 237.4192 | .9993942 | .1861664 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.267477 | .4598223 | 1.057743 | -.182971 | 1.112347 | 1.114809 |
| Stddev | .008541  | .0008684 | .001567  | .013275  | .002648  | .005917  |
| %RSD   | 3.193094 | .1888495 | .1481360 | 7.255406 | .2380252 | .5307857 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.270782 | .4606504 | 1.057447 | -.188932 | 1.110014 | 1.112558 |
| #2 | -.273871 | .4598979 | 1.056346 | -.192221 | 1.111801 | 1.110348 |
| #3 | -.257778 | .4589186 | 1.059438 | -.167760 | 1.115225 | 1.121522 |

Sample Name: ICSAB01      Acquired: 4/10/2025 10:42:08      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |            |            |
|--------|----------|----------|----------|------------|------------|------------|
| Elem   | Sn1899   | Ti3361   | Si2881   | P_1774     | S_1820     | Li6707     |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm        | ppm        |
| Avg    | 1.086012 | 1.016554 | 1.019846 | F .0015509 | F -.018050 | F -.001974 |
| Stddev | .006011  | .002782  | .013991  | .0037946   | .007071    | .000624    |
| %RSD   | .5534742 | .2736699 | 1.371900 | 244.6678   | 39.17640   | 31.60719   |
| #1     | 1.084111 | 1.017752 | 1.026354 | .0054609   | -.014180   | -.001283   |
| #2     | 1.081181 | 1.013374 | 1.029399 | -.002117   | -.026212   | -.002144   |
| #3     | 1.092743 | 1.018536 | 1.003787 | .001308    | -.013758   | -.002496   |

|        |            |
|--------|------------|
| Elem   | Sr4077     |
| Units  | ppm        |
| Avg    | F .0888286 |
| Stddev | .0004788   |
| %RSD   | .5389862   |
| #1     | .0893021   |
| #2     | .0883447   |
| #3     | .0888390   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2905.696 | 70768.28 | 13928.77 | 1922.314 | 4323.602 |
| Stddev    | 13.014   | 157.13   | 51.86    | 3.692    | 15.488   |
| %RSD      | .4478938 | .2220341 | .3723176 | .1920740 | .3582168 |
| #1        | 2909.187 | 70738.20 | 13976.50 | 1922.440 | 4326.614 |
| #2        | 2916.608 | 70628.37 | 13936.23 | 1918.560 | 4337.363 |
| #3        | 2891.291 | 70938.27 | 13873.59 | 1925.942 | 4306.830 |

Sample Name: ICSADLX20      Acquired: 4/10/2025 10:46:11      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0006107 | -.000139 | -.000194 | -.001039 | -.001510 | 11.88961 | -.006586 |
| Stddev | .0009340 | .001283  | .001780  | .001189  | .001324  | .02664   | .000788  |
| %RSD   | 152.9405 | 922.5020 | 917.9732 | 114.4662 | 87.68466 | .2240256 | 11.96525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009901 | -.000719 | .001845  | -.000859 | -.000480 | 11.90992 | -.006080 |
| #2 | .0012952 | -.001029 | -.001436 | -.002307 | -.003004 | 11.85946 | -.006185 |
| #3 | -.000453 | .001331  | -.000990 | .000050  | -.001047 | 11.89947 | -.007494 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002394 | -.000110 | 11.71483 | .0024757 | -.000075 | -.000170 | 5.259396 |
| Stddev | .0000455 | .000061  | .01032   | .0004737 | .000205  | .000424  | .025790  |
| %RSD   | 19.01101 | 55.94321 | .0881194 | 19.13587 | 272.4976 | 249.3706 | .4903627 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002258 | -.000175 | 11.70614 | .0019438 | -.000219 | -.000083 | 5.277133 |
| #2 | .0002022 | -.000053 | 11.71213 | .0028523 | .000159  | -.000632 | 5.271244 |
| #3 | .0002901 | -.000102 | 11.72624 | .0026310 | -.000165 | .000204  | 5.229811 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003386 | 11.99382 | .0000240 | .0004759 | -.339124 | -.000730 | .0005979 |
| Stddev | .000121  | .03136   | .0000473 | .0002113 | .004013  | .000652  | .0002590 |
| %RSD   | 3.570624 | .2614956 | 197.1601 | 44.40344 | 1.183492 | 89.32762 | 43.31254 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003482 | 11.97403 | .0000742 | .0005497 | -.339715 | -.001394 | .0007569 |
| #2 | -.003426 | 11.97744 | -.000020 | .0002376 | -.342809 | -.000706 | .0007378 |
| #3 | -.003250 | 12.02998 | .000018  | .0006404 | -.334848 | -.000090 | .0002991 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.273749 | .0028563 | -.000271 | -.002077 | .0013248 | .0024108 | -.002532 |
| Stddev | .011003  | .0002491 | .000116  | .001498  | .0009634 | .0031487 | .002087  |
| %RSD   | 4.019519 | 8.720389 | 42.58373 | 72.12051 | 72.71993 | 130.6048 | 82.44499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.283401 | .0031334 | -.000274 | -.002214 | .0005869 | .0044376 | -.000506 |
| #2 | -.261767 | .0026510 | -.000386 | -.000515 | .0009727 | -.001217 | -.002414 |
| #3 | -.276080 | .0027844 | -.000155 | -.003502 | .0024146 | .004012  | -.004675 |

Sample Name: ICSADLX20      Acquired: 4/10/2025 10:46:11      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | -.000618 | -.003709 | .0044836 |
| Stddev | .000828  | .000920  | .0000263 |
| %RSD   | 133.9351 | 24.80961 | .5865943 |
| #1     | -.001292 | -.004274 | .0044655 |
| #2     | .000306  | -.002647 | .0045137 |
| #3     | -.000867 | -.004206 | .0044715 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3283.329 | 78937.39 | 15870.86 | 2170.141 | 5274.652 |
| Stddev    | 14.409   | 59.61    | 41.61    | 10.778   | 16.838   |
| %RSD      | .4388481 | .0755126 | .2621623 | .4966669 | .3192290 |
| #1        | 3270.827 | 78936.46 | 15893.06 | 2174.120 | 5261.906 |
| #2        | 3299.087 | 78878.25 | 15896.67 | 2157.939 | 5293.740 |
| #3        | 3280.074 | 78997.45 | 15822.86 | 2178.364 | 5268.310 |

Sample Name: ICSABDLX20      Acquired: 4/10/2025 10:50:27      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | .0073627 | .0054447 | .0016475 | .0020310 | .0311532 | 12.39209 | .0169009 |
| Stddev | .0011275 | .0010687 | .0007796 | .0024236 | .0003421 | .02343   | .0009703 |
| %RSD   | 15.31331 | 19.62737 | 47.31893 | 119.3295 | 1.098237 | .1890485 | 5.741181 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0084930 | .0058847 | .0017074 | .0000760 | .0314796 | 12.40921 | .0180153 |
| #2 | .0062381 | .0062231 | .0023953 | .0012744 | .0307972 | 12.36539 | .0162433 |
| #3 | .0073570 | .0042263 | .0008396 | .0047426 | .0311829 | 12.40167 | .0164441 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0270645 | .0495966 | 12.00582 | .0292194 | .0247923 | .0266348 | 5.127469 |
| Stddev | .0001796 | .0000440 | .04591   | .0001890 | .0003102 | .0000617 | .013065  |
| %RSD   | .6636875 | .0886820 | .3824292 | .6466728 | 1.251130 | .2316931 | .2548114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0272702 | .0495722 | 12.05294 | .0290014 | .0250789 | .0267048 | 5.131696 |
| #2 | .0269849 | .0495702 | 12.00330 | .0293196 | .0244630 | .0265881 | 5.112813 |
| #3 | .0269384 | .0496473 | 11.96122 | .0293371 | .0248349 | .0266116 | 5.137898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209624 | 12.51188 | .0506467 | .0096761 | -.343405 | .0231508 | .0527589 |
| Stddev | .0003401 | .05518   | .0000839 | .0002510 | .004391  | .0008334 | .0002027 |
| %RSD   | 1.622411 | .4410496 | .1657181 | 2.594337 | 1.278701 | 3.599707 | .3842284 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0210453 | 12.53454 | .0505502 | .0099591 | -.348037 | .0241072 | .0529764 |
| #2 | .0212535 | 12.55212 | .0506866 | .0094804 | -.342878 | .0225805 | .0525753 |
| #3 | .0205886 | 12.44897 | .0507031 | .0095887 | -.339302 | .0227647 | .0527250 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.245583 | .0016277 | -.000370 | -.001783 | .0010208 | -.000687 | -.005399 |
| Stddev | .036345  | .0004639 | .000141  | .001426  | .0005559 | .000706  | .001405  |
| %RSD   | 14.79968 | 28.49978 | 38.10911 | 79.94503 | 54.46265 | 102.8252 | 26.02992 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.272595 | .0020898 | -.000531 | -.000251 | .0016625 | -.000411 | -.005557 |
| #2 | -.204260 | .0016313 | -.000311 | -.003070 | .0007137 | -.000160 | -.003921 |
| #3 | -.259893 | .0011621 | -.000268 | -.002028 | .0006861 | -.001489 | -.006718 |

Sample Name: ICSABDLX20      Acquired: 4/10/2025 10:50:27      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      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    | -.004524 | -.004337 | .0045216 |
| Stddev | .001521  | .000505  | .0000269 |
| %RSD   | 33.61768 | 11.64412 | .5950598 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005855 | -.004751 | .0044924 |
| #2 | -.004850 | -.003774 | .0045454 |
| #3 | -.002866 | -.004485 | .0045271 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3239.664 | 77746.00 | 14828.66 | 2109.140 | 5244.752 |
| Stddev    | 13.567   | 90.23    | 82.45    | 9.280    | 17.581   |
| %RSD      | .4187810 | .1160623 | .5560498 | .4399819 | .3352092 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3251.465 | 77773.37 | 14752.61 | 2098.954 | 5262.675 |
| #2 | 3242.686 | 77819.39 | 14817.09 | 2111.354 | 5244.049 |
| #3 | 3224.841 | 77645.26 | 14916.29 | 2117.113 | 5227.534 |

Sample Name: CCV01      Acquired: 4/10/2025 11:00:25      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.751163 | 4.772034 | 5.241634 | 4.818364 | 4.908135 | 9.817712 |
| Stddev | .007927  | .023456  | .007161  | .013583  | .013582  | .023555  |
| %RSD   | .1668425 | .4915220 | .1366103 | .2819067 | .2767266 | .2399266 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.748025 | 4.793485 | 5.247229 | 4.824940 | 4.923565 | 9.828358 |
| #2 | 4.745285 | 4.746989 | 5.244110 | 4.802744 | 4.897987 | 9.834066 |
| #3 | 4.760178 | 4.775629 | 5.233564 | 4.827408 | 4.902854 | 9.790714 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.767630 | .2463695 | 2.337069 | 24.00899 | 1.011728 | 2.447029 |
| Stddev | .092703  | .0001875 | .006522  | .04104   | .002227  | .005818  |
| %RSD   | .9490850 | .0760992 | .2790561 | .1709473 | .2201275 | .2377459 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.693801 | .2463754 | 2.342082 | 24.00439 | 1.013042 | 2.451565 |
| #2 | 9.737419 | .2461792 | 2.339428 | 23.97045 | 1.009156 | 2.449053 |
| #3 | 9.871669 | .2465540 | 2.329696 | 24.05214 | 1.012985 | 2.440470 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.256964 | 5.246861 | 2.349064 | 23.96112 | 2.463510 | 1.252708 |
| Stddev | .001567  | .014872  | .002774  | .03291   | .006191  | .001401  |
| %RSD   | .1246484 | .2834389 | .1180706 | .1373286 | .2512944 | .1118401 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.257218 | 5.241970 | 2.349595 | 23.99332 | 2.470425 | 1.253655 |
| #2 | 1.255286 | 5.235051 | 2.346063 | 23.92755 | 2.461620 | 1.251098 |
| #3 | 1.258388 | 5.263562 | 2.351534 | 23.96250 | 2.458484 | 1.253369 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 22.51396 | 2.424411 | 2.539191 | 26.91043 | F 4.423424 | 4.911612 |
| Stddev | .04120   | .003563  | .005315  | .04689   | .008942    | .003238  |
| %RSD   | .1829908 | .1469524 | .2093365 | .1742431 | .2021556   | .0659226 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 22.55187 | 2.427895 | 2.544868 | 26.94152 | 4.421972 | 4.913648 |
| #2 | 22.47012 | 2.420774 | 2.534332 | 26.85650 | 4.433004 | 4.907879 |
| #3 | 22.51988 | 2.424563 | 2.538373 | 26.93328 | 4.415297 | 4.913310 |

Sample Name: CCV01      Acquired: 4/10/2025 11:00:25      Type: Unk  
Method: NON EPA-6010-200.7(v2914)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV01      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.742207 | 4.658566 | F 6.246868 | 4.752096 | 4.594503 | 4.650618 |
| Stddev | .012055  | .012323  | .023096    | .011031  | .009841  | .015965  |
| %RSD   | .2542119 | .2645232 | .3697152   | .2321373 | .2141870 | .3432834 |
| #1     | 4.754541 | 4.671269 | 6.237626   | 4.764558 | 4.605011 | 4.666934 |
| #2     | 4.741628 | 4.657767 | 6.229824   | 4.743583 | 4.585504 | 4.649890 |
| #3     | 4.730451 | 4.646662 | 6.273153   | 4.748146 | 4.592994 | 4.635030 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.745931 |
| Stddev | .014517  |
| %RSD   | .3058777 |
| #1     | 4.758639 |
| #2     | 4.749043 |
| #3     | 4.730110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3172.056 | 75441.92 | 14942.34 | 2046.879 | 4909.976 |
| Stddev    | 7.385    | 236.04   | 14.09    | 8.031    | 17.176   |
| %RSD      | .2328249 | .3128732 | .0942870 | .3923375 | .3498246 |
| #1        | 3164.110 | 75383.18 | 14932.15 | 2042.548 | 4890.418 |
| #2        | 3178.711 | 75701.78 | 14958.42 | 2056.145 | 4916.902 |
| #3        | 3173.346 | 75240.79 | 14936.46 | 2041.943 | 4922.608 |



Sample Name: CCB01      Acquired: 4/10/2025 11:21:50      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.000467 | -.001965 | -.001453 | -.001590 | -.000767 | -.004886 | -.008209 |
| Stddev | .000805  | .001245  | .000631  | .001365  | .000602  | .003765  | .000610  |
| %RSD   | 172.4165 | 63.37676 | 43.42232 | 85.82756 | 78.51621 | 77.06048 | 7.435105 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000387 | -.003123 | -.001650 | -.001164 | -.001162 | -.009155 | -.007562 |
| #2 | -.001309 | -.000648 | -.001961 | -.003117 | -.001065 | -.003464 | -.008290 |
| #3 | .000295  | -.002123 | -.000747 | -.000489 | -.000074 | -.002039 | -.008774 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000543 | -.000134 | -.015540 | -.000130 | -.000154 | -.000552 | -.010169 |
| Stddev | .0000258 | .000028  | .011325  | .000190  | .000027  | .000131  | .002355  |
| %RSD   | 47.41987 | 21.07603 | 72.87398 | 146.1526 | 17.55740 | 23.80804 | 23.15723 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000812 | -.000108 | -.007418 | -.000310 | -.000126 | -.000412 | -.010701 |
| #2 | .0000520 | -.000164 | -.028476 | -.000147 | -.000154 | -.000672 | -.007594 |
| #3 | .0000298 | -.000131 | -.010726 | .000068  | -.000180 | -.000572 | -.012213 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004018 | -.007370 | -.000489 | .0005663 | -.331604 | -.001593 | -.002192 |
| Stddev | .000222  | .003612  | .000271  | .0001883 | .002660  | .000566  | .000125  |
| %RSD   | 5.537588 | 49.00717 | 55.38918 | 33.24597 | .8020803 | 35.53515 | 5.713358 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004111 | -.008177 | -.000780 | .0004283 | -.334360 | -.002186 | -.002066 |
| #2 | -.003764 | -.003423 | -.000442 | .0004899 | -.331401 | -.001059 | -.002317 |
| #3 | -.004178 | -.010510 | -.000244 | .0007808 | -.329052 | -.001534 | -.002193 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.250047 | -.003103 | -.000352 | -.001260 | .0011668 | -.001123 | -.000996 |
| Stddev | .017391  | .000353  | .000219  | .000549  | .0001959 | .002658  | .001532  |
| %RSD   | 6.955092 | 11.37809 | 62.29934 | 43.57467 | 16.78658 | 236.6467 | 153.8435 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.248146 | -.002830 | -.000363 | -.001673 | .0011019 | .001333  | -.002101 |
| #2 | -.233684 | -.002978 | -.000127 | -.000637 | .0013870 | -.003946 | -.001640 |
| #3 | -.268310 | -.003502 | -.000565 | -.001470 | .0010117 | -.000757 | .000753  |

Sample Name: CCB01      Acquired: 4/10/2025 11:21:50      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.004314 | -.004869 | -.000360 |
| Stddev | .002401  | .000821  | .000009  |
| %RSD   | 55.65688 | 16.86788 | 2.535756 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005980 | -.004554 | -.000355 |
| #2 | -.001562 | -.005801 | -.000371 |
| #3 | -.005400 | -.004252 | -.000356 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3322.171 | 80811.57 | 15372.33 | 2187.221 | 5538.030 |
| Stddev    | 7.878    | 139.98   | 29.73    | 12.978   | 21.157   |
| %RSD      | .2371306 | .1732142 | .1933814 | .5933369 | .3820327 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3325.437 | 80716.47 | 15345.52 | 2184.896 | 5552.778 |
| #2 | 3327.890 | 80972.30 | 15404.30 | 2201.204 | 5547.523 |
| #3 | 3313.185 | 80745.93 | 15367.17 | 2175.563 | 5513.790 |

Sample Name: PB167483BL      Acquired: 4/10/2025 11:26:11      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.000093 | -.001873 | -.001399 | -.001962 | -.000591 | -.003628 | -.006901 |
| Stddev | .000265  | .000762  | .001439  | .000986  | .001541  | .003039  | .000894  |
| %RSD   | 286.5166 | 40.67823 | 102.9055 | 50.26068 | 260.4812 | 83.77583 | 12.95630 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000154  | -.001070 | -.002074 | -.000901 | .001043  | -.001938 | -.007933 |
| #2 | -.000059 | -.001963 | -.002376 | -.002850 | -.002017 | -.001810 | -.006411 |
| #3 | -.000373 | -.002587 | .000254  | -.002136 | -.000800 | -.007137 | -.006358 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000307 | -.000092 | -.017919 | -.000137 | -.000246 | .0001460 | -.004367 |
| Stddev | .0000384 | .000066  | .007572  | .000223  | .000081  | .0000513 | .003513  |
| %RSD   | 125.0910 | 71.84017 | 42.26024 | 163.0565 | 32.97934 | 35.13759 | 80.43556 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000425 | -.000085 | -.025560 | .000112  | -.000327 | .0000869 | -.005764 |
| #2 | -.000012 | -.000030 | -.017779 | -.000203 | -.000249 | .0001716 | -.006966 |
| #3 | .000062  | -.000162 | -.010417 | -.000320 | -.000164 | .0001795 | -.000371 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003518 | -.010547 | -.000407 | .0001416 | -.335397 | -.001523 | -.001758 |
| Stddev | .000096  | .006604  | .000082  | .0001453 | .018775  | .001973  | .000268  |
| %RSD   | 2.718510 | 62.61354 | 20.09452 | 102.5703 | 5.597778 | 129.5365 | 15.23331 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003427 | -.003795 | -.000499 | .0001624 | -.349458 | -.001485 | -.002066 |
| #2 | -.003617 | -.016992 | -.000343 | .0002754 | -.342657 | .000430  | -.001576 |
| #3 | -.003510 | -.010855 | -.000380 | -.000013 | -.314076 | -.003514 | -.001633 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.270748 | -.004019 | -.000412 | -.001240 | .0007276 | .0019410 | -.001644 |
| Stddev | .011987  | .000280  | .000080  | .000325  | .0005319 | .0083132 | .001708  |
| %RSD   | 4.427501 | 6.972692 | 19.32645 | 26.22709 | 73.10601 | 428.2906 | 103.8930 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.257109 | -.004211 | -.000404 | -.001595 | .0005749 | -.006929 | .000327  |
| #2 | -.279611 | -.004148 | -.000495 | -.000958 | .0002887 | .003198  | -.002568 |
| #3 | -.275524 | -.003697 | -.000336 | -.001166 | .0013191 | .009554  | -.002691 |

Sample Name: PB167483BL      Acquired: 4/10/2025 11:26:11      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.004979 | -.005493 | -.000362 |
| Stddev | .001646  | .000658  | .000035  |
| %RSD   | 33.05569 | 11.98151 | 9.720780 |
| #1     | -.003096 | -.006131 | -.000334 |
| #2     | -.005696 | -.004816 | -.000350 |
| #3     | -.006145 | -.005531 | -.000402 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3324.066 | 79259.33 | 15617.20 | 2169.533 | 5540.865 |
| Stddev    | 12.598   | 173.96   | 68.78    | 6.543    | 13.385   |
| %RSD      | .3790075 | .2194829 | .4404303 | .3015785 | .2415705 |
| #1        | 3334.517 | 79456.24 | 15581.66 | 2176.308 | 5551.905 |
| #2        | 3327.605 | 79195.25 | 15573.47 | 2169.039 | 5544.713 |
| #3        | 3310.077 | 79126.50 | 15696.49 | 2163.251 | 5525.978 |

Sample Name: PB167483BS      Acquired: 4/10/2025 11:30:30      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .7630763 | 1.925439 | .9072437 | 1.962402 | .7960454 | 1.830571 |
| Stddev | .0058421 | .018151  | .0007563 | .012419  | .0059523 | .029993  |
| %RSD   | .7655981 | .9427066 | .0833576 | .6328299 | .7477285 | 1.638453 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7597388 | 1.908570 | .9068929 | 1.952561 | .7905227 | 1.864255 |
| #2 | .7596679 | 1.944646 | .9081117 | 1.958289 | .7952635 | 1.820699 |
| #3 | .7698220 | 1.923102 | .9067266 | 1.976355 | .8023500 | 1.806758 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1691284 | .1865247 | .1819346 | .9040928 | .3857396 | .1837087 |
| Stddev | .0021816 | .0026585 | .0000822 | .0149973 | .0009511 | .0000773 |
| %RSD   | 1.289879 | 1.425289 | .0451900 | 1.658818 | .2465740 | .0420662 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1712839 | .1895797 | .1819751 | .9212566 | .3867874 | .1837691 |
| #2 | .1691794 | .1852578 | .1819888 | .8935183 | .3855008 | .1836216 |
| #3 | .1669217 | .1847366 | .1818400 | .8975034 | .3849307 | .1837353 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3006019 | 2.968453 | .1834906 | 1.770230 | .4695466 | .0716884 |
| Stddev | .0014033 | .016980  | .0023880 | .028314  | .0007047 | .0001799 |
| %RSD   | .4668310 | .5719995 | 1.301416 | 1.599444 | .1500694 | .2510026 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2991703 | 2.949085 | .1862302 | 1.802733 | .4687376 | .0717661 |
| #2 | .3006602 | 2.980777 | .1823919 | 1.750917 | .4698755 | .0714826 |
| #3 | .3019751 | 2.975496 | .1818497 | 1.757041 | .4700267 | .0718164 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.722283 | .2707977 | .1947905 | 9.628228 | .2475330 | .3902303 |
| Stddev | .012123  | .0024750 | .0006304 | .023749  | .0037072 | .0014835 |
| %RSD   | .4453381 | .9139758 | .3236460 | .2466619 | 1.497673 | .3801486 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.726948 | .2736263 | .1942992 | 9.602122 | .2518020 | .3888442 |
| #2 | 2.731381 | .2690301 | .1945710 | 9.648551 | .2451243 | .3900519 |
| #3 | 2.708520 | .2697366 | .1955014 | 9.634012 | .2456727 | .3917949 |

Sample Name: PB167483BS      Acquired: 4/10/2025 11:30:30      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .6411569 | .1804015 | .8145317 | 5.434024 | F -.014016 | .1837233 |
| Stddev | .0008907 | .0019096 | .0034072 | .017705  | .002573    | .0021047 |
| %RSD   | .1389227 | 1.058539 | .4183043 | .3258094 | 18.36051   | 1.145556 |
| #1     | .6402011 | .1826062 | .8148883 | 5.454466 | -.011995   | .1861188 |
| #2     | .6413057 | .1792643 | .8109602 | 5.423579 | -.016913   | .1828799 |
| #3     | .6419638 | .1793340 | .8177466 | 5.424027 | -.013140   | .1821711 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1827041 |
| Stddev | .0021335 |
| %RSD   | 1.167751 |
| #1     | .1851424 |
| #2     | .1817897 |
| #3     | .1811802 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3176.630 | 77875.77 | 15397.77 | 2097.993 | 5179.297 |
| Stddev    | 10.611   | 95.84    | 211.91   | 4.364    | 10.848   |
| %RSD      | .3340322 | .1230629 | 1.376216 | .2079926 | .2094586 |
| #1        | 3179.117 | 77783.34 | 15153.56 | 2102.125 | 5170.315 |
| #2        | 3185.776 | 77869.30 | 15506.66 | 2093.430 | 5191.350 |
| #3        | 3164.996 | 77974.68 | 15533.09 | 2098.424 | 5176.226 |

Sample Name: PB167497BL      Acquired: 4/10/2025 11:34:32      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .0004105 | -.002175 | -.001531 | -.002498 | -.001134 | -.004825 | -.009186 |
| Stddev | .0009871 | .001151  | .001282  | .001977  | .001908  | .001883  | .000121  |
| %RSD   | 240.4417 | 52.91938 | 83.75882 | 79.14262 | 168.1999 | 39.02692 | 1.311936 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0008200 | -.002695 | -.001826 | -.004770 | -.000010 | -.006702 | -.009269 |
| #2 | .0011269 | -.002975 | -.002640 | -.001167 | -.003338 | -.002936 | -.009241 |
| #3 | -.000715 | -.000856 | -.000127 | -.001557 | -.000056 | -.004838 | -.009047 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000744 | -.000133 | -.016580 | -.000262 | -.000418 | -.000063 | -.007860 |
| Stddev | .0000717 | .000033  | .005591  | .000427  | .000075  | .000294  | .003812  |
| %RSD   | 96.41895 | 24.99737 | 33.72252 | 162.8753 | 17.85548 | 468.9326 | 48.49733 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000060 | -.000170 | -.010277 | -.000199 | -.000374 | .000107  | -.004079 |
| #2 | .0001490 | -.000105 | -.018522 | -.000717 | -.000375 | -.000402 | -.007799 |
| #3 | .0000681 | -.000124 | -.020941 | .000130  | -.000504 | .000107  | -.011701 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003717 | .0005133 | -.000349 | .0007252 | -.337274 | -.001788 | -.002145 |
| Stddev | .000055  | .0087697 | .000278  | .0000958 | .020340  | .000769  | .000296  |
| %RSD   | 1.489299 | 1708.496 | 79.55748 | 13.20811 | 6.030783 | 42.99073 | 13.79705 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003735 | -.003018 | -.000044 | .0007244 | -.359254 | -.000905 | -.002418 |
| #2 | -.003655 | -.005941 | -.000586 | .0008214 | -.333452 | -.002149 | -.001831 |
| #3 | -.003761 | .010498  | -.000417 | .0006299 | -.319115 | -.002310 | -.002188 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.268225 | -.005537 | -.000420 | -.001293 | .0011093 | .0000215 | -.002900 |
| Stddev | .028806  | .000463  | .000267  | .000484  | .0004024 | .0015914 | .001245  |
| %RSD   | 10.73961 | 8.354651 | 63.47459 | 37.40556 | 36.27726 | 7413.259 | 42.94398 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.301426 | -.005886 | -.000450 | -.000739 | .0015677 | -.001575 | -.001481 |
| #2 | -.249863 | -.005012 | -.000140 | -.001505 | .0009462 | .000031  | -.003406 |
| #3 | -.253387 | -.005714 | -.000670 | -.001634 | .0008140 | .001608  | -.003813 |

Sample Name: PB167497BL      Acquired: 4/10/2025 11:34:32      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.004423 | -.004737 | -.000358 |
| Stddev | .001547  | .000300  | .000056  |
| %RSD   | 34.98056 | 6.329930 | 15.61035 |
| #1     | -.004691 | -.004888 | -.000338 |
| #2     | -.005819 | -.004931 | -.000316 |
| #3     | -.002759 | -.004391 | -.000422 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3237.365 | 79651.17 | 16444.51 | 2133.228 | 5440.845 |
| Stddev    | 5.751    | 2545.63  | 119.54   | 60.388   | 4.857    |
| %RSD      | .1776503 | 3.195969 | .7269140 | 2.830833 | .0892609 |
| #1        | 3243.833 | 82579.02 | 16349.56 | 2202.697 | 5438.951 |
| #2        | 3235.434 | 78413.09 | 16405.23 | 2093.277 | 5437.222 |
| #3        | 3232.827 | 77961.41 | 16578.75 | 2103.709 | 5446.364 |



Sample Name: PB167497BS      Acquired: 4/10/2025 11:38:51      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .7715250 | 1.943734 | .9190867 | 1.990186 | .8038979 | 1.838379 |
| Stddev | .0026160 | .010580  | .0018564 | .013101  | .0021617 | .005685  |
| %RSD   | .3390699 | .5443146 | .2019819 | .6582857 | .2689065 | .3092182 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7727607 | 1.931692 | .9212020 | 1.986940 | .8014041 | 1.844798 |
| #2 | .7685200 | 1.951538 | .9177285 | 1.979013 | .8050504 | 1.836358 |
| #3 | .7732942 | 1.947972 | .9183297 | 2.004605 | .8052390 | 1.833981 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1673807 | .1950672 | .1847232 | .9060386 | .3829456 | .1867503 |
| Stddev | .0008401 | .0004186 | .0004334 | .0070046 | .0013237 | .0004237 |
| %RSD   | .5019296 | .2145673 | .2346468 | .7731057 | .3456536 | .2268849 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1675746 | .1953179 | .1849652 | .9139539 | .3842946 | .1863051 |
| #2 | .1664606 | .1952997 | .1842228 | .9035217 | .3828935 | .1867974 |
| #3 | .1681069 | .1945840 | .1849816 | .9006402 | .3816488 | .1871486 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3045778 | 2.775839 | .1773149 | 1.772450 | .4748527 | .0709678 |
| Stddev | .0016381 | .016871  | .0005603 | .008905  | .0008273 | .0000494 |
| %RSD   | .5378280 | .6077957 | .3159966 | .5023915 | .1742277 | .0696623 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3038276 | 2.794599 | .1779606 | 1.762288 | .4742613 | .0710234 |
| #2 | .3034492 | 2.771008 | .1770269 | 1.778890 | .4744988 | .0709508 |
| #3 | .3064567 | 2.761910 | .1769572 | 1.776172 | .4757982 | .0709290 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.526457 | .2721009 | .1939048 | 9.034127 | .2615344 | .3957228 |
| Stddev | .007827  | .0012722 | .0009034 | .035483  | .0011004 | .0014429 |
| %RSD   | .3097861 | .4675420 | .4659259 | .3927716 | .4207403 | .3646187 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.526287 | .2711192 | .1941098 | 9.065579 | .2617811 | .3947711 |
| #2 | 2.518716 | .2735381 | .1929165 | 8.995660 | .2624905 | .3950143 |
| #3 | 2.534366 | .2716454 | .1946882 | 9.041144 | .2603316 | .3973829 |

Sample Name: PB167497BS      Acquired: 4/10/2025 11:38:51      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .6518475 | .1807321 | .7672256 | 5.462897 | F -.013838 | .1809877 |
| Stddev | .0014646 | .0010201 | .0043115 | .031250  | .000488    | .0008345 |
| %RSD   | .2246855 | .5644449 | .5619555 | .5720321 | 3.527154   | .4610864 |
| #1     | .6502891 | .1810056 | .7648477 | 5.437226 | -.013797   | .1818044 |
| #2     | .6520579 | .1796031 | .7722025 | 5.453772 | -.014345   | .1801364 |
| #3     | .6531956 | .1815876 | .7646268 | 5.497693 | -.013372   | .1810224 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1814793 |
| Stddev | .0007189 |
| %RSD   | .3961576 |
| #1     | .1823059 |
| #2     | .1809996 |
| #3     | .1811324 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3203.336 | 81081.93 | 14840.03 | 2159.103 | 5203.674 |
| Stddev    | 5.886    | 216.82   | 32.61    | 1.602    | 7.263    |
| %RSD      | .1837542 | .2674098 | .2197227 | .0742125 | .1395808 |
| #1        | 3209.043 | 80860.58 | 14815.70 | 2157.911 | 5211.913 |
| #2        | 3203.679 | 81091.31 | 14827.32 | 2160.924 | 5200.914 |
| #3        | 3197.286 | 81293.91 | 14877.08 | 2158.472 | 5198.195 |

Sample Name: Q1715-01      Acquired: 4/10/2025 11:42:54      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.001976   | -.008457 | -.001115 | .0032455 | -.003264 | 16.36833 |
| Stddev | .000819    | .002625  | .001767  | .0022608 | .002524  | .03162   |
| %RSD   | 41.47183   | 31.03896 | 158.4603 | 69.66020 | 77.33556 | .1931544 |
| #1     | -.002280   | -.008610 | .000654  | .0058173 | -.004538 | 16.38023 |
| #2     | -.002599   | -.011002 | -.002880 | .0023484 | -.004896 | 16.33249 |
| #3     | -.001048   | -.005759 | -.001118 | .0015710 | -.000357 | 16.39228 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009288   | -.000018 | -.000216 | 10.17977 | .9291275 | .0103214 |
| Stddev | .000506    | .000047  | .000081  | .02611   | .0018785 | .0000956 |
| %RSD   | 5.448336   | 261.6489 | 37.42648 | .2564666 | .2021781 | .9263510 |
| #1     | -.009842   | -.000051 | -.000229 | 10.16401 | .9312317 | .0104318 |
| #2     | -.008850   | -.000038 | -.000129 | 10.16540 | .9276193 | .0102660 |
| #3     | -.009173   | .000035  | -.000289 | 10.20991 | .9285315 | .0102663 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0209526   | .5265676 | .0121156 | 2.200563 | .0365630 | .0004319 |
| Stddev | .0002027   | .0045618 | .0001929 | .004913  | .0003203 | .0004061 |
| %RSD   | .9675122   | .8663314 | 1.591784 | .2232477 | .8758869 | 94.03052 |
| #1     | .0208956   | .5216361 | .0123181 | 2.205897 | .0369324 | -.000032 |
| #2     | .0207844   | .5306367 | .0119341 | 2.199568 | .0363648 | .000721  |
| #3     | .0211777   | .5274300 | .0120947 | 2.196224 | .0363917 | .000608  |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1861.883 | -.001273 | 1.223496 | 190.7616 | 5.662378 | .0398473 |
| Stddev | 7.445      | .000317  | .004304  | .5569    | .021544  | .0002022 |
| %RSD   | .3998701   | 24.88869 | .3517631 | .2919173 | .3804703 | .5074051 |
| #1     | 1870.291   | -.001006 | 1.227265 | 191.3364 | 5.648254 | .0398272 |
| #2     | 1859.228   | -.001189 | 1.224417 | 190.7239 | 5.651705 | .0396560 |
| #3     | 1856.128   | -.001623 | 1.218806 | 190.2246 | 5.687174 | .0400588 |

Sample Name: Q1715-01      Acquired: 4/10/2025 11:42:54      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .0375681 | .0004317 | .7628360 | 5.223920 | F 836.4594 | -.000467 |
| Stddev | .0006005 | .0004245 | .0081592 | .034792  | 2.0127     | .000730  |
| %RSD   | 1.598400 | 98.31900 | 1.069589 | .6660149 | .2406167   | 156.5414 |
| #1     | .0369700 | .0004502 | .7601136 | 5.200218 | 835.9797   | -.000620 |
| #2     | .0381710 | .0008466 | .7720083 | 5.207679 | 834.7299   | .000328  |
| #3     | .0375634 | -.000002 | .7563860 | 5.263863 | 838.6686   | -.001108 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0460039 |
| Stddev | .0000294 |
| %RSD   | .0638568 |
| #1     | .0459707 |
| #2     | .0460266 |
| #3     | .0460145 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2710.282 | 65392.65 | 13967.05 | 1766.142 | 3919.106 |
| Stddev    | 13.007   | 226.38   | 78.73    | 4.523    | 18.135   |
| %RSD      | .4798960 | .3461876 | .5636874 | .2560721 | .4627232 |
| #1        | 2711.440 | 65226.32 | 13981.60 | 1762.616 | 3923.135 |
| #2        | 2722.671 | 65650.45 | 14037.48 | 1771.241 | 3934.888 |
| #3        | 2696.735 | 65301.17 | 13882.05 | 1764.568 | 3899.296 |

Sample Name: Q1745-01      Acquired: 4/10/2025 11:47:15      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .0621837 | .0052527 | 3.869204 | -.018206 | .0762525 | 71.63698 | 1.969675 |
| Stddev | .0018359 | .0032587 | .014376  | .003846  | .0005526 | .26856   | .010323  |
| %RSD   | 2.952410 | 62.03928 | .3715615 | 21.12297 | .7246887 | .3748951 | .5241073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0631988 | .0016198 | 3.871063 | -.013818 | .0756437 | 71.32867 | 1.958003 |
| #2 | .0600644 | .0062202 | 3.882561 | -.019810 | .0767223 | 71.82004 | 1.973413 |
| #3 | .0632879 | .0079182 | 3.853989 | -.020990 | .0763915 | 71.76224 | 1.977607 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065838 | .0016238 | 48.53476 | .3031900 | .0818225 | 7.077507 | 179.5087 |
| Stddev | .0000121 | .0002438 | .17948   | .0010580 | .0005476 | .021389  | .9706    |
| %RSD   | .1830372 | 15.01492 | .3697878 | .3489709 | .6693020 | .3022132 | .5407113 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0065837 | .0018891 | 48.33258 | .3020499 | .0824522 | 7.083701 | 178.6394 |
| #2 | .0065719 | .0015729 | 48.59645 | .3033796 | .0815573 | 7.095116 | 179.3307 |
| #3 | .0065960 | .0014095 | 48.67526 | .3041404 | .0814579 | 7.053705 | 180.5560 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.844063 | 28.80764 | .3688022 | .0143762 | 6.121834 | .2031928 | 8.908127 |
| Stddev | .003522  | .03347   | .0008354 | .0001891 | .033884  | .0013595 | .020692  |
| %RSD   | .1909835 | .1161923 | .2265143 | 1.315167 | .5534983 | .6690672 | .2322848 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.840055 | 28.76938 | .3695887 | .0141762 | 6.085471 | .2016246 | 8.892293 |
| #2 | 1.846662 | 28.83149 | .3688925 | .0145521 | 6.127509 | .2040388 | 8.900548 |
| #3 | 1.845471 | 28.82206 | .3679253 | .0144003 | 6.152523 | .2039150 | 8.931540 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.924213 | .3395212 | .0034264 | 3.819395 | 2.252329 | 9.209509 | 4.869236 |
| Stddev | .077293  | .0014112 | .0004753 | .017064  | .007367  | .030499  | .020385  |
| %RSD   | .7788328 | .4156489 | 13.87107 | .4467665 | .3271013 | .3311693 | .4186503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.844656 | .3387241 | .0028778 | 3.827215 | 2.243831 | 9.174430 | 4.873574 |
| #2 | 9.928958 | .3386888 | .0036887 | 3.831146 | 2.256918 | 9.224341 | 4.887103 |
| #3 | 9.999024 | .3411506 | .0037127 | 3.799822 | 2.256238 | 9.229755 | 4.847031 |

Sample Name: Q1745-01      Acquired: 4/10/2025 11:47:15      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.477923 | .2178928 | .2915500 |
| Stddev | .036692  | .0018117 | .0016034 |
| %RSD   | .4327995 | .8314521 | .5499473 |
| #1     | 8.510088 | .2158561 | .2897652 |
| #2     | 8.485724 | .2184977 | .2920163 |
| #3     | 8.437958 | .2193247 | .2928685 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3497.941 | 85239.44 | 17000.16 | 2268.545 | 4879.426 |
| Stddev    | 8.313    | 112.57   | 39.67    | 4.738    | 13.907   |
| %RSD      | .2376672 | .1320671 | .2333585 | .2088522 | .2850100 |
| #1        | 3496.488 | 85363.44 | 16983.16 | 2270.847 | 4869.790 |
| #2        | 3490.450 | 85211.22 | 16971.82 | 2271.692 | 4873.119 |
| #3        | 3506.885 | 85143.66 | 17045.49 | 2263.096 | 4895.369 |

Sample Name: Q1745-09      Acquired: 4/10/2025 11:51:18      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .5383387 | .0113974 | 10.36788 | -.011292 | -.000137 | 84.13329 |
| Stddev | .0042067 | .0018848 | .01881   | .003059  | .001899  | .46851   |
| %RSD   | .7814301 | 16.53714 | .1813890 | 27.08593 | 1382.621 | .5568632 |
| #1     | .5414394 | .0126834 | 10.38950 | -.014243 | -.000697 | 83.95050 |
| #2     | .5335502 | .0092338 | 10.35532 | -.008136 | -.001693 | 83.78373 |
| #3     | .5400266 | .0122749 | 10.35881 | -.011496 | .001979  | 84.66564 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.766048 | .0080410 | .0018883 | 146.1714 | .2424032 | .0912317 |
| Stddev | .063025  | .0001170 | .0001546 | 1.0034   | .0009954 | .0002973 |
| %RSD   | 1.093037 | 1.454785 | 8.185764 | .6864649 | .4106337 | .3258381 |
| #1     | 5.773907 | .0080004 | .0017389 | 145.7628 | .2428947 | .0908884 |
| #2     | 5.699462 | .0079497 | .0020476 | 145.4367 | .2430573 | .0914068 |
| #3     | 5.824775 | .0081729 | .0018784 | 147.3146 | .2412577 | .0913998 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.241632 | 276.5256 | 2.880695 | 15.32766 | .3896574 | .0452604 |
| Stddev | .002388  | .9993    | .016887  | .09528   | .0013374 | .0003538 |
| %RSD   | .0736762 | .3613891 | .5862129 | .6216485 | .3432350 | .7817298 |
| #1     | 3.242434 | 277.1669 | 2.875984 | 15.29966 | .3907459 | .0455322 |
| #2     | 3.243516 | 277.0358 | 2.866663 | 15.24951 | .3881644 | .0453887 |
| #3     | 3.238946 | 275.3742 | 2.899437 | 15.43381 | .3900618 | .0448604 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.83741 | .3155223 | 4.359728 | 18.59240 | .4935762 | .0371060 |
| Stddev | .08472   | .0010540 | .019759  | .10458   | .0033444 | .0002899 |
| %RSD   | .5031356 | .3340476 | .4532056 | .5624842 | .6775843 | .7813456 |
| #1     | 16.87531 | .3153947 | 4.361220 | 18.65093 | .4965987 | .0368389 |
| #2     | 16.89656 | .3145379 | 4.378699 | 18.65461 | .4941468 | .0374143 |
| #3     | 16.74036 | .3166343 | 4.339266 | 18.47166 | .4899833 | .0370648 |

Sample Name: Q1745-09      Acquired: 4/10/2025 11:51:18      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | 1.943054 | 1.435652 | 5.548383 | F 11.47938 | F 17.39359 | .3738001 |
| Stddev | .007662  | .007769  | .029424  | .03094     | .03881     | .0011864 |
| %RSD   | .3943100 | .5411491 | .5303191 | .2695626   | .2231453   | .3173942 |
| #1     | 1.949337 | 1.428547 | 5.577773 | 11.51395   | 17.43660   | .3739304 |
| #2     | 1.934518 | 1.434460 | 5.548453 | 11.45425   | 17.36118   | .3725539 |
| #3     | 1.945305 | 1.443948 | 5.518924 | 11.46995   | 17.38298   | .3749160 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9731438 |
| Stddev | .0148253 |
| %RSD   | 1.523448 |
| #1     | .9591113 |
| #2     | .9886517 |
| #3     | .9716684 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3219.484 | 79986.35 | 16826.85 | 2094.279 | 4528.274 |
| Stddev    | 6.329    | 451.35   | 100.08   | 13.754   | 5.902    |
| %RSD      | .1965754 | .5642896 | .5947639 | .6567406 | .1303421 |
| #1        | 3223.072 | 79975.41 | 16900.56 | 2097.530 | 4529.205 |
| #2        | 3212.177 | 79540.56 | 16867.08 | 2079.191 | 4521.961 |
| #3        | 3223.204 | 80443.07 | 16712.92 | 2106.116 | 4533.655 |



Sample Name: Q1748-01      Acquired: 4/10/2025 11:55:38      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .1337580 | .0153978 | 8.110684 | -.006910 | .0007800 | 82.51350 |
| Stddev | .0026948 | .0010311 | .020474  | .001673  | .0010228 | .28015   |
| %RSD   | 2.014674 | 6.696485 | .2524299 | 24.20292 | 131.1271 | .3395175 |
| #1     | .1332039 | .0145125 | 8.118593 | -.008714 | .0015712 | 82.21606 |
| #2     | .1366867 | .0151510 | 8.087435 | -.005411 | -.000375 | 82.77236 |
| #3     | .1313833 | .0165299 | 8.126024 | -.006606 | .001144  | 82.55208 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.838236 | .0073602 | -.000763 | 214.3819 | .1993808 | .1022104 |
| Stddev | .011096  | .0000657 | .000496  | .6067    | .0002781 | .0003998 |
| %RSD   | .3909539 | .8927223 | 65.02608 | .2829792 | .1394647 | .3911260 |
| #1     | 2.826659 | .0073363 | -.000242 | 213.8737 | .1990605 | .1024700 |
| #2     | 2.848779 | .0073098 | -.001230 | 215.0535 | .1995226 | .1017501 |
| #3     | 2.839270 | .0074345 | -.000816 | 214.2184 | .1995594 | .1024113 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.472130 | 285.2394 | 2.734795 | 33.48808 | .4171479 | .0216041 |
| Stddev | .008326  | 1.6991   | .014820  | .14734   | .0004454 | .0000587 |
| %RSD   | .1521499 | .5956812 | .5418941 | .4399779 | .1067705 | .2718374 |
| #1     | 5.476499 | 283.5947 | 2.720190 | 33.39873 | .4173762 | .0216719 |
| #2     | 5.462529 | 286.9882 | 2.749821 | 33.65814 | .4166347 | .0215706 |
| #3     | 5.477361 | 285.1354 | 2.734374 | 33.40736 | .4174329 | .0215699 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 24.70942 | .3226802 | 4.490134 | 13.39560 | .4560888 | .0205097 |
| Stddev | .13365   | .0012693 | .022446  | .10146   | .0043441 | .0000826 |
| %RSD   | .5408998 | .3933639 | .4999046 | .7574204 | .9524715 | .4029517 |
| #1     | 24.56713 | .3229711 | 4.505617 | 13.28095 | .4516356 | .0204379 |
| #2     | 24.83232 | .3237788 | 4.500395 | 13.47382 | .4603150 | .0206000 |
| #3     | 24.72880 | .3212907 | 4.464391 | 13.43202 | .4563157 | .0204911 |

Sample Name: Q1748-01      Acquired: 4/10/2025 11:55:38      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | 1.492437 | 1.984416 | 4.907175 | F 13.87163 | F 14.90210 | .2503499 |
| Stddev | .009386  | .003500  | .024367  | .07351     | .04034     | .0013713 |
| %RSD   | .6289197 | .1763598 | .4965681 | .5299075   | .2706960   | .5477504 |
| #1     | 1.498026 | 1.981694 | 4.895532 | 13.94639   | 14.87796   | .2489411 |
| #2     | 1.481601 | 1.988364 | 4.935180 | 13.79944   | 14.87967   | .2516803 |
| #3     | 1.497685 | 1.983190 | 4.890813 | 13.86906   | 14.94867   | .2504285 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.108628 |
| Stddev | .014108  |
| %RSD   | 1.272558 |
| #1     | 1.124417 |
| #2     | 1.097261 |
| #3     | 1.104205 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3229.056 | 79311.55 | 16461.70 | 2068.597 | 4544.679 |
| Stddev    | 1.828    | 127.69   | 34.42    | 4.273    | 4.013    |
| %RSD      | .0566082 | .1609997 | .2090878 | .2065862 | .0882983 |
| #1        | 3226.959 | 79383.87 | 16433.59 | 2069.008 | 4542.346 |
| #2        | 3230.313 | 79164.12 | 16451.43 | 2064.132 | 4549.313 |
| #3        | 3229.896 | 79386.68 | 16500.09 | 2072.649 | 4542.379 |

Sample Name: Q1748-05      Acquired: 4/10/2025 11:59:50      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .0412148 | .0146007 | 1.392178 | -.030233 | -.006601 | 128.3542 |
| Stddev | .0014395 | .0011480 | .001455  | .001842  | .002644  | .1147    |
| %RSD   | 3.492574 | 7.862302 | .1045412 | 6.092149 | 40.05662 | .0893689 |
| #1     | .0417747 | .0138654 | 1.392782 | -.031308 | -.009636 | 128.4090 |
| #2     | .0395795 | .0140133 | 1.390518 | -.028107 | -.004791 | 128.4313 |
| #3     | .0422902 | .0159235 | 1.393234 | -.031285 | -.005377 | 128.2224 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.417618 | .0112488 | -.000780 | 39.03395 | .2769398 | .1775605 |
| Stddev | .002624  | .0000950 | .000174  | .04658   | .0022470 | .0004448 |
| %RSD   | .1851091 | .8444886 | 22.29084 | .1193298 | .8113650 | .2504845 |
| #1     | 1.415041 | .0112743 | -.000762 | 39.08499 | .2783582 | .1780251 |
| #2     | 1.420287 | .0111436 | -.000616 | 38.99375 | .2743491 | .1771386 |
| #3     | 1.417526 | .0113284 | -.000963 | 39.02310 | .2781122 | .1775178 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6572381 | 354.9531 | 8.694815 | 54.56552 | .3370640 | .0239940 |
| Stddev | .0008417 | 1.1448   | .010035  | .13404   | .0003581 | .0002323 |
| %RSD   | .1280679 | .3225185 | .1154152 | .2456491 | .1062332 | .9679666 |
| #1     | .6580611 | 355.5494 | 8.698114 | 54.69691 | .3366505 | .0238234 |
| #2     | .6572745 | 353.6333 | 8.683545 | 54.42898 | .3372702 | .0239001 |
| #3     | .6563788 | 355.6767 | 8.702785 | 54.57067 | .3372712 | .0242585 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.084785 | .3340663 | .9572255 | 21.97316 | .5862531 | .0011401 |
| Stddev | .021936  | .0012291 | .0015187 | .00885   | .0019942 | .0002380 |
| %RSD   | .2414626 | .3679141 | .1586535 | .0402633 | .3401547 | 20.87662 |
| #1     | 9.108422 | .3351455 | .9559500 | 21.97216 | .5878204 | .0012543 |
| #2     | 9.065082 | .3327285 | .9568211 | 21.96485 | .5840085 | .0008665 |
| #3     | 9.080850 | .3343249 | .9589055 | 21.98246 | .5869304 | .0012994 |

Sample Name: Q1748-05      Acquired: 4/10/2025 11:59:50      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .4844298 | 3.266745 | 7.712326 | 7.161487 | F 17.37934 | .3972862 |
| Stddev | .0023013 | .004363  | .012575  | .009666  | .02933     | .0004873 |
| %RSD   | .4750454 | .1335550 | .1630550 | .1349708 | .1687892   | .1226531 |
| #1     | .4817752 | 3.270044 | 7.717758 | 7.161594 | 17.41303   | .3975801 |
| #2     | .4856533 | 3.268391 | 7.697947 | 7.171100 | 17.35950   | .3975548 |
| #3     | .4858608 | 3.261798 | 7.721272 | 7.151769 | 17.36547   | .3967237 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2130206 |
| Stddev | .0001817 |
| %RSD   | .0852772 |
| #1     | .2131192 |
| #2     | .2131317 |
| #3     | .2128110 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3756.197 | 91926.21 | 19940.48 | 2438.418 | 4614.887 |
| Stddev    | 5.220    | 403.94   | 41.71    | 9.476    | 7.056    |
| %RSD      | .1389608 | .4394227 | .2091867 | .3886108 | .1529041 |
| #1        | 3750.235 | 91566.51 | 19900.84 | 2436.288 | 4608.798 |
| #2        | 3758.416 | 92363.23 | 19984.00 | 2430.189 | 4622.620 |
| #3        | 3759.942 | 91848.89 | 19936.59 | 2448.778 | 4613.244 |

Sample Name: Q1749-01      Acquired: 4/10/2025 12:03:53      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | .0263095 | -.002132 | 2.551917 | -.011869 | .0193977 | 35.80367 | .2327218 |
| Stddev | .0035903 | .001205  | .007527  | .002543  | .0011972 | .09979   | .0003863 |
| %RSD   | 13.64634 | 56.53365 | .2949591 | 21.42917 | 6.171885 | .2787205 | .1660103 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0301201 | -.003247 | 2.551344 | -.014076 | .0183091 | 35.75458 | .2323119 |
| #2 | .0258181 | -.000853 | 2.544693 | -.009088 | .0192042 | 35.73793 | .2330792 |
| #3 | .0229902 | -.002295 | 2.559715 | -.012442 | .0206799 | 35.91850 | .2327744 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0044544 | -.001895 | 5.389428 | .1105721 | .0399298 | .4461174 | 80.02505 |
| Stddev | .0000153 | .000074  | .007969  | .0002625 | .0003328 | .0010337 | .19662   |
| %RSD   | .3429942 | 3.921047 | .1478707 | .2374084 | .8335478 | .2317013 | .2456956 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0044371 | -.001942 | 5.386353 | .1105512 | .0400127 | .4473069 | 80.05942 |
| #2 | .0044602 | -.001933 | 5.398476 | .1108445 | .0395634 | .4456075 | 80.20222 |
| #3 | .0044660 | -.001809 | 5.383453 | .1103207 | .0402134 | .4454377 | 79.81352 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3470551 | 2.676767 | .0781860 | .0034198 | 1.550109 | .1871101 | .8672368 |
| Stddev | .0011583 | .009946  | .0004096 | .0002109 | .004256  | .0016068 | .0045488 |
| %RSD   | .3337507 | .3715563 | .5238490 | 6.165837 | .2745331 | .8587522 | .5245149 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3460942 | 2.670906 | .0777242 | .0036082 | 1.553110 | .1887573 | .8628774 |
| #2 | .3467298 | 2.688251 | .0783284 | .0034592 | 1.551979 | .1855470 | .8668791 |
| #3 | .3483412 | 2.671144 | .0785054 | .0031920 | 1.545239 | .1870259 | .8719539 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.515107 | .1192863 | .0077841 | .0623217 | .6549549 | 3.672151 | 1.194476 |
| Stddev | .024358  | .0004685 | .0001622 | .0006084 | .0025855 | .010536  | .004407  |
| %RSD   | 1.607701 | .3927310 | 2.084094 | .9763091 | .3947538 | .2869252 | .3689346 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.505630 | .1196245 | .0078735 | .0629500 | .6542647 | 3.671911 | 1.193477 |
| #2 | 1.496910 | .1194828 | .0078820 | .0617352 | .6578154 | 3.682805 | 1.190654 |
| #3 | 1.542779 | .1187516 | .0075969 | .0622800 | .6527846 | 3.661736 | 1.199296 |

Sample Name: Q1749-01      Acquired: 4/10/2025 12:03:53      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | 1.007419 | .0380890 | .0408115 |
| Stddev | .004346  | .0003134 | .0001224 |
| %RSD   | .4314318 | .8227223 | .2998070 |
| #1     | 1.010931 | .0379470 | .0408753 |
| #2     | 1.008768 | .0384482 | .0406704 |
| #3     | 1.002558 | .0378717 | .0408887 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3396.554 | 83900.54 | 15641.65 | 2257.668 | 5162.635 |
| Stddev    | 6.020    | 315.78   | 91.71    | 9.766    | 2.406    |
| %RSD      | .1772315 | .3763751 | .5863058 | .4325644 | .0465964 |
| #1        | 3393.401 | 84206.19 | 15747.50 | 2263.820 | 5164.063 |
| #2        | 3392.765 | 83575.52 | 15591.32 | 2246.408 | 5159.857 |
| #3        | 3403.495 | 83919.92 | 15586.13 | 2262.778 | 5163.984 |

Sample Name: CCV02      Acquired: 4/10/2025 12:08:04      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.802838 | 4.856003 | 4.715725 | 4.864793 | 4.969272   | 9.830462 |
| Stddev | .032649  | .032992  | .011303  | .031089  | .032725    | .025840  |
| %RSD   | .6797838 | .6794148 | .2396891 | .6390657 | .6585442   | .2628606 |
| #1     | 4.770673 | 4.819382 | 4.704966 | 4.832143 | 4.935885   | 9.844570 |
| #2     | 4.801892 | 4.865221 | 4.714708 | 4.868194 | 4.970640   | 9.800639 |
| #3     | 4.835950 | 4.883406 | 4.727503 | 4.894042 | 5.001291   | 9.846178 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.675149 | .2492668 | 2.354865 | 24.00969 | 1.021131   | 2.467166 |
| Stddev | .121843  | .0014188 | .004534  | .10816   | .004184    | .003867  |
| %RSD   | 1.259335 | .5692041 | .1925175 | .4504649 | .4096958   | .1567372 |
| #1     | 9.534625 | .2487899 | 2.349691 | 24.00712 | 1.021737   | 2.462863 |
| #2     | 9.739464 | .2481478 | 2.356768 | 23.90285 | 1.024979   | 2.468284 |
| #3     | 9.751358 | .2508626 | 2.358138 | 24.11911 | 1.016678   | 2.470351 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.274572 | 5.226019 | 2.344493 | 24.11762 | 2.479125   | 1.260692 |
| Stddev | .003724  | .029528  | .007568  | .14533   | .007270    | .001004  |
| %RSD   | .2921654 | .5650112 | .3228177 | .6025807 | .2932337   | .0796408 |
| #1     | 1.271021 | 5.257124 | 2.348683 | 24.11060 | 2.471259   | 1.261595 |
| #2     | 1.274247 | 5.222559 | 2.335757 | 23.97593 | 2.480520   | 1.260870 |
| #3     | 1.278448 | 5.198374 | 2.349041 | 24.26633 | 2.485596   | 1.259611 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 27.09167 | 2.432752 | 2.534778 | 26.80812 | F 4.453158 | 4.963059 |
| Stddev | .23644   | .013378  | .006893  | .24021   | .029796    | .020281  |
| %RSD   | .8727578 | .5499305 | .2719438 | .8960525 | .6691066   | .4086431 |
| #1     | 27.26305 | 2.433253 | 2.537694 | 26.99506 | 4.443995   | 4.943006 |
| #2     | 27.19005 | 2.419130 | 2.539733 | 26.89211 | 4.429019   | 4.962609 |
| #3     | 26.82192 | 2.445873 | 2.526906 | 26.53719 | 4.486460   | 4.983561 |

Sample Name: CCV02      Acquired: 4/10/2025 12:08:04      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.797318 | 4.656074 | F 6.242821 | 4.827944 | 4.675280 | 4.650698 |
| Stddev | .016507  | .018640  | .022329    | .015283  | .016124  | .020174  |
| %RSD   | .3440958 | .4003354 | .3576694   | .3165476 | .3448732 | .4337817 |
| #1     | 4.779555 | 4.660155 | 6.266186   | 4.811077 | 4.657591 | 4.671786 |
| #2     | 4.800211 | 4.635732 | 6.240578   | 4.831886 | 4.689153 | 4.631584 |
| #3     | 4.812187 | 4.672336 | 6.221698   | 4.840870 | 4.679096 | 4.648725 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.714991 |
| Stddev | .075301  |
| %RSD   | 1.597063 |
| #1     | 4.718630 |
| #2     | 4.637936 |
| #3     | 4.788407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3164.474 | 75871.85 | 14926.97 | 2040.820 | 4906.699 |
| Stddev    | 12.872   | 139.09   | 96.83    | 1.604    | 13.648   |
| %RSD      | .4067776 | .1833158 | .6486701 | .0785999 | .2781549 |
| #1        | 3177.929 | 75814.89 | 14947.34 | 2042.649 | 4922.410 |
| #2        | 3163.218 | 75770.29 | 15011.99 | 2040.161 | 4899.921 |
| #3        | 3152.276 | 76030.37 | 14821.58 | 2039.651 | 4897.767 |



Sample Name: CCB02      Acquired: 4/10/2025 12:12:15      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.002084 | -.000844 | -.001480 | -.002703 | -.000101 | -.003730 | -.008985 |
| Stddev | .001231  | .000336  | .001586  | .000833  | .002569  | .001525  | .000750  |
| %RSD   | 59.06313 | 39.78608 | 107.1267 | 30.82673 | 2541.068 | 40.87958 | 8.345073 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003415 | -.001192 | -.002084 | -.003660 | -.000959 | -.002520 | -.008634 |
| #2 | -.001854 | -.000820 | -.002675 | -.002138 | -.002131 | -.005443 | -.008475 |
| #3 | -.000985 | -.000521 | .000319  | -.002310 | .002787  | -.003228 | -.009846 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000872 | -.000128 | -.019729 | -.000497 | -.000061 | -.000113 | -.003734 |
| Stddev | .0000158 | .000020  | .010143  | .000307  | .000137  | .000299  | .003066  |
| %RSD   | 18.10682 | 15.59097 | 51.41254 | 61.78725 | 224.3550 | 265.4116 | 82.12178 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000940 | -.000105 | -.017671 | -.000809 | -.000218 | .000159  | -.000197 |
| #2 | .0000691 | -.000137 | -.010773 | -.000195 | -.000002 | -.000434 | -.005355 |
| #3 | .0000984 | -.000142 | -.030744 | -.000486 | .000037  | -.000064 | -.005648 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003760 | -.001510 | -.000085 | .0007487 | -.276556 | -.000314 | -.001871 |
| Stddev | .000124  | .006357  | .000236  | .0001485 | .008074  | .001510  | .000233  |
| %RSD   | 3.310885 | 420.9444 | 277.2274 | 19.83914 | 2.919447 | 481.5173 | 12.44726 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003638 | -.008842 | .000171  | .0006926 | -.285682 | .001401  | -.001619 |
| #2 | -.003887 | .002469  | -.000293 | .0009171 | -.273644 | -.001445 | -.002079 |
| #3 | -.003755 | .001842  | -.000133 | .0006364 | -.270343 | -.000896 | -.001914 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.188141 | -.002074 | -.000159 | -.000541 | .0013909 | .0073831 | -.001904 |
| Stddev | .006446  | .000346  | .000101  | .000718  | .0001124 | .0055700 | .001351  |
| %RSD   | 3.426344 | 16.66713 | 63.96711 | 132.5371 | 8.081531 | 75.44267 | 70.95387 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.195080 | -.001852 | -.000258 | -.000336 | .0015084 | .0122284 | -.003297 |
| #2 | -.182339 | -.001897 | -.000162 | -.001339 | .0012844 | .0086234 | -.000600 |
| #3 | -.187004 | -.002472 | -.000056 | .000051  | .0013799 | .0012975 | -.001815 |

Sample Name: CCB02      Acquired: 4/10/2025 12:12:15      Type: Unk  
Method: NON EPA-6010-200.7(v2915)      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    | -.000836 | -.004575 | -.000256 |
| Stddev | .000844  | .000145  | .000045  |
| %RSD   | 101.0542 | 3.172848 | 17.40038 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000086  | -.004436 | -.000213 |
| #2 | -.001021 | -.004564 | -.000302 |
| #3 | -.001572 | -.004725 | -.000254 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3264.874 | 78670.60 | 15545.19 | 2093.884 | 5490.688 |
| Stddev    | 7.549    | 236.09   | 18.44    | 6.496    | 8.156    |
| %RSD      | .2312312 | .3000992 | .1186381 | .3102268 | .1485353 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3273.164 | 78865.01 | 15564.79 | 2092.322 | 5497.212 |
| #2 | 3263.063 | 78407.89 | 15542.62 | 2088.312 | 5493.306 |
| #3 | 3258.395 | 78738.90 | 15528.17 | 2101.019 | 5481.544 |

Sample Name: Q1732-01      Acquired: 4/10/2025 12:17:10      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0767385 | .0007833 | 2.077115 | -.033447 | .0031573 | 114.6619 | 1.268970 |
| Stddev | .0022883 | .0017755 | .009488  | .001581  | .0001956 | .2569    | .003666  |
| %RSD   | 2.981928 | 226.6699 | .4567838 | 4.726557 | 6.193994 | .2240696 | .2888681 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0793127 | -.000739 | 2.072189 | -.033705 | .0029364 | 114.7449 | 1.269544 |
| #2 | .0759675 | .002734  | 2.071103 | -.031753 | .0033085 | 114.8671 | 1.272315 |
| #3 | .0749353 | .000356  | 2.088052 | -.034883 | .0032268 | 114.3738 | 1.265051 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081685 | .0037783 | 223.7338 | .2073820 | .1843658 | .7662815 | 269.1339 |
| Stddev | .0000690 | .0002192 | .5835    | .0010254 | .0007802 | .0012315 | .2884    |
| %RSD   | .8443582 | 5.801127 | .2607846 | .4944235 | .4231815 | .1607136 | .1071465 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0081956 | .0037198 | 224.3054 | .2074057 | .1836028 | .7673678 | 269.1495 |
| #2 | .0082198 | .0035944 | 223.7566 | .2063450 | .1843325 | .7649436 | 269.4142 |
| #3 | .0080901 | .0040208 | 223.1392 | .2083953 | .1851621 | .7665331 | 268.8381 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.266042 | 59.04340 | .3007113 | .0088972 | 14.26703 | .3757659 | 1.433027 |
| Stddev | .027222  | .17641   | .0001809 | .0002420 | .06690   | .0014663 | .002824  |
| %RSD   | .4344443 | .2987777 | .0601520 | 2.719438 | .4689462 | .3902284 | .1970839 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.291010 | 59.22481 | .3006850 | .0089958 | 14.19294 | .3762317 | 1.429802 |
| #2 | 6.270095 | 59.03295 | .3005450 | .0090743 | 14.32301 | .3769427 | 1.435063 |
| #3 | 6.237020 | 58.87245 | .3009039 | .0086216 | 14.28515 | .3741232 | 1.434214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.78716 | .4827309 | .0069838 | .0826710 | 3.824028 | 6.304579 | 8.145017 |
| Stddev | .06695   | .0015004 | .0003700 | .0017735 | .011463  | .027711  | .008652  |
| %RSD   | .4855705 | .3108185 | 5.298375 | 2.145300 | .2997546 | .4395407 | .1062200 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.73130 | .4833897 | .0073957 | .0843441 | 3.830657 | 6.273886 | 8.150612 |
| #2 | 13.86137 | .4837892 | .0066797 | .0808117 | 3.830635 | 6.312092 | 8.135053 |
| #3 | 13.76882 | .4810138 | .0068759 | .0828572 | 3.810792 | 6.327760 | 8.149388 |

Sample Name: Q1732-01      Acquired: 4/10/2025 12:17:10      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | 5.993543 | .2634445 | .7847101 |
| Stddev | .019671  | .0013245 | .0027146 |
| %RSD   | .3282084 | .5027654 | .3459350 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 5.975880 | .2630607 | .7853603 |
| #2 | 5.990006 | .2649185 | .7870405 |
| #3 | 6.014743 | .2623543 | .7817294 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3319.127 | 81533.91 | 18278.36 | 2123.044 | 4405.969 |
| Stddev    | 9.357    | 124.46   | 42.89    | 10.784   | 13.802   |
| %RSD      | .2819115 | .1526530 | .2346289 | .5079533 | .3132582 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3310.730 | 81675.91 | 18229.11 | 2118.731 | 4402.713 |
| #2 | 3329.214 | 81482.07 | 18307.42 | 2115.084 | 4421.108 |
| #3 | 3317.437 | 81443.74 | 18298.57 | 2135.317 | 4394.087 |

Sample Name: Q1733-01      Acquired: 4/10/2025 12:21:13      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .1538305 | -.006345 | .2719292 | -.017465 | -.003391 | 118.1648 |
| Stddev | .0037608 | .002536  | .0008118 | .005041  | .002753  | .0981    |
| %RSD   | 2.444746 | 39.96407 | .2985351 | 28.86468 | 81.16981 | .0830285 |
| #1     | .1568863 | -.007286 | .2717626 | -.014821 | -.000253 | 118.0724 |
| #2     | .1496305 | -.008275 | .2712136 | -.023278 | -.004525 | 118.1544 |
| #3     | .1549747 | -.003473 | .2728113 | -.014295 | -.005396 | 118.2677 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6569979 | .0334377 | .0104923 | 77.75459 | .3978178 | .1557954 |
| Stddev | .0013809 | .0000965 | .0001935 | .17029   | .0008122 | .0006981 |
| %RSD   | .2101909 | .2884921 | 1.844636 | .2190045 | .2041564 | .4480828 |
| #1     | .6559452 | .0333607 | .0102919 | 77.68129 | .3986567 | .1550734 |
| #2     | .6564869 | .0335459 | .0106781 | 77.63323 | .3970354 | .1558461 |
| #3     | .6585615 | .0334064 | .0105069 | 77.94925 | .3977613 | .1564668 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2132617 | 137.7256 | 2.185400 | 104.2853 | .2524029 | .0093462 |
| Stddev | .0004456 | .6115    | .005673  | .2027    | .0007114 | .0001694 |
| %RSD   | .2089266 | .4440328 | .2595823 | .1943449 | .2818522 | 1.812824 |
| #1     | .2134498 | 137.9859 | 2.178851 | 104.3673 | .2521298 | .0092010 |
| #2     | .2135823 | 137.0269 | 2.188573 | 104.0545 | .2518684 | .0095324 |
| #3     | .2127529 | 138.1639 | 2.188777 | 104.4342 | .2532103 | .0093052 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 93.26922 | .4298093 | 1.278364 | 19.21321 | .2239240 | .0078681 |
| Stddev | .26914   | .0005272 | .003054  | .07456   | .0020932 | .0001012 |
| %RSD   | .2885580 | .1226633 | .2389269 | .3880680 | .9347962 | 1.286582 |
| #1     | 93.48311 | .4292008 | 1.279068 | 19.27811 | .2244435 | .0078488 |
| #2     | 93.35753 | .4301286 | 1.275019 | 19.13177 | .2216200 | .0077779 |
| #3     | 92.96703 | .4300985 | 1.281004 | 19.22976 | .2257086 | .0079776 |

Sample Name: Q1733-01      Acquired: 4/10/2025 12:21:13      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0158175 | .8284805 | 2.461302 | F 27.71619 | 5.042854 | .1095456 |
| Stddev | .0016602 | .0018557 | .022192  | .10150     | .008033  | .0001624 |
| %RSD   | 10.49562 | .2239890 | .9016186 | .3662175   | .1592875 | .1482605 |
| #1     | .0139038 | .8279308 | 2.481614 | 27.64378   | 5.035134 | .1093912 |
| #2     | .0168717 | .8269617 | 2.437617 | 27.67258   | 5.042263 | .1095306 |
| #3     | .0166770 | .8305489 | 2.464674 | 27.83221   | 5.051166 | .1097150 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .4569402 |
| Stddev | .0010961 |
| %RSD   | .2398885 |
| #1     | .4559761 |
| #2     | .4567120 |
| #3     | .4581325 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3763.627 | 92459.53 | 18820.32 | 2440.662 | 4393.589 |
| Stddev    | 13.115   | 259.09   | 50.91    | 14.306   | 6.547    |
| %RSD      | .3484647 | .2802215 | .2705240 | .5861387 | .1490176 |
| #1        | 3748.533 | 92389.20 | 18876.92 | 2440.884 | 4388.848 |
| #2        | 3770.111 | 92746.53 | 18805.75 | 2454.855 | 4401.060 |
| #3        | 3772.236 | 92242.87 | 18778.27 | 2426.246 | 4390.860 |

Sample Name: Q1740-01      Acquired: 4/10/2025 12:25:25      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0257352 | .0050319 | .1357108 | -.026269 | -.004391 | 72.60556 | .7193262 |
| Stddev | .0019760 | .0016948 | .0016689 | .000347  | .001230  | .07927   | .0026920 |
| %RSD   | 7.678202 | 33.68114 | 1.229727 | 1.320588 | 28.00520 | .1091730 | .3742383 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0235541 | .0040434 | .1366482 | -.026068 | -.003138 | 72.66203 | .7200795 |
| #2 | .0274060 | .0069888 | .1367002 | -.026670 | -.004439 | 72.63970 | .7163378 |
| #3 | .0262455 | .0040634 | .1337840 | -.026070 | -.005597 | 72.51494 | .7215612 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0102876 | -.000491 | 18.94918 | .1600540 | .0871450 | .2707263 | 187.6568 |
| Stddev | .0001145 | .000176  | .07465   | .0003267 | .0001154 | .0003311 | .9876    |
| %RSD   | 1.112792 | 35.82757 | .3939730 | .2041269 | .1324083 | .1223154 | .5262617 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0101557 | -.000521 | 18.89573 | .1596829 | .0870148 | .2703464 | 187.7413 |
| #2 | .0103607 | -.000302 | 19.03448 | .1601807 | .0871858 | .2708784 | 186.6297 |
| #3 | .0103464 | -.000650 | 18.91732 | .1602984 | .0872345 | .2709540 | 188.5994 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.708576 | 27.54385 | .1902184 | .0021293 | 7.784446 | .2012734 | .4776144 |
| Stddev | .006362  | .20984   | .0007231 | .0002849 | .084034  | .0014253 | .0039770 |
| %RSD   | .1351164 | .7618277 | .3801230 | 13.38031 | 1.079508 | .7081580 | .8326876 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.701769 | 27.37651 | .1894306 | .0023241 | 7.818653 | .2028811 | .4746491 |
| #2 | 4.714372 | 27.77928 | .1908519 | .0018023 | 7.688703 | .2007745 | .4760602 |
| #3 | 4.709587 | 27.47577 | .1903725 | .0022615 | 7.845981 | .2001646 | .4821338 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.554353 | .2756024 | .0000420 | .0026325 | 2.212818 | 2.958227 | 6.931623 |
| Stddev | .090602  | .0024471 | .0003164 | .0003234 | .001597  | .030762  | .033532  |
| %RSD   | 1.059135 | .8878990 | 753.0774 | 12.28713 | .0721811 | 1.039884 | .4837574 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.593220 | .2767601 | .0001655 | .0024794 | 2.211759 | 2.988415 | 6.892904 |
| #2 | 8.450802 | .2727913 | .0002781 | .0030040 | 2.212039 | 2.926921 | 6.950747 |
| #3 | 8.619037 | .2772558 | -.000318 | .0024139 | 2.214655 | 2.959346 | 6.951217 |

Sample Name: Q1740-01      Acquired: 4/10/2025 12:25:25      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .3073152 | .2026908 | .1057872 |
| Stddev | .0073233 | .0012659 | .0001818 |
| %RSD   | 2.382999 | .6245521 | .1718637 |
| #1     | .3023398 | .2014925 | .1059969 |
| #2     | .3038813 | .2025651 | .1056916 |
| #3     | .3157244 | .2040149 | .1056732 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3582.471 | 86714.11 | 16537.82 | 2350.987 | 4898.685 |
| Stddev    | 7.735    | 185.53   | 104.61   | 14.252   | 1.498    |
| %RSD      | .2159035 | .2139550 | .6325479 | .6062087 | .0305719 |
| #1        | 3576.087 | 86855.97 | 16578.69 | 2353.084 | 4898.274 |
| #2        | 3591.072 | 86782.19 | 16418.94 | 2364.074 | 4900.346 |
| #3        | 3580.254 | 86504.15 | 16615.81 | 2335.802 | 4897.436 |



Sample Name: Q1743-01      Acquired: 4/10/2025 12:29:30      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0263876 | -.003029 | 1.019781 | -.015919 | .0063378 | 49.20446 | .4065609 |
| Stddev | .0003581 | .003309  | .000858  | .005182  | .0003621 | .11363   | .0019672 |
| %RSD   | 1.357219 | 109.2515 | .0841604 | 32.55186 | 5.713533 | .2309278 | .4838659 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0265895 | .000656  | 1.019652 | -.009961 | .0067554 | 49.13357 | .4046379 |
| #2 | .0259741 | -.003995 | 1.018994 | -.018413 | .0061478 | 49.14429 | .4085695 |
| #3 | .0265992 | -.005747 | 1.020696 | -.019382 | .0061103 | 49.33552 | .4064755 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048292 | -.000924 | 54.64361 | .0982334 | .1051883 | .4532403 | 113.0016 |
| Stddev | .0000420 | .000272  | .11135   | .0016760 | .0002675 | .0012303 | 1.5004   |
| %RSD   | .8687091 | 29.43598 | .2037835 | 1.706187 | .2542649 | .2714363 | 1.327785 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0048015 | -.001207 | 54.63201 | .1001007 | .1050238 | .4520470 | 114.6832 |
| #2 | .0048087 | -.000901 | 54.53852 | .0968593 | .1050441 | .4531695 | 112.5216 |
| #3 | .0048775 | -.000665 | 54.76032 | .0977401 | .1054969 | .4545045 | 111.7999 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.117681 | 30.82602 | .1175863 | .0029603 | 1.748953 | .2163412 | .9709606 |
| Stddev | .000671  | .10403   | .0006341 | .0002693 | .029378  | .0016350 | .0147030 |
| %RSD   | .0600194 | .3374767 | .5392686 | 9.098164 | 1.679749 | .7557695 | 1.514274 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.117534 | 30.85874 | .1169617 | .0026612 | 1.776990 | .2169779 | .9878920 |
| #2 | 1.117096 | 30.70957 | .1175677 | .0030361 | 1.751472 | .2175621 | .9614107 |
| #3 | 1.118413 | 30.90976 | .1182295 | .0031837 | 1.718397 | .2144836 | .9635793 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.583749 | .1609791 | .0039391 | .0341636 | 2.123150 | 4.200086 | 1.918607 |
| Stddev | .012776  | .0038169 | .0002486 | .0016338 | .002728  | .043674  | .012230  |
| %RSD   | .8066899 | 2.371072 | 6.311969 | 4.782158 | .1284865 | 1.039844 | .6374555 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.598499 | .1650233 | .0037845 | .0337518 | 2.121128 | 4.250457 | 1.928589 |
| #2 | 1.576596 | .1604746 | .0038069 | .0359639 | 2.122068 | 4.177034 | 1.922269 |
| #3 | 1.576152 | .1574396 | .0042259 | .0327752 | 2.126253 | 4.172767 | 1.904965 |

Sample Name: Q1743-01      Acquired: 4/10/2025 12:29:30      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | 1.393923 | .0622192 | .1982532 |
| Stddev | .004294  | .0003840 | .0003514 |
| %RSD   | .3080497 | .6171741 | .1772638 |
| #1     | 1.392425 | .0626444 | .1979211 |
| #2     | 1.390580 | .0618978 | .1986212 |
| #3     | 1.398766 | .0621154 | .1982174 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3322.575 | 81131.95 | 15946.78 | 2166.111 | 4879.895 |
| Stddev    | 6.361    | 1266.26  | 79.17    | 37.040   | 4.330    |
| %RSD      | .1914422 | 1.560740 | .4964791 | 1.709965 | .0887405 |
| #1        | 3329.348 | 79669.90 | 15902.17 | 2123.366 | 4884.701 |
| #2        | 3321.649 | 81877.54 | 16038.19 | 2186.207 | 4878.691 |
| #3        | 3316.728 | 81848.41 | 15899.97 | 2188.759 | 4876.295 |

Sample Name: Q1739-01      Acquired: 4/10/2025 12:33:38      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0009130 | -.005519 | .0455140 | -.002488 | .0020760 | 3.152453 | .2540546 |
| Stddev | .0035372 | .003306  | .0019689 | .002998  | .0016015 | .013645  | .0004121 |
| %RSD   | 387.4292 | 59.89975 | 4.325934 | 120.4891 | 77.14167 | .4328515 | .1622058 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0033148 | -.001933 | .0447362 | -.001106 | .0038635 | 3.137154 | .2540213 |
| #2 | -.003149 | -.006178 | .0477530 | -.000430 | .0007719 | 3.156839 | .2544824 |
| #3 | .002573  | -.008445 | .0440528 | -.005927 | .0015926 | 3.163366 | .2536602 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010770 | -.000678 | 61.11785 | .0143716 | .0015404 | .0301871 | 20.22679 |
| Stddev | .0000289 | .000129  | .21023   | .0003225 | .0000389 | .0002545 | .12139   |
| %RSD   | 2.679191 | 18.96274 | .3439721 | 2.243837 | 2.522002 | .8429805 | .6001261 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010960 | -.000823 | 60.96775 | .0140366 | .0014972 | .0300942 | 20.34008 |
| #2 | .0010438 | -.000576 | 61.35812 | .0146798 | .0015516 | .0299922 | 20.09867 |
| #3 | .0010913 | -.000636 | 61.02767 | .0143984 | .0015724 | .0304750 | 20.24163 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.642706 | 11.37737 | .0047816 | .0013590 | 843.7837 | .0410811 | .0992329 |
| Stddev | .005542  | .03184   | .0001475 | .0002223 | 6.3244   | .0010252 | .0005110 |
| %RSD   | .3373866 | .2798206 | 3.084322 | 16.35334 | .7495285 | 2.495443 | .5149611 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.639664 | 11.35753 | .0046466 | .0015183 | 847.5205 | .0421408 | .0986704 |
| #2 | 1.649104 | 11.41409 | .0047593 | .0014537 | 836.4816 | .0400944 | .0993600 |
| #3 | 1.639352 | 11.36048 | .0049390 | .0011051 | 847.3490 | .0410083 | .0996684 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.92733 | .0905783 | .0034763 | -.001458 | .1677936 | 6.506686 | .4772570 |
| Stddev | .07660   | .0000842 | .0000616 | .000696  | .0005780 | .041549  | .0049768 |
| %RSD   | .6422551 | .0929650 | 1.773171 | 47.71914 | .3444702 | .6385607 | 1.042798 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 11.99842 | .0904827 | .0034121 | -.000697 | .1672817 | 6.551716 | .4762727 |
| #2 | 11.84620 | .0906414 | .0035350 | -.001618 | .1684205 | 6.469833 | .4728459 |
| #3 | 11.93736 | .0906108 | .0034818 | -.002061 | .1676787 | 6.498510 | .4826525 |

Sample Name: Q1739-01      Acquired: 4/10/2025 12:33:38      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.158826 | .0038588 | .4666544 |
| Stddev | .012643  | .0004761 | .0008234 |
| %RSD   | .1549555 | 12.33740 | .1764366 |
| #1     | 8.144228 | .0034729 | .4665804 |
| #2     | 8.166253 | .0043908 | .4675123 |
| #3     | 8.165996 | .0037125 | .4658706 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2885.034 | 71279.24 | 16252.47 | 1869.448 | 4166.845 |
| Stddev    | 5.795    | 172.42   | 118.92   | 8.620    | 6.220    |
| %RSD      | .2008469 | .2418887 | .7316877 | .4611071 | .1492821 |
| #1        | 2891.655 | 71314.10 | 16374.32 | 1878.375 | 4174.024 |
| #2        | 2880.888 | 71431.56 | 16136.72 | 1868.796 | 4163.471 |
| #3        | 2882.559 | 71092.06 | 16246.37 | 1861.172 | 4163.042 |

Sample Name: Q1748-04      Acquired: 4/10/2025 12:38:00      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.007469 | -.007439 | .1681492 | .0033203 | .0025977 | -.024192 |
| Stddev | .000383  | .001411  | .0010239 | .0025644 | .0022825 | .001767  |
| %RSD   | 5.123134 | 18.96122 | .6089282 | 77.23429 | 87.86569 | 7.305606 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.007242 | -.008600 | .1673347 | .0013903 | .0001877 | -.022896 |
| #2 | -.007911 | -.007848 | .1678143 | .0023404 | .0028788 | -.023475 |
| #3 | -.007255 | -.005869 | .1692986 | .0062302 | .0047267 | -.026205 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1268941 | -.000160 | .0010652 | 133.9467 | .0006112 | .0065707 |
| Stddev | .0018759 | .000016  | .0000783 | .7659    | .0003699 | .0002775 |
| %RSD   | 1.478284 | 10.10579 | 7.351369 | .5718262 | 60.52490 | 4.223679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1249894 | -.000145 | .0010557 | 133.0767 | .0001861 | .0067130 |
| #2 | .1269530 | -.000177 | .0009920 | 134.2439 | .0007870 | .0062509 |
| #3 | .1287398 | -.000160 | .0011478 | 134.5195 | .0008604 | .0067482 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0665040 | -.001473 | 1.090825 | 3.754902 | .0178338 | .0006277 |
| Stddev | .0003317 | .001834  | .007362  | .040900  | .0002250 | .0001141 |
| %RSD   | .4987925 | 124.5049 | .6749398 | 1.089233 | 1.261828 | 18.17485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0662032 | -.000047 | 1.082342 | 3.707675 | .0176301 | .0006446 |
| #2 | .0668597 | -.003541 | 1.095540 | 3.778648 | .0177960 | .0005062 |
| #3 | .0664490 | -.000830 | 1.094594 | 3.778382 | .0180754 | .0007325 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 358.5701 | -.000303 | 1.443994 | 3.101039 | .0178024 | .0009172 |
| Stddev | 2.3603   | .000568  | .003722  | .029580  | .0002253 | .0003626 |
| %RSD   | .6582515 | 187.5900 | .2577676 | .9538764 | 1.265765 | 39.53485 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 357.8324 | -.000395 | 1.442986 | 3.082797 | .0178468 | .0005295 |
| #2 | 361.2111 | .000305  | 1.448116 | 3.135168 | .0175582 | .0009740 |
| #3 | 356.6667 | -.000819 | 1.440879 | 3.085152 | .0180022 | .0012480 |

Sample Name: Q1748-04      Acquired: 4/10/2025 12:38:00      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.003412 | -.001710 | 2.231793 | .0296628 | F 10.04583 | -.011553 |
| Stddev | .000786  | .000419  | .010142  | .0019154 | .00648     | .000615  |
| %RSD   | 23.04700 | 24.52083 | .4544167 | 6.457137 | .0644868   | 5.324969 |
| #1     | -.003454 | -.001317 | 2.220091 | .0285446 | 10.05173   | -.012102 |
| #2     | -.002605 | -.001663 | 2.238029 | .0318744 | 10.04686   | -.010888 |
| #3     | -.004177 | -.002152 | 2.237260 | .0285693 | 10.03890   | -.011670 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5077389 |
| Stddev | .0021058 |
| %RSD   | .4147403 |
| #1     | .5053087 |
| #2     | .5088850 |
| #3     | .5090231 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2827.284 | 69972.77 | 15188.65 | 1847.351 | 4350.532 |
| Stddev    | 3.784    | 224.17   | 31.45    | 10.781   | 5.569    |
| %RSD      | .1338247 | .3203669 | .2070826 | .5835840 | .1280053 |
| #1        | 2824.008 | 69930.96 | 15219.18 | 1835.780 | 4344.103 |
| #2        | 2826.419 | 69772.45 | 15190.42 | 1849.159 | 4353.635 |
| #3        | 2831.425 | 70214.90 | 15156.34 | 1857.113 | 4353.858 |

Sample Name: Q1748-08      Acquired: 4/10/2025 12:42:23      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.001669 | -.006211 | .0676200 | .0025811 | .0015044 | .2080882 | .4980144 |
| Stddev | .000891  | .000466  | .0015588 | .0025225 | .0014506 | .0043924 | .0023889 |
| %RSD   | 53.38983 | 7.498100 | 2.305262 | 97.73150 | 96.42193 | 2.110843 | .4796921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002653 | -.006565 | .0670211 | -.000165 | .0023690 | .2032785 | .4990056 |
| #2 | -.000916 | -.005683 | .0664494 | .003113  | .0023146 | .2118870 | .4952894 |
| #3 | -.001439 | -.006384 | .0693895 | .004795  | -.000170 | .2090992 | .4997481 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001840 | -.000730 | 37.91300 | -.000258 | .0082313 | .0134764 | 17.51526 |
| Stddev | .0000362 | .000016  | .20945   | .000173  | .0000564 | .0003232 | .10589   |
| %RSD   | 19.67286 | 2.168677 | .5524616 | 66.82943 | .6845275 | 2.398220 | .6045506 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002242 | -.000713 | 38.13277 | -.000456 | .0081663 | .0131883 | 17.55870 |
| #2 | .0001739 | -.000744 | 37.89057 | -.000138 | .0082655 | .0138259 | 17.39456 |
| #3 | .0001539 | -.000734 | 37.71567 | -.000181 | .0082622 | .0134151 | 17.59251 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.967483 | 1.726018 | .0110325 | .0011562 | 345.3503 | -.001824 | .3551207 |
| Stddev | .005995  | .007892  | .0002281 | .0002163 | 1.5944   | .000691  | .0026215 |
| %RSD   | .3046927 | .4572319 | 2.067813 | 18.70946 | .4616772 | 37.87789 | .7382022 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.974259 | 1.735120 | .0112642 | .0012804 | 347.1687 | -.001064 | .3523922 |
| #2 | 1.962871 | 1.721861 | .0110252 | .0012818 | 344.1918 | -.002414 | .3576202 |
| #3 | 1.965320 | 1.721074 | .0108082 | .0009064 | 344.6905 | -.001994 | .3553499 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.625980 | .0768730 | -.000327 | -.001558 | .0060047 | 1.334742 | .0205999 |
| Stddev | .012712  | .0003010 | .000209  | .000988  | .0002141 | .005351  | .0025488 |
| %RSD   | .4840828 | .3915534 | 63.89362 | 63.42169 | 3.565912 | .4008778 | 12.37277 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.630241 | .0766143 | -.000498 | -.001674 | .0057686 | 1.339532 | .0187506 |
| #2 | 2.611685 | .0772033 | -.000094 | -.002483 | .0061863 | 1.328968 | .0195419 |
| #3 | 2.636014 | .0768013 | -.000388 | -.000517 | .0060593 | 1.335726 | .0235073 |

Sample Name: Q1748-08      Acquired: 4/10/2025 12:42:23      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .8207269 | -.003891 | .1841623 |
| Stddev | .0055543 | .000253  | .0006113 |
| %RSD   | .6767548 | 6.508451 | .3319278 |
| #1     | .8157179 | -.003938 | .1838983 |
| #2     | .8267002 | -.003618 | .1837274 |
| #3     | .8197626 | -.004118 | .1848613 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2965.914 | 72761.00 | 15245.72 | 1952.570 | 4543.259 |
| Stddev    | 10.109   | 199.84   | 114.72   | 5.099    | 15.095   |
| %RSD      | .3408497 | .2746478 | .7524585 | .2611251 | .3322569 |
| #1        | 2960.364 | 72533.20 | 15161.23 | 1952.594 | 4533.230 |
| #2        | 2977.583 | 72843.04 | 15199.62 | 1947.460 | 4560.620 |
| #3        | 2959.795 | 72906.76 | 15376.32 | 1957.657 | 4535.927 |



Sample Name: Q1754-02      Acquired: 4/10/2025 12:46:46      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.004048 | -.007199 | .0458442 | .0004847 | .0012055 | .0209184 | .3026898 |
| Stddev | .001160  | .001036  | .0012642 | .0011521 | .0001420 | .0020815 | .0007947 |
| %RSD   | 28.66234 | 14.39635 | 2.757514 | 237.7029 | 11.78291 | 9.950610 | .2625532 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004562 | -.008304 | .0472916 | .0004163 | .0013160 | .0231277 | .3020735 |
| #2 | -.004863 | -.007044 | .0452849 | -.000632 | .0012550 | .0206334 | .3035868 |
| #3 | -.002720 | -.006248 | .0449562 | .001670  | .0010453 | .0189941 | .3024091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000047 | .0003364 | 16.39586 | .0209237 | -.000203 | .0169220 | .1389557 |
| Stddev | .000015  | .0001334 | .02189   | .0004592 | .000116  | .0003609 | .0054734 |
| %RSD   | 31.04066 | 39.65445 | .1335000 | 2.194658 | 57.07031 | 2.132801 | 3.938937 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000058 | .0004389 | 16.41758 | .0204920 | -.000077 | .0166388 | .1332443 |
| #2 | -.000031 | .0003847 | 16.39618 | .0214062 | -.000229 | .0173284 | .1394677 |
| #3 | -.000054 | .0001856 | 16.37381 | .0208730 | -.000304 | .0167987 | .1441551 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211068 | .9487980 | .0096155 | .0004140 | 242.5437 | .0000184 | .2215281 |
| Stddev | .0002266 | .0087166 | .0003895 | .0002061 | 1.7461   | .0006358 | .0007919 |
| %RSD   | 1.073504 | .9187034 | 4.051068 | 49.78827 | .7198962 | 3447.435 | .3574517 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0209458 | .9561214 | .0096365 | .0003909 | 240.8044 | .0005102 | .2222169 |
| #2 | .0210087 | .9391567 | .0092158 | .0006307 | 242.5303 | -.000700 | .2206630 |
| #3 | .0213659 | .9511158 | .0099940 | .0002204 | 244.2964 | .000245  | .2217045 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9694712 | .0479812 | -.000022 | -.001155 | .0007840 | .7529021 | .0875063 |
| Stddev | .0117109 | .0013843 | .000279  | .000219  | .0003767 | .0065017 | .0023452 |
| %RSD   | 1.207962 | 2.885143 | 1250.995 | 18.92919 | 48.04710 | .8635474 | 2.680027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9773139 | .0491427 | -.000199 | -.000956 | .0005914 | .7524499 | .0895623 |
| #2 | .9560097 | .0483516 | -.000167 | -.001389 | .0012181 | .7466383 | .0849520 |
| #3 | .9750899 | .0464494 | .000299  | -.001119 | .0005426 | .7596180 | .0880046 |

Sample Name: Q1754-02      Acquired: 4/10/2025 12:46:46      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .7085559 | -.009613 | .0934650 |
| Stddev | .0008279 | .000056  | .0001143 |
| %RSD   | .1168493 | .5874152 | .1222817 |
| #1     | .7089024 | -.009574 | .0933458 |
| #2     | .7091543 | -.009678 | .0934754 |
| #3     | .7076110 | -.009587 | .0935737 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3073.947 | 74472.23 | 14909.05 | 2000.277 | 4802.876 |
| Stddev    | 5.426    | 126.55   | 43.94    | 7.295    | 10.723   |
| %RSD      | .1765313 | .1699238 | .2947094 | .3647116 | .2232555 |
| #1        | 3067.714 | 74561.71 | 14858.70 | 2003.765 | 4794.753 |
| #2        | 3077.619 | 74527.52 | 14928.89 | 2005.173 | 4815.030 |
| #3        | 3076.508 | 74327.44 | 14939.58 | 1991.892 | 4798.845 |

Sample Name: Q1754-04      Acquired: 4/10/2025 12:51:11      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.005385 | -.009739 | .0038831 | .0008727 | .0007483 | .8891898 | .0785454 |
| Stddev | .002157  | .002283  | .0016313 | .0015734 | .0016266 | .0103315 | .0007597 |
| %RSD   | 40.05236 | 23.43574 | 42.01102 | 180.2899 | 217.3807 | 1.161899 | .9672155 |
| #1     | -.006095 | -.007720 | .0056554 | .0008590 | -.000031 | .8987562 | .0778761 |
| #2     | -.002963 | -.012216 | .0035498 | .0024529 | -.000342 | .8905794 | .0793712 |
| #3     | -.007097 | -.009283 | .0024442 | -.000694 | .002618  | .8782339 | .0783891 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000070 | -.000173 | 174.5504 | .0506444 | -.000728 | .0015576 | .3848007 |
| Stddev | .000018  | .000015  | .3124    | .0006649 | .000092  | .0004110 | .0061249 |
| %RSD   | 25.49434 | 8.880960 | .1789644 | 1.312784 | 12.57536 | 26.38783 | 1.591715 |
| #1     | -.000058 | -.000156 | 174.2828 | .0503366 | -.000623 | .0010856 | .3780172 |
| #2     | -.000061 | -.000185 | 174.8937 | .0501892 | -.000792 | .0018370 | .3864597 |
| #3     | -.000090 | -.000178 | 174.4748 | .0514074 | -.000769 | .0017501 | .3899252 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0172485 | .5866924 | .0001472 | .0002753 | 328.6506 | -.000760 | .0063102 |
| Stddev | .0002256 | .0102573 | .0001585 | .0000727 | 1.6344   | .000182  | .0004099 |
| %RSD   | 1.307877 | 1.748325 | 107.6753 | 26.41545 | .4973091 | 24.00557 | 6.495957 |
| #1     | .0174788 | .5825512 | .0000360 | .0002566 | 327.2394 | -.000588 | .0062150 |
| #2     | .0170280 | .5983729 | .0000770 | .0002137 | 328.2709 | -.000951 | .0059563 |
| #3     | .0172387 | .5791532 | .0003286 | .0003555 | 330.4414 | -.000742 | .0067593 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.780777 | .0023587 | .0026712 | -.003726 | .0205808 | 2.991401 | .0266972 |
| Stddev | .028766  | .0001259 | .0000810 | .000620  | .0008093 | .017044  | .0030764 |
| %RSD   | .7608588 | 5.336624 | 3.031491 | 16.64910 | 3.932123 | .5697517 | 11.52323 |
| #1     | 3.771073 | .0022314 | .0025785 | -.004417 | .0200118 | 2.994064 | .0239029 |
| #2     | 3.758117 | .0024831 | .0027068 | -.003216 | .0202234 | 2.973183 | .0299938 |
| #3     | 3.813140 | .0023616 | .0027283 | -.003546 | .0215073 | 3.006957 | .0261950 |

Sample Name: Q1754-04      Acquired: 4/10/2025 12:51:11      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | 6.359617 | -.027305 | 1.481262 |
| Stddev | .018245  | .000503  | .010975  |
| %RSD   | .2868848 | 1.842376 | .7409005 |
| #1     | 6.379588 | -.026853 | 1.473670 |
| #2     | 6.343823 | -.027847 | 1.476270 |
| #3     | 6.355440 | -.027215 | 1.493845 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2865.171 | 71853.73 | 15760.42 | 1885.774 | 4401.283 |
| Stddev    | 5.172    | 202.17   | 59.49    | 6.515    | 5.708    |
| %RSD      | .1805190 | .2813606 | .3774849 | .3454700 | .1296820 |
| #1        | 2870.799 | 71965.49 | 15796.33 | 1889.842 | 4403.788 |
| #2        | 2860.627 | 71975.35 | 15691.75 | 1889.219 | 4394.752 |
| #3        | 2864.085 | 71620.36 | 15793.19 | 1878.259 | 4405.310 |

Sample Name: Q1754-01      Acquired: 4/10/2025 12:55:44      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0969117 | .0073401 | 3.468905 | -.019729 | -.009752 | 81.26911 | 1.746116 |
| Stddev | .0058642 | .0021032 | .004866  | .004421  | .000689  | .08114   | .003463  |
| %RSD   | 6.051114 | 28.65366 | .1402800 | 22.40722 | 7.066563 | .0998386 | .1983506 |
| #1     | .0971082 | .0081948 | 3.463288 | -.016667 | -.010433 | 81.19899 | 1.743816 |
| #2     | .0909516 | .0049441 | 3.471837 | -.024797 | -.009055 | 81.35798 | 1.750100 |
| #3     | .1026752 | .0088813 | 3.471590 | -.017723 | -.009769 | 81.25037 | 1.744434 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065925 | .0004988 | 32.48540 | .2268536 | .0952006 | .5577304 | 203.8905 |
| Stddev | .0000924 | .0000592 | .06842   | .0013681 | .0006248 | .0009212 | .3101    |
| %RSD   | 1.400966 | 11.86041 | .2106114 | .6030610 | .6563004 | .1651745 | .1520761 |
| #1     | .0066860 | .0005555 | 32.51068 | .2268579 | .0955617 | .5583040 | 203.5325 |
| #2     | .0065901 | .0005033 | 32.53757 | .2254834 | .0955609 | .5582194 | 204.0694 |
| #3     | .0065013 | .0004375 | 32.40793 | .2282195 | .0944791 | .5566678 | 204.0697 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.492922 | 19.83206 | .1655688 | .0077749 | .9329442 | .2732331 | 1.162181 |
| Stddev | .019379  | .03023   | .0002560 | .0001299 | .0120754 | .0015450 | .003626  |
| %RSD   | .4313219 | .1524383 | .1546010 | 1.670867 | 1.294331 | .5654500 | .3120349 |
| #1     | 4.493918 | 19.85077 | .1653119 | .0078523 | .9207464 | .2715683 | 1.166345 |
| #2     | 4.511784 | 19.84823 | .1658238 | .0078474 | .9331929 | .2746208 | 1.159716 |
| #3     | 4.473064 | 19.79718 | .1655706 | .0076249 | .9448933 | .2735103 | 1.160482 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.341156 | .3095818 | .0019059 | .6700174 | 1.770967 | 7.562334 | 8.769151 |
| Stddev | .046953  | .0012240 | .0004911 | .0000911 | .006321  | .083888  | .016827  |
| %RSD   | .7404483 | .3953742 | 25.76762 | .0135948 | .3569171 | 1.109292 | .1918889 |
| #1     | 6.308097 | .3091939 | .0022507 | .6701087 | 1.766545 | 7.476063 | 8.785576 |
| #2     | 6.320471 | .3085987 | .0021235 | .6700169 | 1.778206 | 7.567320 | 8.751949 |
| #3     | 6.394900 | .3109527 | .0013436 | .6699266 | 1.768148 | 7.643617 | 8.769927 |

Sample Name: Q1754-01      Acquired: 4/10/2025 12:55:44      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | 1.765399 | .1740709 | .1733574 |
| Stddev | .002168  | .0002211 | .0005209 |
| %RSD   | .1228275 | .1270313 | .3004686 |
| #1     | 1.764703 | .1738231 | .1729885 |
| #2     | 1.767830 | .1742481 | .1739532 |
| #3     | 1.763665 | .1741413 | .1731303 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3629.538 | 88326.74 | 18936.42 | 2328.091 | 4873.909 |
| Stddev    | 9.539    | 88.55    | 71.43    | 10.766   | 9.040    |
| %RSD      | .2628088 | .1002498 | .3771930 | .4624227 | .1854737 |
| #1        | 3633.397 | 88313.65 | 18892.10 | 2317.906 | 4879.617 |
| #2        | 3618.674 | 88421.11 | 18898.34 | 2327.012 | 4863.486 |
| #3        | 3636.543 | 88245.47 | 19018.82 | 2339.356 | 4878.623 |

Sample Name: CCV03      Acquired: 4/10/2025 12:59:48      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.892151 | 4.838343 | 4.736216 | 4.987317 | 5.068789 | 9.939889 |
| Stddev | .012111  | .023932  | .013040  | .009818  | .011844  | .016842  |
| %RSD   | .2475625 | .4946365 | .2753184 | .1968621 | .2336660 | .1694431 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.892597 | 4.849772 | 4.734488 | 4.996726 | 5.071679 | 9.954179 |
| #2 | 4.879823 | 4.810839 | 4.724126 | 4.977136 | 5.055767 | 9.921320 |
| #3 | 4.904033 | 4.854419 | 4.750033 | 4.988091 | 5.078920 | 9.944169 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.10442 | .2350868 | 2.360539 | 24.20593 | 1.015656 | 2.476167 |
| Stddev | .11123   | .0011758 | .004899  | .08049   | .001220  | .006297  |
| %RSD   | 1.100820 | .5001504 | .2075254 | .3325103 | .1201424 | .2543161 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.04158 | .2359369 | 2.360953 | 24.26794 | 1.014360 | 2.476075 |
| #2 | 10.03883 | .2337450 | 2.355446 | 24.11497 | 1.016783 | 2.469917 |
| #3 | 10.23285 | .2355785 | 2.365217 | 24.23487 | 1.015824 | 2.482510 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.288120 | 5.227525 | 2.367533 | 23.90134 | 2.494595 | 1.266130 |
| Stddev | .002730  | .020775  | .008643  | .11987   | .006615  | .000748  |
| %RSD   | .2119064 | .3974248 | .3650459 | .5015257 | .2651803 | .0590862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.286486 | 5.224786 | 2.376619 | 23.96250 | 2.497049 | 1.266543 |
| #2 | 1.286603 | 5.249534 | 2.359415 | 23.76322 | 2.487104 | 1.265266 |
| #3 | 1.291271 | 5.208254 | 2.366567 | 23.97829 | 2.499633 | 1.266580 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 24.29467 | 2.466949 | 2.557179 | 23.28752 | F 4.235824 | 5.015188 |
| Stddev | .10677   | .005151  | .006139  | .11442   | .025588    | .010892  |
| %RSD   | .4394850 | .2087880 | .2400668 | .4913496 | .6040790   | .2171735 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 24.26015 | 2.469846 | 2.550359 | 23.29613 | 4.253893 | 5.016241 |
| #2 | 24.41443 | 2.470000 | 2.558915 | 23.39740 | 4.206544 | 5.003808 |
| #3 | 24.20942 | 2.461002 | 2.562263 | 23.16904 | 4.247036 | 5.025515 |

Sample Name: CCV03      Acquired: 4/10/2025 12:59:48      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.794317 | 4.751049 | F 6.663249 | 4.756902 | 4.679432 | 4.761302 |
| Stddev | .015881  | .014540  | .041293    | .028392  | .007682  | .015056  |
| %RSD   | .3312381 | .3060470 | .6197179   | .5968638 | .1641742 | .3162098 |
| #1     | 4.798668 | 4.766822 | 6.632467   | 4.749630 | 4.680703 | 4.778339 |
| #2     | 4.776715 | 4.738180 | 6.710175   | 4.732854 | 4.671193 | 4.749786 |
| #3     | 4.807569 | 4.748145 | 6.647104   | 4.788223 | 4.686399 | 4.755781 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.905086 |
| Stddev | .039641  |
| %RSD   | .8081692 |
| #1     | 4.944205 |
| #2     | 4.864942 |
| #3     | 4.906113 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3129.009 | 75958.23 | 15812.63 | 2014.528 | 4883.682 |
| Stddev    | 6.135    | 114.86   | 65.73    | 5.636    | 11.812   |
| %RSD      | .1960640 | .1512170 | .4156862 | .2797672 | .2418685 |
| #1        | 3123.947 | 75993.26 | 15755.97 | 2013.268 | 4875.635 |
| #2        | 3135.831 | 75829.93 | 15884.70 | 2009.629 | 4897.243 |
| #3        | 3127.247 | 76051.49 | 15797.23 | 2020.688 | 4878.170 |



Sample Name: CCB03      Acquired: 4/10/2025 13:04:00      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | .0002176 | -.002742 | .0002164 | -.001377 | .0003206 | -.003526 | -.008480 |
| Stddev | .0036532 | .000882  | .0006303 | .001625  | .0014865 | .003556  | .000510  |
| %RSD   | 1678.910 | 32.14287 | 291.2230 | 118.0178 | 463.6889 | 100.8643 | 6.009603 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015610 | -.003610 | .0006700 | -.000198 | -.000015 | -.005375 | -.009017 |
| #2 | .0030089 | -.002769 | -.000503 | -.003230 | .001946  | -.005776 | -.008003 |
| #3 | -.003917 | -.001848 | .000483  | -.000702 | -.000970 | .000574  | -.008418 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000876 | .0000137 | -.013731 | -.000122 | -.000062 | -.000128 | .0003047 |
| Stddev | .0000161 | .0000916 | .002156  | .000578  | .000118  | .000142  | .0055305 |
| %RSD   | 18.32895 | 668.3539 | 15.70242 | 475.1866 | 190.3424 | 110.6528 | 1814.799 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000881 | -.000029 | -.016201 | -.000164 | .000052  | -.000200 | .0066511 |
| #2 | .0000713 | -.000049 | -.012768 | -.000678 | -.000055 | .000035  | -.003484 |
| #3 | .0001034 | .000119  | -.012224 | .000476  | -.000183 | -.000219 | -.002253 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003251 | -.007572 | -.000295 | .0004616 | -.161017 | -.001416 | -.001899 |
| Stddev | .000469  | .011116  | .000102  | .0000595 | .011554  | .000539  | .000294  |
| %RSD   | 14.42775 | 146.7972 | 34.56648 | 12.88046 | 7.175367 | 38.03983 | 15.46940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003194 | -.010793 | -.000178 | .0003949 | -.170806 | -.001234 | -.001606 |
| #2 | -.002813 | .004798  | -.000368 | .0005092 | -.148273 | -.000991 | -.001897 |
| #3 | -.003746 | -.016722 | -.000339 | .0004806 | -.163973 | -.002021 | -.002193 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.147871 | -.003035 | -.000047 | -.000494 | .0010049 | .0005456 | -.002258 |
| Stddev | .020409  | .000493  | .000187  | .000340  | .0005854 | .0019266 | .000678  |
| %RSD   | 13.80198 | 16.23794 | 399.9722 | 68.89447 | 58.24820 | 353.1063 | 30.03660 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.160044 | -.002654 | -.000003 | -.000435 | .0016112 | -.001532 | -.001698 |
| #2 | -.124309 | -.002859 | .000114  | -.000860 | .0009606 | .002272  | -.002064 |
| #3 | -.159259 | -.003591 | -.000251 | -.000187 | .0004430 | .000897  | -.003012 |

Sample Name: CCB03      Acquired: 4/10/2025 13:04:00      Type: Unk  
Method: NON EPA-6010-200.7(v2916)      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    | -.000675 | -.002424 | -.000184 |
| Stddev | .002502  | .000505  | .000015  |
| %RSD   | 370.4268 | 20.83882 | 8.212679 |
| #1     | .000390  | -.003003 | -.000176 |
| #2     | .001117  | -.002194 | -.000201 |
| #3     | -.003534 | -.002075 | -.000174 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3234.173 | 78836.15 | 14929.78 | 2132.032 | 5343.439 |
| Stddev    | 9.900    | 904.01   | 44.68    | 21.858   | 13.185   |
| %RSD      | .3061114 | 1.146700 | .2992913 | 1.025225 | .2467466 |
| #1        | 3228.574 | 79879.04 | 14896.64 | 2156.752 | 5339.468 |
| #2        | 3228.342 | 78353.79 | 14980.60 | 2124.080 | 5332.696 |
| #3        | 3245.604 | 78275.63 | 14912.10 | 2115.262 | 5358.153 |

Sample Name: Q1754-03      Acquired: 4/10/2025 13:07:55      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0365042 | -.006803 | .1522668 | -.028541 | .0022720 | 132.5724 |
| Stddev | .0026383 | .001784  | .0009579 | .003394  | .0022782 | .3189    |
| %RSD   | 7.227331 | 26.22208 | .6290909 | 11.89163 | 100.2728 | .2405774 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0339672 | -.006704 | .1523399 | -.025587 | .0048591 | 132.6831 |
| #2 | .0363121 | -.005070 | .1531861 | -.027788 | .0013916 | 132.2129 |
| #3 | .0392332 | -.008634 | .1512745 | -.032248 | .0005654 | 132.8213 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6516183 | .0053299 | -.002726 | 931.6813 | .1628689 | .0707356 |
| Stddev | .0036514 | .0000269 | .000039  | 10.2009  | .0000598 | .0005481 |
| %RSD   | .5603562 | .5053762 | 1.431201 | 1.094894 | .0366930 | .7747941 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6526080 | .0053559 | -.002682 | 933.2137 | .1628560 | .0713290 |
| #2 | .6475741 | .0053021 | -.002754 | 920.8009 | .1628166 | .0702484 |
| #3 | .6546729 | .0053317 | -.002743 | 941.0293 | .1629340 | .0706294 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2752183 | 163.2640 | 3.135728 | 55.06156 | .1740218 | .0062503 |
| Stddev | .0003501 | .3165    | .028162  | .41821   | .0003596 | .0002043 |
| %RSD   | .1272098 | .1938580 | .8980858 | .7595346 | .2066584 | 3.268799 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2756166 | 163.3781 | 3.143391 | 55.08582 | .1744340 | .0063553 |
| #2 | .2749593 | 162.9063 | 3.104529 | 54.63174 | .1738591 | .0063807 |
| #3 | .2750791 | 163.5076 | 3.159266 | 55.46711 | .1737723 | .0060148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.47139 | .2664870 | .3103771 | 39.84601 | .3964513 | .0023395 |
| Stddev | .05011   | .0007905 | .0019846 | .15641   | .0009382 | .0002126 |
| %RSD   | .4367859 | .2966459 | .6394252 | .3925257 | .2366510 | 9.087554 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.44754 | .2658246 | .3108659 | 39.79050 | .3960278 | .0023162 |
| #2 | 11.52897 | .2662741 | .3120716 | 40.02260 | .3957996 | .0021395 |
| #3 | 11.43768 | .2673621 | .3081937 | 39.72493 | .3975266 | .0025628 |

Sample Name: Q1754-03      Acquired: 4/10/2025 13:07:55      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0020775 | 5.507309 | 8.296443 | 7.114095 | F 11.03854 | .0206568 |
| Stddev | .0000844 | .027336  | .031939  | .034230  | .04792     | .0017268 |
| %RSD   | 4.064518 | .4963504 | .3849769 | .4811570 | .4340821   | 8.359661 |
| #1     | .0021718 | 5.510962 | 8.284701 | 7.122399 | 11.06361   | .0211520 |
| #2     | .0020091 | 5.478331 | 8.332592 | 7.143408 | 11.06871   | .0220820 |
| #3     | .0020516 | 5.532635 | 8.272037 | 7.076476 | 10.98329   | .0187365 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.493578 |
| Stddev | .116150  |
| %RSD   | 2.114279 |
| #1     | 5.527488 |
| #2     | 5.364247 |
| #3     | 5.588998 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2981.110 | 72712.32 | 16149.95 | 1960.662 | 4030.367 |
| Stddev    | 6.637    | 102.59   | 132.68   | 2.874    | 10.282   |
| %RSD      | .2226443 | .1410908 | .8215493 | .1465704 | .2551144 |
| #1        | 2983.636 | 72654.74 | 16124.73 | 1957.989 | 4028.912 |
| #2        | 2973.581 | 72830.77 | 16293.43 | 1963.701 | 4020.890 |
| #3        | 2986.114 | 72651.46 | 16031.69 | 1960.297 | 4041.300 |

Sample Name: Q1754-03DUP      Acquired: 4/10/2025 13:12:19      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0357461 | -.008958 | .1526581 | -.024046 | .0027478 | 132.5667 |
| Stddev | .0037934 | .001274  | .0042131 | .002560  | .0007298 | .5138    |
| %RSD   | 10.61195 | 14.21623 | 2.759832 | 10.64812 | 26.55795 | .3876149 |
| #1     | .0371535 | -.010420 | .1574683 | -.027002 | .0020935 | 132.9195 |
| #2     | .0314502 | -.008086 | .1496233 | -.022505 | .0026150 | 132.8035 |
| #3     | .0386347 | -.008369 | .1508826 | -.022632 | .0035347 | 131.9772 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6459381 | .0053751 | -.002631 | 933.1039 | .1646515 | .0706502 |
| Stddev | .0026070 | .0000527 | .000115  | 13.6958  | .0003835 | .0001818 |
| %RSD   | .4035953 | .9812449 | 4.384775 | 1.467772 | .2329399 | .2573336 |
| #1     | .6456453 | .0053913 | -.002529 | 923.3208 | .1647480 | .0708283 |
| #2     | .6486792 | .0053161 | -.002756 | 948.7562 | .1642289 | .0706574 |
| #3     | .6434900 | .0054178 | -.002610 | 927.2347 | .1649775 | .0704649 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2742597 | 163.8660 | 3.108428 | 55.04140 | .1744928 | .0063486 |
| Stddev | .0014176 | .1560    | .010568  | .14402   | .0005816 | .0003141 |
| %RSD   | .5168962 | .0952264 | .3399627 | .2616547 | .3333230 | 4.947201 |
| #1     | .2740417 | 163.7815 | 3.103937 | 54.93271 | .1739027 | .0067031 |
| #2     | .2757737 | 164.0461 | 3.120499 | 55.20475 | .1750656 | .0062377 |
| #3     | .2729637 | 163.7705 | 3.100847 | 54.98675 | .1745101 | .0061050 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.59738 | .2658227 | .3119818 | 39.99986 | .3959690 | .0020202 |
| Stddev | .02416   | .0022236 | .0006591 | .06001   | .0009088 | .0005216 |
| %RSD   | .2082990 | .8364948 | .2112514 | .1500144 | .2295129 | 25.81878 |
| #1     | 11.61558 | .2647181 | .3112445 | 39.99437 | .3964545 | .0016196 |
| #2     | 11.60659 | .2683823 | .3125136 | 40.06242 | .3965320 | .0026100 |
| #3     | 11.56997 | .2643677 | .3121875 | 39.94279 | .3949206 | .0018310 |

Sample Name: Q1754-03DUP      Acquired: 4/10/2025 13:12:19      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0035057 | 5.484546 | 8.514816 | 7.081342 | F 10.97772 | .0202506 |
| Stddev | .0013604 | .020863  | .038040  | .009981  | .02329     | .0017410 |
| %RSD   | 38.80396 | .3804047 | .4467532 | .1409485 | .2121968   | 8.597168 |
| #1     | .0024712 | 5.484830 | 8.544197 | 7.088603 | 10.95381   | .0217343 |
| #2     | .0029993 | 5.505266 | 8.471848 | 7.069961 | 10.97901   | .0183340 |
| #3     | .0050467 | 5.463542 | 8.528403 | 7.085463 | 11.00035   | .0206834 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.507559 |
| Stddev | .088484  |
| %RSD   | 1.606586 |
| #1     | 5.578796 |
| #2     | 5.535369 |
| #3     | 5.408511 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2961.376 | 71899.80 | 16161.90 | 1931.673 | 4024.419 |
| Stddev    | 2.549    | 173.55   | 62.84    | 5.830    | 3.188    |
| %RSD      | .0860879 | .2413783 | .3888036 | .3018318 | .0792186 |
| #1        | 2962.997 | 72075.26 | 16195.06 | 1925.667 | 4026.662 |
| #2        | 2958.438 | 71728.22 | 16089.43 | 1932.043 | 4020.769 |
| #3        | 2962.694 | 71895.92 | 16201.22 | 1937.310 | 4025.824 |

Sample Name: Q1754-03LX5      Acquired: 4/10/2025 13:16:41      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0038112 | -.002763 | .0306055 | -.011650 | -.002003 | 27.91626 | .1203974 |
| Stddev | .0016151 | .000527  | .0018665 | .002028  | .000728  | .10512   | .0012442 |
| %RSD   | 42.37779 | 19.06767 | 6.098558 | 17.40358 | 36.35996 | .3765698 | 1.033412 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0053605 | -.003157 | .0320069 | -.013490 | -.001188 | 28.03570 | .1218311 |
| #2 | .0021374 | -.002968 | .0284868 | -.009476 | -.002230 | 27.87531 | .1196005 |
| #3 | .0039357 | -.002165 | .0313228 | -.011984 | -.002591 | 27.83778 | .1197605 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013346 | -.000806 | 203.2928 | .0355586 | .0141737 | .0638923 | 30.45526 |
| Stddev | .0000796 | .000071  | .7837    | .0003177 | .0000915 | .0000781 | .14620   |
| %RSD   | 5.967040 | 8.856277 | .3855017 | .8935379 | .6454019 | .1222783 | .4800552 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0012969 | -.000887 | 204.1670 | .0352587 | .0140816 | .0638194 | 30.34043 |
| #2 | .0012808 | -.000753 | 202.6531 | .0358916 | .0142646 | .0639748 | 30.61985 |
| #3 | .0014261 | -.000778 | 203.0584 | .0355254 | .0141750 | .0638828 | 30.40549 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6833721 | 12.03412 | .0353435 | .0010650 | 1.874172 | .0571271 | .0636998 |
| Stddev | .0029675 | .06958   | .0001625 | .0001424 | .024191  | .0013015 | .0005246 |
| %RSD   | .4342381 | .5782053 | .4597677 | 13.37390 | 1.290733 | 2.278293 | .8235827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6861240 | 12.10262 | .0355018 | .0011934 | 1.861497 | .0586281 | .0631250 |
| #2 | .6802281 | 11.96350 | .0353515 | .0009118 | 1.902066 | .0564406 | .0638215 |
| #3 | .6837642 | 12.03623 | .0351771 | .0010898 | 1.858953 | .0563125 | .0641529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.481377 | .0721915 | .0004066 | -.004508 | 1.178967 | 1.553171 | 1.355197 |
| Stddev | .031047  | .0004035 | .0003017 | .000317  | .007460  | .007803  | .006992  |
| %RSD   | .4790153 | .5589586 | 74.19556 | 7.026393 | .6327283 | .5024138 | .5159454 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.462577 | .0726480 | .0006840 | -.004413 | 1.187581 | 1.555928 | 1.347943 |
| #2 | 6.517212 | .0720443 | .0000854 | -.004861 | 1.174624 | 1.544363 | 1.355754 |
| #3 | 6.464342 | .0718823 | .0004504 | -.004250 | 1.174697 | 1.559221 | 1.361894 |

Sample Name: Q1754-03LX5      Acquired: 4/10/2025 13:16:41      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 2.082080 | -.002710 | 1.141462 |
| Stddev | .004215  | .001010  | .014580  |
| %RSD   | .2024526 | 37.27686 | 1.277335 |
| #1     | 2.077280 | -.003065 | 1.153908 |
| #2     | 2.085176 | -.003495 | 1.125420 |
| #3     | 2.083786 | -.001570 | 1.145057 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3040.778 | 74654.48 | 13926.97 | 1986.081 | 4649.262 |
| Stddev    | 6.789    | 440.70   | 59.85    | 9.658    | 10.700   |
| %RSD      | .2232700 | .5903129 | .4297288 | .4862753 | .2301435 |
| #1        | 3045.899 | 75163.05 | 13893.96 | 1997.159 | 4658.138 |
| #2        | 3043.359 | 74385.16 | 13996.05 | 1979.437 | 4652.266 |
| #3        | 3033.077 | 74415.22 | 13890.89 | 1981.646 | 4637.381 |



Sample Name: Q1754-03A      Acquired: 4/10/2025 13:29:40      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7604654 | 1.730631 | 1.021775 | 1.722692 | .7461294 | 133.7819 |
| Stddev | .0088386 | .018328  | .003926  | .011819  | .0050413 | .7121    |
| %RSD   | 1.162266 | 1.059062 | .3842789 | .6860774 | .6756608 | .5322708 |
| #1     | .7568982 | 1.712280 | 1.020360 | 1.710646 | .7422118 | 133.1213 |
| #2     | .7539678 | 1.730677 | 1.018753 | 1.723158 | .7443593 | 133.6884 |
| #3     | .7705302 | 1.748937 | 1.026213 | 1.734270 | .7518170 | 134.5362 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7981671 | .1638248 | .1802954 | 929.6730 | .5000912 | .2549558 |
| Stddev | .0032452 | .0004687 | .0017601 | 8.3884   | .0006802 | .0021778 |
| %RSD   | .4065761 | .2861043 | .9762405 | .9022947 | .1360119 | .8541668 |
| #1     | .7944967 | .1633649 | .1790277 | 925.9078 | .4993829 | .2533570 |
| #2     | .8006561 | .1638077 | .1795535 | 923.8269 | .5007393 | .2540742 |
| #3     | .7993484 | .1643018 | .1823050 | 939.2843 | .5001515 | .2574361 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5258475 | 155.5728 | 3.261713 | 56.81695 | .6296309 | .0752627 |
| Stddev | .0029323 | .2963    | .012773  | .18599   | .0050726 | .0004991 |
| %RSD   | .5576272 | .1904756 | .3915956 | .3273582 | .8056451 | .6631981 |
| #1     | .5249942 | 155.5867 | 3.248849 | 56.60663 | .6258506 | .0748033 |
| #2     | .5234366 | 155.8620 | 3.274392 | 56.88444 | .6276464 | .0751911 |
| #3     | .5291118 | 155.2698 | 3.261898 | 56.95978 | .6353958 | .0757938 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.87821 | .5087497 | .4890540 | 47.25378 | .5926228 | .3574507 |
| Stddev | .04528   | .0041499 | .0006360 | .06733   | .0013004 | .0012227 |
| %RSD   | .3262463 | .8156988 | .1300574 | .1424883 | .2194284 | .3420678 |
| #1     | 13.84044 | .5039723 | .4884994 | 47.17742 | .5918999 | .3571757 |
| #2     | 13.86581 | .5114599 | .4897483 | 47.30462 | .5918446 | .3563890 |
| #3     | 13.92840 | .5108170 | .4889143 | 47.27930 | .5941241 | .3587876 |

Sample Name: Q1754-03A      Acquired: 4/10/2025 13:29:40      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6491773 | 5.602191 | 9.555572 | F 13.01928 | F 10.86209 | .1979933 |
| Stddev | .0038727 | .022388  | .057303  | .10184     | .07381     | .0010198 |
| %RSD   | .5965528 | .3996314 | .5996806 | .7822139   | .6794937   | .5150839 |
| #1     | .6474472 | 5.576722 | 9.497132 | 12.94150   | 10.81296   | .1974672 |
| #2     | .6464713 | 5.611088 | 9.557918 | 12.98180   | 10.82635   | .1991687 |
| #3     | .6536135 | 5.618764 | 9.611665 | 13.13455   | 10.94696   | .1973439 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.523581 |
| Stddev | .072608  |
| %RSD   | 1.314509 |
| #1     | 5.489513 |
| #2     | 5.606958 |
| #3     | 5.474271 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2968.349 | 72181.27 | 15052.98 | 1940.100 | 4015.536 |
| Stddev    | 12.422   | 25.68    | 36.42    | 7.934    | 24.042   |
| %RSD      | .4184935 | .0355770 | .2419671 | .4089300 | .5987144 |
| #1        | 2978.656 | 72201.90 | 15090.86 | 1948.283 | 4035.441 |
| #2        | 2971.834 | 72189.40 | 15049.87 | 1939.575 | 4022.342 |
| #3        | 2954.556 | 72152.51 | 15018.21 | 1932.442 | 3988.825 |

Sample Name: Q1715-01DUP      Acquired: 4/10/2025 13:33:56      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000556 | -.008979 | -.000925 | .0043815 | -.002889 | 16.49535 |
| Stddev | .001456  | .001012  | .000880  | .0015784 | .002387  | .02163   |
| %RSD   | 262.0591 | 11.27639 | 95.06192 | 36.02562 | 82.61202 | .1311169 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001290 | -.008392 | -.000173 | .0049076 | -.004357 | 16.51691 |
| #2 | .001121  | -.010148 | -.001893 | .0056296 | -.004176 | 16.49547 |
| #3 | -.001498 | -.008397 | -.000710 | .0026071 | -.000135 | 16.47366 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.009467 | -.000060 | -.000224 | 10.23837 | .9480934 | .0102482 |
| Stddev | .000226  | .000063  | .000147  | .04653   | .0022108 | .0001009 |
| %RSD   | 2.387814 | 104.6281 | 65.60223 | .4544432 | .2331859 | .9848316 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009209 | -.000037 | -.000311 | 10.27355 | .9468355 | .0103035 |
| #2 | -.009631 | -.000012 | -.000054 | 10.25595 | .9506461 | .0101317 |
| #3 | -.009560 | -.000131 | -.000306 | 10.18562 | .9467985 | .0103094 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0211439 | .5230362 | .0119327 | 2.232853 | .0371260 | .0004421 |
| Stddev | .0003876 | .0037059 | .0003124 | .007037  | .0003425 | .0001233 |
| %RSD   | 1.833099 | .7085363 | 2.618018 | .3151382 | .9225378 | 27.89720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215429 | .5201733 | .0121919 | 2.240882 | .0369353 | .0005775 |
| #2 | .0207689 | .5217134 | .0120203 | 2.229919 | .0369213 | .0004126 |
| #3 | .0211198 | .5272220 | .0115858 | 2.227758 | .0375214 | .0003362 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1845.649 | -.000450 | 1.244628 | 185.3652 | 5.833027 | .0411036 |
| Stddev | 12.755     | .001616  | .006527  | 1.3927   | .041642  | .0001553 |
| %RSD   | .6910667   | 359.4553 | .5244000 | .7513134 | .7138999 | .3778720 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1856.876 | -.002129 | 1.249912 | 185.3057 | 5.845383 | .0412824 |
| #2 | 1848.289 | .001095  | 1.246642 | 184.0032 | 5.867092 | .0410256 |
| #3 | 1831.780 | -.000315 | 1.237332 | 186.7867 | 5.786605 | .0410027 |

Sample Name: Q1715-01DUP      Acquired: 4/10/2025 13:33:56      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0391927 | .0017970 | .7682323 | 5.319044 | F 836.2307 | -.001166 |
| Stddev | .0004737 | .0003590 | .0076720 | .003374  | 2.1030     | .000335  |
| %RSD   | 1.208574 | 19.97606 | .9986588 | .0634248 | .2514874   | 28.68890 |
| #1     | .0387540 | .0016338 | .7698012 | 5.317007 | 838.5175   | -.001302 |
| #2     | .0391290 | .0022086 | .7598971 | 5.317188 | 834.3798   | -.000785 |
| #3     | .0396950 | .0015487 | .7749986 | 5.322938 | 835.7947   | -.001411 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0453370 |
| Stddev | .0002221 |
| %RSD   | .4898769 |
| #1     | .0455490 |
| #2     | .0451060 |
| #3     | .0453561 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2651.582 | 63643.03 | 13451.62 | 1714.613 | 3854.416 |
| Stddev    | 7.188    | 101.50   | 99.71    | 10.233   | 7.718    |
| %RSD      | .2710955 | .1594786 | .7412671 | .5968259 | .2002442 |
| #1        | 2658.234 | 63585.00 | 13373.11 | 1703.387 | 3862.701 |
| #2        | 2643.956 | 63760.23 | 13417.94 | 1723.421 | 3853.118 |
| #3        | 2652.557 | 63583.86 | 13563.81 | 1717.030 | 3847.429 |

Sample Name: Q1715-01LX5      Acquired: 4/10/2025 13:38:17      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0003485 | -.003793 | -.001514 | -.001568 | -.001452 | 3.325653 |
| Stddev | .0019904 | .000976  | .001046  | .000964  | .001103  | .010394  |
| %RSD   | 571.1585 | 25.73355 | 69.05894 | 61.49269 | 75.98451 | .3125548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0025081 | -.004364 | -.000787 | -.000456 | -.001509 | 3.333058 |
| #2 | -.001412 | -.004349 | -.001043 | -.002089 | -.000321 | 3.330131 |
| #3 | -.000050 | -.002666 | -.002712 | -.002160 | -.002525 | 3.313770 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011263 | -.000041 | -.000170 | 2.118751 | .1944825 | .0016630 |
| Stddev | .000666  | .000043  | .000066  | .006203  | .0003974 | .0003869 |
| %RSD   | 5.912923 | 105.9071 | 38.53198 | .2927855 | .2043324 | 23.26189 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.011676 | -.000058 | -.000245 | 2.115321 | .1947451 | .0019736 |
| #2 | -.010495 | .000008  | -.000124 | 2.115019 | .1940254 | .0017857 |
| #3 | -.011618 | -.000073 | -.000141 | 2.125912 | .1946772 | .0012297 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043826 | .1102356 | .0000833 | .4590098 | .0072149 | .0005846 |
| Stddev | .0001967 | .0030422 | .0002400 | .0056678 | .0002211 | .0001590 |
| %RSD   | 4.488253 | 2.759717 | 288.0652 | 1.234777 | 3.064522 | 27.19983 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0042827 | .1067994 | .0003377 | .4655334 | .0069623 | .0005213 |
| #2 | .0046092 | .1113218 | .0000514 | .4562004 | .0073089 | .0007655 |
| #3 | .0042559 | .1125856 | -.000139 | .4552955 | .0073734 | .0004670 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 420.1929 | -.001398 | .2428415 | 37.83285 | 1.196743 | .0078096 |
| Stddev | 2.2153   | .000945  | .0004437 | .07044   | .002888  | .0000421 |
| %RSD   | .5272171 | 67.61129 | .1827078 | .1861973 | .2413066 | .5395924 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 418.5407 | -.002489 | .2433233 | 37.87872 | 1.193750 | .0078183 |
| #2 | 422.7102 | -.000852 | .2427516 | 37.75174 | 1.199512 | .0077638 |
| #3 | 419.3277 | -.000852 | .2424497 | 37.86809 | 1.196968 | .0078467 |

Sample Name: Q1715-01LX5      Acquired: 4/10/2025 13:38:17      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0071603 | .0016313 | .1707250 | .9914009 | F 192.0485 | .0048801 |
| Stddev | .0005157 | .0000851 | .0011849 | .0034099 | 1.3237     | .0008097 |
| %RSD   | 7.201845 | 5.217004 | .6940588 | .3439442 | .6892391   | 16.59213 |
| #1     | .0071346 | .0015851 | .1706764 | .9930494 | 193.3545   | .0056968 |
| #2     | .0076883 | .0015792 | .1695651 | .9936733 | 192.0830   | .0040776 |
| #3     | .0066579 | .0017295 | .1719335 | .9874800 | 190.7079   | .0048659 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0093607 |
| Stddev | .0000567 |
| %RSD   | .6058527 |
| #1     | .0093015 |
| #2     | .0094146 |
| #3     | .0093661 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2941.862 | 70862.32 | 15842.39 | 1901.641 | 4502.864 |
| Stddev    | 15.864   | 151.74   | 50.00    | 10.412   | 19.916   |
| %RSD      | .5392365 | .2141351 | .3155949 | .5475202 | .4423056 |
| #1        | 2925.555 | 70995.91 | 15898.63 | 1912.820 | 4484.128 |
| #2        | 2942.789 | 70893.72 | 15802.97 | 1892.219 | 4500.682 |
| #3        | 2957.242 | 70697.34 | 15825.58 | 1899.885 | 4523.781 |

Sample Name: Q1745-04      Acquired: 4/10/2025 13:42:39      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.008113 | -.007856 | .3491737 | .0024441 | .0023363 | .0184489 | .3488877 |
| Stddev | .002191  | .002048  | .0003568 | .0017792 | .0012577 | .0006032 | .0035717 |
| %RSD   | 27.00165 | 26.07320 | .1021707 | 72.79482 | 53.83390 | 3.269397 | 1.023741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.008604 | -.006172 | .3489358 | .0006857 | .0036015 | .0191252 | .3479322 |
| #2 | -.010016 | -.010136 | .3495839 | .0042433 | .0023211 | .0182546 | .3528400 |
| #3 | -.005718 | -.007260 | .3490014 | .0024033 | .0010862 | .0179668 | .3458909 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000207 | .0049639 | 24.65675 | -.000565 | .0072588 | 3.234120 | .0740941 |
| Stddev | .0000236 | .0000958 | .21643   | .000044  | .0002479 | .012305  | .0026887 |
| %RSD   | 114.3184 | 1.930421 | .8777811 | 7.840456 | 3.415349 | .3804874 | 3.628746 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000006 | .0049084 | 24.66507 | -.000609 | .0069840 | 3.221612 | .0769519 |
| #2 | .000031  | .0049087 | 24.86891 | -.000565 | .0074656 | 3.246213 | .0737160 |
| #3 | .000037  | .0050745 | 24.43628 | -.000521 | .0073268 | 3.234535 | .0716145 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7007293 | 1.432744 | .0573981 | .0004870 | 323.3304 | -.001213 | 4.215091 |
| Stddev | .0058971 | .015588  | .0002250 | .0003410 | 4.7303   | .001469  | .009331  |
| %RSD   | .8415690 | 1.087995 | .3920460 | 70.00639 | 1.462994 | 121.0446 | .2213652 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6990403 | 1.445234 | .0572946 | .0007173 | 317.9052 | .000410  | 4.218086 |
| #2 | .7072866 | 1.437723 | .0572433 | .0006485 | 325.4942 | -.002451 | 4.204631 |
| #3 | .6958609 | 1.415274 | .0576562 | .0000953 | 326.5919 | -.001599 | 4.222557 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.489369 | .0448351 | -.000743 | .0008751 | .0007620 | .6181892 | .0029093 |
| Stddev | .021234  | .0009721 | .000338  | .0008852 | .0001349 | .0032968 | .0017302 |
| %RSD   | 1.425709 | 2.168263 | 45.56966 | 101.1546 | 17.70237 | .5333028 | 59.47360 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.465200 | .0452531 | -.000778 | .0014414 | .0009142 | .6180879 | .0016842 |
| #2 | 1.497879 | .0455284 | -.000388 | -.000145 | .0007149 | .6149442 | .0021550 |
| #3 | 1.505028 | .0437239 | -.001062 | .001329  | .0006570 | .6215355 | .0048886 |

Sample Name: Q1745-04      Acquired: 4/10/2025 13:42:39      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .8978479 | -.004534 | .1202925 |
| Stddev | .0067091 | .000148  | .0011879 |
| %RSD   | .7472401 | 3.257965 | .9875483 |
| #1     | .8901135 | -.004608 | .1198088 |
| #2     | .9020976 | -.004630 | .1216460 |
| #3     | .9013326 | -.004364 | .1194228 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2973.053 | 72223.64 | 14306.26 | 1959.118 | 4584.181 |
| Stddev    | 10.360   | 139.26   | 126.59   | 7.381    | 16.922   |
| %RSD      | .3484600 | .1928157 | .8848248 | .3767259 | .3691386 |
| #1        | 2981.763 | 72213.88 | 14245.85 | 1957.335 | 4603.417 |
| #2        | 2961.596 | 72367.52 | 14221.19 | 1967.226 | 4571.592 |
| #3        | 2975.799 | 72089.51 | 14451.73 | 1952.792 | 4577.534 |



Sample Name: Q1745-12      Acquired: 4/10/2025 13:47:02      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.007139 | -.007113 | .1770749 | .0025860 | .0026521 | -.008568 | .1534269 |
| Stddev | .003270  | .001181  | .0015723 | .0019072 | .0014447 | .007171  | .0010902 |
| %RSD   | 45.79933 | 16.60093 | .8879214 | 73.75344 | 54.47585 | 83.68890 | .7105403 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.009721 | -.006408 | .1780081 | .0009315 | .0009899 | -.002300 | .1534540 |
| #2 | -.008234 | -.008476 | .1779569 | .0021544 | .0033602 | -.016387 | .1545032 |
| #3 | -.003463 | -.006455 | .1752596 | .0046720 | .0036061 | -.007017 | .1523234 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000121 | .0022175 | 98.29282 | .0060345 | .0105148 | .0581473 | .1533704 |
| Stddev | .000017  | .0001190 | .16192   | .0003555 | .0002165 | .0005300 | .0019987 |
| %RSD   | 14.24549 | 5.366553 | .1647280 | 5.890801 | 2.058995 | .9115360 | 1.303163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000124 | .0020841 | 98.11032 | .0057854 | .0102770 | .0581401 | .1540800 |
| #2 | -.000137 | .0023128 | 98.41924 | .0064416 | .0107004 | .0586809 | .1549174 |
| #3 | -.000103 | .0022555 | 98.34891 | .0058766 | .0105671 | .0576209 | .1511137 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.203075 | 3.060189 | .0755974 | .0001906 | 380.4688 | -.000870 | 1.230968 |
| Stddev | .004302  | .033534  | .0005691 | .0002757 | .3989    | .002181  | .002230  |
| %RSD   | .3576087 | 1.095803 | .7528448 | 144.6488 | .1048380 | 250.6874 | .1811807 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.199227 | 3.030836 | .0759097 | -.000111 | 380.0569 | -.000862 | 1.229039 |
| #2 | 1.207720 | 3.052996 | .0759422 | .000253  | 380.4964 | -.003055 | 1.233410 |
| #3 | 1.202278 | 3.096736 | .0749405 | .000430  | 380.8532 | .001307  | 1.230454 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.282840 | .0569115 | .0002953 | -.004274 | -.001535 | .9807150 | .0033474 |
| Stddev | .049390  | .0008449 | .0001764 | .000671  | .000452  | .0079264 | .0019353 |
| %RSD   | .6781722 | 1.484645 | 59.74706 | 15.70110 | 29.48085 | .8082315 | 57.81370 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.305061 | .0578349 | .0004340 | -.005000 | -.001813 | .9857032 | .0017908 |
| #2 | 7.317216 | .0561770 | .0003551 | -.003677 | -.001013 | .9848667 | .0027372 |
| #3 | 7.226243 | .0567226 | .0000967 | -.004145 | -.001778 | .9715751 | .0055142 |

Sample Name: Q1745-12      Acquired: 4/10/2025 13:47:02      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1:      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 8.407517 | .0268069 | .3557818 |
| Stddev | .021464  | .0011680 | .0006439 |
| %RSD   | .2552929 | 4.357176 | .1809804 |
| #1     | 8.426101 | .0281531 | .3563051 |
| #2     | 8.412426 | .0260615 | .3559775 |
| #3     | 8.384024 | .0262063 | .3550628 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2928.747 | 72308.85 | 14553.37 | 1950.440 | 4452.487 |
| Stddev    | 6.150    | 32.10    | 34.04    | 7.980    | 10.499   |
| %RSD      | .2099891 | .0443910 | .2338798 | .4091247 | .2357947 |
| #1        | 2924.604 | 72343.25 | 14561.29 | 1946.141 | 4446.200 |
| #2        | 2925.824 | 72303.58 | 14582.75 | 1945.531 | 4446.654 |
| #3        | 2935.814 | 72279.71 | 14516.07 | 1959.647 | 4464.607 |

Sample Name: CCV04      Acquired: 4/10/2025 13:51:25      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.875554 | 4.979611 | 4.762253 | 4.959153 | 5.043739 | 9.988176 |
| Stddev | .021413  | .031229  | .010380  | .013895  | .008710  | .015243  |
| %RSD   | .4391835 | .6271396 | .2179662 | .2801878 | .1726850 | .1526073 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.882252 | 4.944104 | 4.755172 | 4.954726 | 5.038977 | 9.998552 |
| #2 | 4.851593 | 4.991912 | 4.757418 | 4.948011 | 5.038450 | 9.970676 |
| #3 | 4.892816 | 5.002815 | 4.774168 | 4.974722 | 5.053792 | 9.995301 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.603583 | .2389479 | 2.377172 | 24.16086 | 1.024853 | 2.488995 |
| Stddev | .031214  | .0008488 | .006474  | .09195   | .003535  | .006088  |
| %RSD   | .3250219 | .3552440 | .2723601 | .3805863 | .3449733 | .2445829 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.581681 | .2393370 | 2.375409 | 24.25398 | 1.021163 | 2.490728 |
| #2 | 9.589745 | .2379742 | 2.371761 | 24.07012 | 1.025185 | 2.482229 |
| #3 | 9.639324 | .2395324 | 2.384345 | 24.15847 | 1.028210 | 2.494029 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.290233 | 4.982074 | 2.377575 | 24.41826 | 2.504217 | 1.274795 |
| Stddev | .003713  | .020752  | .012668  | .07881   | .006491  | .002321  |
| %RSD   | .2878074 | .4165306 | .5328214 | .3227299 | .2591953 | .1820583 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.292210 | 4.961969 | 2.390148 | 24.39995 | 2.503511 | 1.272463 |
| #2 | 1.285949 | 5.003417 | 2.364813 | 24.35021 | 2.498108 | 1.277105 |
| #3 | 1.292539 | 4.980837 | 2.377762 | 24.50460 | 2.511032 | 1.274818 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.42188 | 2.452780 | 2.567442 | 25.35928 | 4.792520 | 5.030539 |
| Stddev | .12313   | .010518  | .006251  | .06483   | .029760  | .013853  |
| %RSD   | .4660248 | .4288042 | .2434542 | .2556389 | .6209654 | .2753697 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.35951 | 2.459517 | 2.571466 | 25.33035 | 4.811325 | 5.030369 |
| #2 | 26.56372 | 2.440660 | 2.570619 | 25.43354 | 4.758209 | 5.016773 |
| #3 | 26.34242 | 2.458162 | 2.560241 | 25.31396 | 4.808026 | 5.044476 |

Sample Name: CCV04      Acquired: 4/10/2025 13:51:25      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.846730 | 4.681728 | F 5.983082 | 4.915531 | 4.742605 | 4.677474 |
| Stddev | .014895  | .009377  | .048700    | .006597  | .018935  | .012185  |
| %RSD   | .3073239 | .2002829 | .8139626   | .1342095 | .3992508 | .2605005 |
| #1     | 4.839076 | 4.692480 | 5.929066   | 4.914587 | 4.730197 | 4.688623 |
| #2     | 4.837218 | 4.675247 | 5.996545   | 4.909457 | 4.733220 | 4.679333 |
| #3     | 4.863896 | 4.677457 | 6.023634   | 4.922549 | 4.764400 | 4.664467 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.698606 |
| Stddev | .018104  |
| %RSD   | .3853030 |
| #1     | 4.712891 |
| #2     | 4.704681 |
| #3     | 4.678246 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3135.616 | 75100.96 | 13895.98 | 2021.083 | 4873.627 |
| Stddev    | 8.532    | 155.83   | 68.17    | 4.989    | 10.666   |
| %RSD      | .2721042 | .2074888 | .4905717 | .2468357 | .2188596 |
| #1        | 3129.462 | 75264.61 | 13854.35 | 2015.507 | 4867.838 |
| #2        | 3145.356 | 75083.89 | 13974.65 | 2022.620 | 4885.936 |
| #3        | 3132.030 | 74954.37 | 13858.94 | 2025.122 | 4867.106 |

Sample Name: CCB04      Acquired: 4/10/2025 13:55:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0022062 | -.001282 | -.000145 | -.002847 | .0000276 | -.004866 | -.008262 |
| Stddev | .0005662 | .000758  | .000332  | .000136  | .0020444 | .003110  | .000550  |
| %RSD   | 25.66338 | 59.11046 | 228.8995 | 4.764205 | 7418.810 | 63.91271 | 6.651056 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0015524 | -.000487 | -.000006 | -.002830 | .0023514 | -.001488 | -.008829 |
| #2 | .0025324 | -.001996 | .000095  | -.002720 | -.000775 | -.005500 | -.007732 |
| #3 | .0025338 | -.001362 | -.000524 | -.002990 | -.001494 | -.007610 | -.008227 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000468 | .0000105 | -.017397 | .0000700 | -.000002 | .0000692 | -.006876 |
| Stddev | .0000233 | .0000607 | .005989  | .0001029 | .000200  | .0000890 | .004667  |
| %RSD   | 49.79965 | 579.2829 | 34.42307 | 147.0358 | 8033.362 | 128.6063 | 67.87367 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000614 | .0000805 | -.011240 | -.000047 | .000181  | .0000148 | -.008169 |
| #2 | .0000199 | -.000028 | -.023201 | .000112  | .000027  | .0000209 | -.010760 |
| #3 | .0000591 | -.000021 | -.017750 | .000145  | -.000216 | .0001720 | -.001699 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003636 | -.016177 | -.000288 | .0007468 | .0030245 | -.001646 | -.002024 |
| Stddev | .000120  | .012332  | .000025  | .0002937 | .0021971 | .001257  | .000058  |
| %RSD   | 3.291854 | 76.23175 | 8.840193 | 39.32008 | 72.64303 | 76.37534 | 2.851549 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003541 | -.026898 | -.000259 | .0009367 | .0045106 | -.000257 | -.001972 |
| #2 | -.003598 | -.018931 | -.000308 | .0004086 | .0005008 | -.002705 | -.002086 |
| #3 | -.003770 | -.002700 | -.000297 | .0008951 | .0040622 | -.001976 | -.002014 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.093940 | -.001696 | .0002482 | -.000681 | .0018172 | .0074351 | -.001894 |
| Stddev | .028683  | .000407  | .0000569 | .000426  | .0003185 | .0087410 | .002712  |
| %RSD   | 30.53270 | 23.99789 | 22.91438 | 62.64281 | 17.52543 | 117.5649 | 143.2114 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.126844 | -.002119 | .0001865 | -.000444 | .0015597 | .0173462 | -.003285 |
| #2 | -.074219 | -.001663 | .0002596 | -.000425 | .0021734 | .0041326 | .001232  |
| #3 | -.080758 | -.001307 | .0002985 | -.001173 | .0017186 | .0008264 | -.003628 |

Sample Name: CCB04      Acquired: 4/10/2025 13:55:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0044712 | -.001779 | -.000222 |
| Stddev | .0029106 | .000429  | .000048  |
| %RSD   | 65.09599 | 24.14204 | 21.44138 |
| #1     | .0074486 | -.002045 | -.000197 |
| #2     | .0043327 | -.001283 | -.000278 |
| #3     | .0016324 | -.002007 | -.000193 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3237.444 | 77585.93 | 15167.90 | 2084.352 | 5421.033 |
| Stddev    | 2.556    | 264.39   | 38.30    | 13.112   | 7.747    |
| %RSD      | .0789385 | .3407740 | .2524865 | .6290674 | .1429064 |
| #1        | 3235.749 | 77353.56 | 15124.38 | 2083.858 | 5417.795 |
| #2        | 3240.383 | 77873.59 | 15196.46 | 2097.703 | 5429.874 |
| #3        | 3236.199 | 77530.63 | 15182.87 | 2071.493 | 5415.431 |

Sample Name: Q1715-01MS      Acquired: 4/10/2025 13:59:55      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7364156   | 1.532758 | .7835984 | 1.931032 | .5618590 | 17.74489 |
| Stddev | .0040801   | .014362  | .0025428 | .006108  | .0041439 | .01393   |
| %RSD   | .5540423   | .9369950 | .3245073 | .3163181 | .7375267 | .0784954 |
| #1     | .7372461   | 1.549040 | .7808507 | 1.931383 | .5628436 | 17.74933 |
| #2     | .7319841   | 1.521892 | .7858687 | 1.924756 | .5573115 | 17.72929 |
| #3     | .7400165   | 1.527340 | .7840758 | 1.936957 | .5654219 | 17.75606 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1456819   | .1415568 | .1709481 | 10.78888 | 1.238268 | .1809785 |
| Stddev | .0013062   | .0002919 | .0001621 | .03928   | .005590  | .0010721 |
| %RSD   | .8966028   | .2062308 | .0948275 | .3641206 | .4514402 | .5923816 |
| #1     | .1446298   | .1417827 | .1708421 | 10.74414 | 1.242811 | .1803980 |
| #2     | .1452721   | .1416606 | .1708675 | 10.81773 | 1.239969 | .1803218 |
| #3     | .1471439   | .1412272 | .1711347 | 10.80478 | 1.232025 | .1822156 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2596378   | 3.345660 | .1715771 | 3.646682 | .4629158 | .0703737 |
| Stddev | .0023724   | .032374  | .0007250 | .033125  | .0007766 | .0006234 |
| %RSD   | .9137281   | .9676386 | .4225327 | .9083490 | .1677565 | .8858332 |
| #1     | .2589863   | 3.308625 | .1708322 | 3.609277 | .4634547 | .0700701 |
| #2     | .2576592   | 3.359776 | .1716186 | 3.658463 | .4620257 | .0710907 |
| #3     | .2622679   | 3.368579 | .1722804 | 3.672305 | .4632670 | .0699603 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1896.988 | .2403410 | 1.368096 | 200.5823 | 5.490068 | .3081928 |
| Stddev | 9.041      | .0023107 | .008677  | .7434    | .006961  | .0016007 |
| %RSD   | .4765953   | .9614423 | .6342617 | .3706427 | .1267932 | .5193710 |
| #1     | 1886.563   | .2407060 | 1.358258 | 199.8521 | 5.495454 | .3080761 |
| #2     | 1902.670   | .2424474 | 1.371368 | 200.5565 | 5.482207 | .3066537 |
| #3     | 1901.732   | .2378694 | 1.374661 | 201.3383 | 5.492541 | .3098487 |

Sample Name: Q1715-01MS      Acquired: 4/10/2025 13:59:55      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .4839587 | .1214783 | 1.394477 | F 10.75191 | F 817.7367 | .1808592 |
| Stddev | .0007663 | .0004799 | .007993  | .04789     | 2.0956     | .0009515 |
| %RSD   | .1583459 | .3950360 | .5731573 | .4454290   | .2562712   | .5261123 |
| #1     | .4848322 | .1218789 | 1.385291 | 10.77075   | 819.4724   | .1807332 |
| #2     | .4833993 | .1209465 | 1.398291 | 10.69746   | 815.4087   | .1799769 |
| #3     | .4836447 | .1216096 | 1.399848 | 10.78752   | 818.3290   | .1818674 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2064297 |
| Stddev | .0008341 |
| %RSD   | .4040491 |
| #1     | .2057627 |
| #2     | .2061616 |
| #3     | .2073649 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2674.416 | 65014.18 | 14301.12 | 1720.102 | 3873.812 |
| Stddev    | 12.822   | 85.72    | 44.78    | 7.993    | 10.226   |
| %RSD      | .4794317 | .1318443 | .3131527 | .4646882 | .2639753 |
| #1        | 2667.981 | 64916.93 | 14254.64 | 1729.133 | 3868.881 |
| #2        | 2689.181 | 65046.86 | 14304.72 | 1717.235 | 3885.569 |
| #3        | 2666.086 | 65078.76 | 14343.99 | 1713.938 | 3866.985 |



Sample Name: Q1715-01MSD      Acquired: 4/10/2025 14:07:00      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7265332 | 1.512685 | .7846566 | 1.904253 | .5515046 | 17.63978 |
| Stddev | .0061081 | .016386  | .0044277 | .003255  | .0025573 | .02619   |
| %RSD   | .8407218 | 1.083224 | .5642845 | .1709121 | .4636884 | .1484777 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7209149 | 1.503338 | .7828572 | 1.902414 | .5499347 | 17.65516 |
| #2 | .7330349 | 1.503111 | .7814120 | 1.902334 | .5501237 | 17.60954 |
| #3 | .7256497 | 1.531605 | .7897008 | 1.908011 | .5544555 | 17.65463 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1479587 | .1461069 | .1706990 | 10.81071 | 1.239303 | .1808120 |
| Stddev | .0015439 | .0005859 | .0009793 | .04654   | .003526  | .0007001 |
| %RSD   | 1.043440 | .4010153 | .5737175 | .4305022 | .2844907 | .3871855 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1463888 | .1454305 | .1699833 | 10.76496 | 1.237153 | .1801456 |
| #2 | .1480121 | .1464571 | .1702986 | 10.80915 | 1.243372 | .1807489 |
| #3 | .1494752 | .1464331 | .1718150 | 10.85800 | 1.237385 | .1815415 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2589951 | 3.335575 | .1716173 | 3.658208 | .4621891 | .0704360 |
| Stddev | .0014052 | .004379  | .0005559 | .019359  | .0019314 | .0002692 |
| %RSD   | .5425618 | .1312916 | .3239261 | .5291831 | .4178807 | .3821521 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2584575 | 3.340021 | .1720853 | 3.652233 | .4605051 | .0706496 |
| #2 | .2579380 | 3.331266 | .1710028 | 3.679849 | .4617648 | .0705246 |
| #3 | .2605897 | 3.335438 | .1717637 | 3.642540 | .4642973 | .0701337 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1863.082 | .2422608 | 1.365320 | 197.7329 | 5.633063 | .3064643 |
| Stddev | 2.998      | .0010917 | .009597  | .1474    | .024008  | .0011363 |
| %RSD   | .1609148   | .4506423 | .7029081 | .0745648 | .4261932 | .3707684 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1863.608 | .2421440 | 1.359647 | 197.6806 | 5.616272 | .3054364 |
| #2 | 1859.855 | .2434063 | 1.376401 | 197.6188 | 5.660562 | .3062720 |
| #3 | 1865.782 | .2412322 | 1.359914 | 197.8994 | 5.622356 | .3076844 |

Sample Name: Q1715-01MSD      Acquired: 4/10/2025 14:07:00      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .4815134 | .1216073 | 1.356323 | F 10.84543 | F 819.2797 | .1801431 |
| Stddev | .0016710 | .0006348 | .007604  | .06321     | 3.8290     | .0008685 |
| %RSD   | .3470368 | .5219944 | .5606171 | .5827888   | .4673609   | .4821006 |
| #1     | .4812093 | .1218891 | 1.348547 | 10.79932   | 816.9023   | .1801223 |
| #2     | .4800152 | .1208804 | 1.356679 | 10.81950   | 817.2401   | .1792852 |
| #3     | .4833155 | .1220524 | 1.363742 | 10.91748   | 823.6968   | .1810217 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2065215 |
| Stddev | .0003869 |
| %RSD   | .1873376 |
| #1     | .2062912 |
| #2     | .2063051 |
| #3     | .2069682 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2698.868 | 65216.10 | 14135.89 | 1769.199 | 3899.140 |
| Stddev    | 1.813    | 101.28   | 12.15    | 4.535    | 7.004    |
| %RSD      | .0671604 | .1553024 | .0859285 | .2563358 | .1796277 |
| #1        | 2700.919 | 65124.40 | 14142.84 | 1769.581 | 3904.596 |
| #2        | 2698.203 | 65199.08 | 14121.86 | 1764.485 | 3901.581 |
| #3        | 2697.481 | 65324.81 | 14142.96 | 1773.531 | 3891.242 |

Sample Name: Q1715-01A      Acquired: 4/10/2025 14:11:12      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .8319907 | 1.724011 | .8855440 | 2.186949 | .8404016 | 18.03968 |
| Stddev | .0008569 | .014206  | .0024870 | .010607  | .0056058 | .02076   |
| %RSD   | .1029924 | .8240023 | .2808410 | .4850196 | .6670371 | .1150749 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8312182 | 1.722177 | .8838987 | 2.182641 | .8371172 | 18.02092 |
| #2 | .8318414 | 1.739045 | .8884050 | 2.179174 | .8372133 | 18.03613 |
| #3 | .8329124 | 1.710812 | .8843283 | 2.199033 | .8468744 | 18.06198 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1684366 | .1631876 | .1924087 | 11.01701 | 1.293263 | .2022425 |
| Stddev | .0012001 | .0009302 | .0006090 | .05051   | .006024  | .0004791 |
| %RSD   | .7125158 | .5700259 | .3164881 | .4584494 | .4657769 | .2368917 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1673230 | .1623692 | .1918693 | 10.95914 | 1.293263 | .2017846 |
| #2 | .1682790 | .1629943 | .1930690 | 11.05216 | 1.287239 | .2027403 |
| #3 | .1697077 | .1641992 | .1922876 | 11.03975 | 1.299286 | .2022026 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2925142 | 3.753137 | .2078694 | 3.896149 | .5174754 | .0667696 |
| Stddev | .0008536 | .013241  | .0012679 | .026389  | .0021003 | .0010513 |
| %RSD   | .2918073 | .3528055 | .6099379 | .6773102 | .4058730 | 1.574454 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2931453 | 3.741011 | .2065065 | 3.884513 | .5150634 | .0674203 |
| #2 | .2915430 | 3.751136 | .2080879 | 3.877577 | .5184623 | .0673317 |
| #3 | .2928543 | 3.767265 | .2090138 | 3.926356 | .5189004 | .0655568 |

|        |            |          |          |          |          |          |
|--------|------------|----------|----------|----------|----------|----------|
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 1894.418 | .2722241 | 1.410249 | 202.4805 | 5.664449 | .4416959 |
| Stddev | 11.360     | .0024406 | .002802  | .6020    | .024955  | .0006554 |
| %RSD   | .5996718   | .8965353 | .1987125 | .2973329 | .4405484 | .1483813 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1905.617 | .2699614 | 1.407455 | 203.0874 | 5.635674 | .4421426 |
| #2 | 1882.903 | .2719006 | 1.413060 | 201.8835 | 5.677507 | .4409435 |
| #3 | 1894.734 | .2748103 | 1.410232 | 202.4706 | 5.680165 | .4420015 |

Sample Name: Q1715-01A      Acquired: 4/10/2025 14:11:12      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7126780 | .1824752 | 1.796801 | F 11.66698 | F 825.7018 | .2027063 |
| Stddev | .0042134 | .0009159 | .011276  | .04201     | 3.1234     | .0007914 |
| %RSD   | .5912045 | .5019071 | .6275627 | .3601096   | .3782732   | .3904238 |
| #1     | .7078361 | .1831271 | 1.784406 | 11.62329   | 824.2216   | .2033346 |
| #2     | .7155109 | .1814281 | 1.799546 | 11.70709   | 829.2901   | .2018174 |
| #3     | .7146869 | .1828704 | 1.806451 | 11.67058   | 823.5937   | .2029668 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2285868 |
| Stddev | .0006371 |
| %RSD   | .2786893 |
| #1     | .2284385 |
| #2     | .2280370 |
| #3     | .2292849 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2667.284 | 64892.69 | 14237.21 | 1744.002 | 3875.426 |
| Stddev    | 8.038    | 51.26    | 41.04    | 3.477    | 4.229    |
| %RSD      | .3013367 | .0789843 | .2882334 | .1993458 | .1091132 |
| #1        | 2670.126 | 64837.00 | 14284.02 | 1744.079 | 3880.255 |
| #2        | 2673.514 | 64903.18 | 14220.21 | 1740.488 | 3873.631 |
| #3        | 2658.211 | 64937.89 | 14207.42 | 1747.440 | 3872.390 |

Sample Name: Q1744-01      Acquired: 4/10/2025 14:15:22      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0271334 | .0040979 | .2601242 | -.015217 | -.000353 | 81.80127 | .5744161 |
| Stddev | .0010628 | .0020597 | .0017617 | .001139  | .000870  | .09486   | .0017932 |
| %RSD   | 3.916791 | 50.26273 | .6772672 | 7.484554 | 246.6564 | .1159628 | .3121850 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0260018 | .0038292 | .2590299 | -.013966 | -.000050 | 81.72084 | .5723577 |
| #2 | .0281104 | .0021857 | .2591861 | -.015490 | .000326  | 81.90588 | .5756401 |
| #3 | .0272879 | .0062788 | .2621564 | -.016194 | -.001333 | 81.77708 | .5752505 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060466 | -.004868 | 18.65998 | .1504957 | .0710951 | .2243769 | 172.1056 |
| Stddev | .0000523 | .000131  | .05008   | .0011937 | .0001128 | .0014092 | .2509    |
| %RSD   | .8649724 | 2.696132 | .2683962 | .7931791 | .1586394 | .6280432 | .1457898 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0060718 | -.004873 | 18.62174 | .1516811 | .0711641 | .2259408 | 172.2035 |
| #2 | .0060816 | -.004734 | 18.71667 | .1492938 | .0711563 | .2232057 | 171.8206 |
| #3 | .0059865 | -.004996 | 18.64152 | .1505121 | .0709650 | .2239842 | 172.2929 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.625795 | 21.74983 | .1363385 | .0058341 | 1.302000 | .2080318 | .3546357 |
| Stddev | .015351  | .06258   | .0004173 | .0003235 | .009899  | .0024615 | .0006834 |
| %RSD   | .3318602 | .2877389 | .3060913 | 5.545418 | .7603296 | 1.183232 | .1927063 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.608185 | 21.67771 | .1361650 | .0054764 | 1.309600 | .2070244 | .3542910 |
| #2 | 4.632842 | 21.78186 | .1360359 | .0061063 | 1.305595 | .2108372 | .3554228 |
| #3 | 4.636357 | 21.78991 | .1368146 | .0059195 | 1.290805 | .2062338 | .3541933 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.370534 | .2733494 | .0014967 | .0125433 | 2.098264 | 2.096997 | 3.834890 |
| Stddev | .045955  | .0001518 | .0000749 | .0016462 | .003294  | .004481  | .024547  |
| %RSD   | .5490074 | .0555465 | 5.006960 | 13.12373 | .1569998 | .2136672 | .6401095 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 8.320615 | .2732379 | .0015247 | .0127976 | 2.094998 | 2.092473 | 3.855222 |
| #2 | 8.379907 | .2735224 | .0014118 | .0140475 | 2.098208 | 2.097086 | 3.841827 |
| #3 | 8.411079 | .2732880 | .0015536 | .0107848 | 2.101586 | 2.101432 | 3.807620 |

Sample Name: Q1744-01      Acquired: 4/10/2025 14:15:22      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .2917548 | .1728816 | .1527477 |
| Stddev | .0046255 | .0008172 | .0002165 |
| %RSD   | 1.585417 | .4726934 | .1417585 |
| #1     | .2963334 | .1729583 | .1527667 |
| #2     | .2918474 | .1736578 | .1525223 |
| #3     | .2870837 | .1720288 | .1529541 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3374.876 | 82901.61 | 16901.18 | 2179.710 | 4877.649 |
| Stddev    | 3.533    | 308.04   | 67.21    | 13.200   | 4.326    |
| %RSD      | .1046707 | .3715704 | .3976786 | .6056045 | .0886888 |
| #1        | 3377.367 | 82968.44 | 16963.22 | 2192.015 | 4876.681 |
| #2        | 3370.833 | 83170.75 | 16910.55 | 2181.347 | 4873.889 |
| #3        | 3376.429 | 82565.65 | 16829.78 | 2165.767 | 4882.377 |

Sample Name: Q1744-03      Acquired: 4/10/2025 14:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .1053777 | .0064367 | 3.423277 | -.020905 | -.004608 | 128.3374 |
| Stddev | .0010381 | .0024042 | .010420  | .005025  | .000645  | .3129    |
| %RSD   | .9851636 | 37.35203 | .3043721 | 24.03739 | 14.00617 | .2438167 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1048290 | .0046075 | 3.425931 | -.026546 | -.005352 | 128.0469 |
| #2 | .1047291 | .0091598 | 3.432114 | -.016907 | -.004192 | 128.6687 |
| #3 | .1065751 | .0055427 | 3.411788 | -.019264 | -.004281 | 128.2965 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3483010 | .0054501 | -.002631 | 16.98772 | .3006450 | .0598964 |
| Stddev | .0013416 | .0001184 | .000349  | .05512   | .0002897 | .0002120 |
| %RSD   | .3851843 | 2.172655 | 13.28149 | .3244404 | .0963480 | .3539198 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3478738 | .0054652 | -.002292 | 16.96849 | .3004742 | .0597230 |
| #2 | .3498042 | .0055603 | -.002611 | 17.04988 | .3004813 | .0598334 |
| #3 | .3472250 | .0053249 | -.002990 | 16.94480 | .3009794 | .0601327 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1971279 | 244.6933 | 1.446026 | 33.72087 | .1695680 | .0083775 |
| Stddev | .0001960 | .8926    | .007065  | .20834   | .0007784 | .0001893 |
| %RSD   | .0994422 | .3648006 | .4885802 | .6178258 | .4590356 | 2.259529 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1971422 | 244.6404 | 1.446029 | 33.62035 | .1703053 | .0082474 |
| #2 | .1973164 | 243.8283 | 1.453089 | 33.96041 | .1696445 | .0082904 |
| #3 | .1969251 | 245.6112 | 1.438959 | 33.58186 | .1687542 | .0085947 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.581675 | .3745336 | .5575617 | 18.87099 | .4066850 | .0264127 |
| Stddev | .044592  | .0008675 | .0014691 | .11397   | .0037115 | .0002086 |
| %RSD   | .7989068 | .2316143 | .2634935 | .6039461 | .9126145 | .7898596 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 5.558925 | .3755155 | .5559675 | 18.90306 | .4085923 | .0266434 |
| #2 | 5.553047 | .3738712 | .5588610 | 18.74443 | .4024077 | .0262374 |
| #3 | 5.633054 | .3742141 | .5578566 | 18.96550 | .4090549 | .0263572 |

Sample Name: Q1744-03      Acquired: 4/10/2025 14:19:30      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0115365 | 2.215363 | 7.311636 | 8.952090 | F 19.36076 | .3210459 |
| Stddev | .0014604 | .001618  | .063597  | .027301  | .00515     | .0005659 |
| %RSD   | 12.65896 | .0730537 | .8698042 | .3049711 | .0265985   | .1762810 |
| #1     | .0120311 | 2.216210 | 7.246940 | 8.978104 | 19.35643   | .3215778 |
| #2     | .0098930 | 2.216382 | 7.313895 | 8.954505 | 19.36645   | .3204512 |
| #3     | .0126853 | 2.213497 | 7.374074 | 8.923662 | 19.35941   | .3211086 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1237423 |
| Stddev | .0000632 |
| %RSD   | .0510393 |
| #1     | .1237949 |
| #2     | .1237598 |
| #3     | .1236723 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3466.299 | 87519.23 | 18028.52 | 2268.246 | 4680.330 |
| Stddev    | 4.236    | 120.90   | 115.60   | 6.360    | 4.076    |
| %RSD      | .1222179 | .1381373 | .6412062 | .2804082 | .0870848 |
| #1        | 3462.573 | 87624.79 | 18034.90 | 2272.245 | 4675.850 |
| #2        | 3470.907 | 87545.55 | 17909.86 | 2260.912 | 4681.322 |
| #3        | 3465.417 | 87387.34 | 18140.80 | 2271.582 | 4683.819 |



Sample Name: Q1754-03MS      Acquired: 4/10/2025 14:23:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7919265 | 1.755248 | 1.054449 | 1.805413 | .7816330 | 135.9390 |
| Stddev | .0075132 | .011389  | .001531  | .004724  | .0067177 | .1116    |
| %RSD   | .9487236 | .6488714 | .1451557 | .2616713 | .8594507 | .0821273 |
| #1     | .7866609 | 1.766716 | 1.054911 | 1.810356 | .7883000 | 135.9581 |
| #2     | .8005303 | 1.755089 | 1.052741 | 1.804939 | .7748656 | 136.0398 |
| #3     | .7885882 | 1.743939 | 1.055696 | 1.800943 | .7817335 | 135.8190 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7964195 | .1742050 | .1875120 | 922.4096 | .5071643 | .2612439 |
| Stddev | .0030029 | .0009075 | .0001549 | 2.8710   | .0019577 | .0005950 |
| %RSD   | .3770496 | .5209227 | .0825793 | .3112492 | .3860033 | .2277432 |
| #1     | .7976145 | .1731827 | .1876119 | 920.0586 | .5076416 | .2611020 |
| #2     | .7986409 | .1749153 | .1875904 | 925.6093 | .5050121 | .2607326 |
| #3     | .7930031 | .1745170 | .1873336 | 921.5610 | .5088391 | .2618969 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5439062 | 149.7880 | 3.271229 | 57.22177 | .6473487 | .0762766 |
| Stddev | .0028204 | .5244    | .011243  | .13069   | .0005973 | .0001802 |
| %RSD   | .5185530 | .3501241 | .3436922 | .2283838 | .0922760 | .2362950 |
| #1     | .5443184 | 150.3773 | 3.268856 | 57.09613 | .6478754 | .0761375 |
| #2     | .5409023 | 149.6143 | 3.283469 | 57.35697 | .6466997 | .0762121 |
| #3     | .5464979 | 149.3725 | 3.261362 | 57.21220 | .6474712 | .0764802 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.68636 | .5138300 | .4979097 | 45.44638 | .6034987 | .3695056 |
| Stddev | .08640   | .0029636 | .0012901 | .27221   | .0016480 | .0014441 |
| %RSD   | .6312810 | .5767583 | .2591087 | .5989734 | .2730695 | .3908063 |
| #1     | 13.78432 | .5159902 | .4993993 | 45.76044 | .6035857 | .3710701 |
| #2     | 13.62100 | .5150482 | .4971814 | 45.30029 | .6051014 | .3682237 |
| #3     | 13.65376 | .5104515 | .4971485 | 45.27840 | .6018089 | .3692231 |

Sample Name: Q1754-03MS      Acquired: 4/10/2025 14:23:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6710360 | 5.684919 | F 11.54231 | F 13.35964 | F 11.07757 | .2067269 |
| Stddev | .0008973 | .018111  | .02642     | .03295     | .02208     | .0022444 |
| %RSD   | .1337174 | .3185742 | .2288738   | .2466571   | .1993123   | 1.085698 |
| #1     | .6712348 | 5.678254 | 11.52389   | 13.36228   | 11.09708   | .2091954 |
| #2     | .6700560 | 5.705417 | 11.53045   | 13.39120   | 11.05360   | .2061765 |
| #3     | .6718173 | 5.671084 | 11.57257   | 13.32545   | 11.08203   | .2048089 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.493076 |
| Stddev | .049732  |
| %RSD   | .9053666 |
| #1     | 5.437549 |
| #2     | 5.508155 |
| #3     | 5.533524 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2912.559 | 72383.35 | 14425.67 | 1928.247 | 3955.043 |
| Stddev    | 6.050    | 177.53   | 47.73    | 10.332   | 3.978    |
| %RSD      | .2077329 | .2452580 | .3308692 | .5358087 | .1005770 |
| #1        | 2906.305 | 72207.61 | 14475.72 | 1917.134 | 3950.539 |
| #2        | 2918.383 | 72562.61 | 14380.66 | 1937.561 | 3958.078 |
| #3        | 2912.989 | 72379.82 | 14420.63 | 1930.048 | 3956.511 |

Sample Name: Q1754-03MSD      Acquired: 4/10/2025 14:27:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7603788 | 1.685047 | 1.022950 | 1.729238 | .7491720 | 135.3550 |
| Stddev | .0028904 | .008908  | .002047  | .005677  | .0013545 | .3616    |
| %RSD   | .3801241 | .5286597 | .2001001 | .3282951 | .1808040 | .2671130 |
| #1     | .7619324 | 1.681642 | 1.021009 | 1.733692 | .7497961 | 135.7193 |
| #2     | .7570439 | 1.678344 | 1.025089 | 1.722845 | .7501020 | 135.3494 |
| #3     | .7621602 | 1.695156 | 1.022752 | 1.731176 | .7476179 | 134.9963 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7844074 | .1798100 | .1821784 | 917.5670 | .4965168 | .2545772 |
| Stddev | .0008062 | .0010304 | .0004857 | 3.6301   | .0016229 | .0003687 |
| %RSD   | .1027834 | .5730451 | .2666172 | .3956255 | .3268561 | .1448391 |
| #1     | .7839365 | .1799444 | .1826099 | 921.1364 | .4953888 | .2549639 |
| #2     | .7853384 | .1787190 | .1816524 | 913.8790 | .4957849 | .2545382 |
| #3     | .7839474 | .1807666 | .1822728 | 917.6857 | .4983768 | .2542295 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5341040 | 143.8213 | 3.287477 | 57.19928 | .6304843 | .0731627 |
| Stddev | .0013324 | .7933    | .007803  | .12795   | .0012526 | .0003851 |
| %RSD   | .2494576 | .5515729 | .2373705 | .2236929 | .1986691 | .5263576 |
| #1     | .5341480 | 142.9053 | 3.288390 | 57.30824 | .6314700 | .0730446 |
| #2     | .5327502 | 144.2740 | 3.279257 | 57.05839 | .6290748 | .0728505 |
| #3     | .5354138 | 144.2846 | 3.294783 | 57.23121 | .6309082 | .0735930 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.86139 | .5090807 | .4905218 | 42.95856 | .5968374 | .3557036 |
| Stddev | .08297   | .0009041 | .0024812 | .22395   | .0012306 | .0014728 |
| %RSD   | .6451097 | .1775968 | .5058369 | .5213201 | .2061902 | .4140554 |
| #1     | 12.77035 | .5088271 | .4877641 | 42.70100 | .5963718 | .3565153 |
| #2     | 12.93275 | .5100846 | .4925738 | 43.10735 | .5959075 | .3540035 |
| #3     | 12.88107 | .5083306 | .4912274 | 43.06734 | .5982329 | .3565920 |

Sample Name: Q1754-03MSD      Acquired: 4/10/2025 14:27:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6465076 | 5.606324 | 8.651139 | F 13.05741 | F 10.94893 | .1998374 |
| Stddev | .0031173 | .008285  | .013710  | .02598     | .02562     | .0006723 |
| %RSD   | .4821805 | .1477714 | .1584719 | .1989831   | .2339561   | .3364443 |
| #1     | .6483478 | 5.615790 | 8.645290 | 13.06891   | 10.93446   | .1990802 |
| #2     | .6429083 | 5.602784 | 8.666803 | 13.02766   | 10.93382   | .2000673 |
| #3     | .6482667 | 5.600397 | 8.641324 | 13.07566   | 10.97850   | .2003646 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 5.466000 |
| Stddev | .048051  |
| %RSD   | .8790854 |
| #1     | 5.521482 |
| #2     | 5.438681 |
| #3     | 5.437837 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2940.993 | 72185.20 | 13696.64 | 1939.541 | 3990.330 |
| Stddev    | 4.157    | 182.79   | 47.54    | 4.866    | 4.057    |
| %RSD      | .1413613 | .2532178 | .3471085 | .2508913 | .1016763 |
| #1        | 2941.061 | 72391.92 | 13649.04 | 1937.167 | 3990.755 |
| #2        | 2945.115 | 72044.96 | 13744.13 | 1936.318 | 3994.158 |
| #3        | 2936.801 | 72118.72 | 13696.74 | 1945.139 | 3986.077 |

Sample Name: Q1745-09DUP      Acquired: 4/10/2025 14:32:08      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .5211898 | .0115832 | 10.26612 | -.016619 | -.001094 | 84.24187 |
| Stddev | .0035584 | .0030965 | .02609   | .001342  | .002620  | .18081   |
| %RSD   | .6827525 | 26.73252 | .2541191 | 8.078165 | 239.5489 | .2146323 |
| #1     | .5178259 | .0087735 | 10.29228 | -.016457 | .001422  | 84.04549 |
| #2     | .5208282 | .0149031 | 10.26597 | -.015364 | -.000896 | 84.40145 |
| #3     | .5249152 | .0110729 | 10.24010 | -.018035 | -.003808 | 84.27867 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.853899 | .0076045 | .0017212 | 147.2299 | .2419181 | .0913980 |
| Stddev | .082038  | .0001107 | .0003909 | .8219    | .0008064 | .0000968 |
| %RSD   | 1.401431 | 1.455489 | 22.71044 | .5582422 | .3333283 | .1058734 |
| #1     | 5.828862 | .0076355 | .0021636 | 147.4826 | .2413627 | .0913513 |
| #2     | 5.945539 | .0076964 | .0014225 | 147.8958 | .2428430 | .0915093 |
| #3     | 5.787296 | .0074816 | .0015775 | 146.3113 | .2415485 | .0913335 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.202751 | 274.0681 | 2.927999 | 15.45026 | .3856676 | .0439089 |
| Stddev | .003714  | .5156    | .017334  | .09944   | .0010259 | .0003096 |
| %RSD   | .1159682 | .1881213 | .5920006 | .6436178 | .2660067 | .7050491 |
| #1     | 3.205943 | 273.4792 | 2.936170 | 15.48797 | .3859294 | .0440367 |
| #2     | 3.198674 | 274.2869 | 2.939737 | 15.52533 | .3865373 | .0435559 |
| #3     | 3.203635 | 274.4381 | 2.908090 | 15.33748 | .3845362 | .0441341 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.63147 | .3173981 | 4.344424 | 18.15698 | .4910787 | .0371350 |
| Stddev | .12855   | .0006179 | .007988  | .10607   | .0011830 | .0001584 |
| %RSD   | .7729126 | .1946874 | .1838642 | .5842073 | .2408897 | .4265864 |
| #1     | 16.54783 | .3174854 | 4.335322 | 18.08105 | .4910158 | .0372812 |
| #2     | 16.56709 | .3179677 | 4.350268 | 18.11171 | .4922918 | .0369667 |
| #3     | 16.77949 | .3167411 | 4.347683 | 18.27818 | .4899284 | .0371569 |

Sample Name: Q1745-09DUP      Acquired: 4/10/2025 14:32:08      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 1.926208 | 1.437877 | 5.316722 | F 11.43240 | F 17.13938 | .3720130 |
| Stddev | .004946  | .004782  | .038655  | .01789     | .02696     | .0015082 |
| %RSD   | .2567556 | .3325439 | .7270524 | .1564743   | .1572923   | .4054116 |
| #1     | 1.929234 | 1.437963 | 5.276428 | 11.42003   | 17.16632   | .3703602 |
| #2     | 1.928889 | 1.442614 | 5.320239 | 11.45291   | 17.13942   | .3733146 |
| #3     | 1.920501 | 1.433052 | 5.353499 | 11.42426   | 17.11240   | .3723641 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .9850665 |
| Stddev | .0156591 |
| %RSD   | 1.589649 |
| #1     | .9944452 |
| #2     | .9937650 |
| #3     | .9669891 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3299.758 | 81066.71 | 16575.76 | 2141.777 | 4622.769 |
| Stddev    | 10.065   | 262.90   | 123.71   | 8.023    | 5.463    |
| %RSD      | .3050255 | .3242993 | .7463363 | .3745892 | .1181723 |
| #1        | 3303.208 | 81368.70 | 16569.48 | 2150.728 | 4617.502 |
| #2        | 3307.644 | 80888.91 | 16455.31 | 2139.372 | 4628.409 |
| #3        | 3288.421 | 80942.52 | 16702.49 | 2135.232 | 4622.397 |

Sample Name: Q1745-09LX5      Acquired: 4/10/2025 14:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .1145378 | .0012734 | 2.201203 | -.002875 | -.000810 | 18.27130 | 1.278750 |
| Stddev | .0032078 | .0007970 | .004161  | .000976  | .001831  | .03868   | .003990  |
| %RSD   | 2.800673 | 62.59071 | .1890239 | 33.96266 | 225.9193 | .2116785 | .3120292 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1146155 | .0020537 | 2.197566 | -.003552 | .000172  | 18.23107 | 1.275871 |
| #2 | .1177061 | .0013059 | 2.205740 | -.003316 | -.002923 | 18.27462 | 1.277074 |
| #3 | .1112918 | .0004606 | 2.200303 | -.001756 | .000319  | 18.30821 | 1.283305 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017597 | -.001412 | 32.44908 | .0542615 | .0184725 | .7454260 | 60.91821 |
| Stddev | .0000271 | .000025  | .18130   | .0001333 | .0000481 | .0012934 | .12678   |
| %RSD   | 1.541878 | 1.739861 | .5587235 | .2457398 | .2606387 | .1735102 | .2081163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0017755 | -.001438 | 32.33182 | .0544149 | .0185275 | .7449618 | 61.06417 |
| #2 | .0017284 | -.001410 | 32.35752 | .0541734 | .0184515 | .7444289 | 60.83553 |
| #3 | .0017754 | -.001389 | 32.65790 | .0541961 | .0184383 | .7468875 | 60.85493 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6515748 | 3.453038 | .0797337 | .0101093 | 3.579068 | .0680869 | .9975765 |
| Stddev | .0047276 | .019376  | .0004524 | .0001624 | .007170  | .0011676 | .0059585 |
| %RSD   | .7255701 | .5611329 | .5673335 | 1.606379 | .2003437 | 1.714807 | .5972960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .6485811 | 3.441231 | .0798675 | .0099776 | 3.586896 | .0693481 | 1.004419 |
| #2 | .6491184 | 3.442482 | .0801042 | .0100595 | 3.577491 | .0678689 | .994780  |
| #3 | .6570250 | 3.475400 | .0792296 | .0102907 | 3.572818 | .0670437 | .993530  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.765411 | .1060782 | .0080244 | .3936330 | .3232258 | 1.299499 | 2.346024 |
| Stddev | .021576  | .0002073 | .0001627 | .0004104 | .0021259 | .010750  | .004892  |
| %RSD   | .5729935 | .1953896 | 2.027711 | .1042509 | .6577125 | .8272315 | .2085329 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.746325 | .1060907 | .0079750 | .3940787 | .3208175 | 1.299354 | 2.351389 |
| #2 | 3.788821 | .1062789 | .0078922 | .3935494 | .3240184 | 1.288822 | 2.341810 |
| #3 | 3.761088 | .1058649 | .0082061 | .3932709 | .3248416 | 1.310320 | 2.344872 |

Sample Name: Q1745-09LX5      Acquired: 4/10/2025 14:36:27      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 3.491621 | .0780964 | .2132542 |
| Stddev | .011399  | .0006198 | .0007138 |
| %RSD   | .3264644 | .7936289 | .3347301 |
| #1     | 3.483629 | .0785196 | .2130094 |
| #2     | 3.486560 | .0773850 | .2126950 |
| #3     | 3.504674 | .0783847 | .2140582 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3193.432 | 78222.50 | 15939.02 | 2078.078 | 5012.221 |
| Stddev    | 3.175    | 124.72   | 110.08   | 10.502   | 8.674    |
| %RSD      | .0994262 | .1594384 | .6906074 | .5053769 | .1730559 |
| #1        | 3189.837 | 78099.92 | 16011.07 | 2066.558 | 5002.981 |
| #2        | 3194.606 | 78349.25 | 15993.67 | 2087.118 | 5013.493 |
| #3        | 3195.853 | 78218.33 | 15812.31 | 2080.557 | 5020.188 |



Sample Name: CCV05      Acquired: 4/10/2025 14:44:54      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.821979 | 4.825935 | 4.718089 | 4.907144 | 4.999745 | 9.907616 |
| Stddev | .002808  | .030563  | .012583  | .002419  | .004594  | .028687  |
| %RSD   | .0582410 | .6333096 | .2666918 | .0492896 | .0918849 | .2895405 |
| #1     | 4.824181 | 4.809950 | 4.703625 | 4.904353 | 4.996468 | 9.880362 |
| #2     | 4.818816 | 4.806681 | 4.724122 | 4.908433 | 5.004996 | 9.904940 |
| #3     | 4.822941 | 4.861176 | 4.726518 | 4.908644 | 4.997770 | 9.937547 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.733984 | .2304198 | 2.354077 | 23.95709 | 1.018219 | 2.472167 |
| Stddev | .087060  | .0001433 | .006113  | .10084   | .004217  | .006080  |
| %RSD   | .8943873 | .0622101 | .2596979 | .4209285 | .4141962 | .2459580 |
| #1     | 9.820099 | .2303611 | 2.347198 | 23.87340 | 1.019939 | 2.466069 |
| #2     | 9.646009 | .2303152 | 2.356142 | 23.92883 | 1.021305 | 2.472201 |
| #3     | 9.735845 | .2305832 | 2.358890 | 24.06905 | 1.013414 | 2.478230 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.282280 | 5.158174 | 2.358224 | 24.08553 | 2.479636 | 1.267849 |
| Stddev | .001658  | .024394  | .010677  | .07179   | .006571  | .004514  |
| %RSD   | .1293054 | .4729115 | .4527765 | .2980533 | .2650034 | .3559999 |
| #1     | 1.280366 | 5.151484 | 2.351713 | 24.00429 | 2.472196 | 1.271354 |
| #2     | 1.283194 | 5.185214 | 2.352413 | 24.11190 | 2.482065 | 1.269437 |
| #3     | 1.283280 | 5.137823 | 2.370547 | 24.14041 | 2.484646 | 1.262756 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.89867 | 2.437499 | 2.546806 | 26.14758 | 4.632018 | 4.969619 |
| Stddev | .08030   | .003809  | .011573  | .08747   | .009385  | .007095  |
| %RSD   | .2985233 | .1562721 | .4544175 | .3345246 | .2026060 | .1427644 |
| #1     | 26.91969 | 2.437239 | 2.555273 | 26.17052 | 4.625535 | 4.962994 |
| #2     | 26.96637 | 2.433827 | 2.551527 | 26.22129 | 4.627740 | 4.968757 |
| #3     | 26.80995 | 2.441432 | 2.533619 | 26.05092 | 4.642780 | 4.977105 |

Sample Name: CCV05      Acquired: 4/10/2025 14:44:54      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.789494 | 4.676318 | F 6.175608 | 4.827351 | 4.700318 | 4.663326 |
| Stddev | .015395  | .018705  | .008378    | .035942  | .017954  | .018076  |
| %RSD   | .3214229 | .3999928 | .1356559   | .7445586 | .3819678 | .3876100 |
| #1     | 4.772081 | 4.660975 | 6.182705   | 4.786818 | 4.685806 | 4.653284 |
| #2     | 4.795105 | 4.670824 | 6.166367   | 4.839889 | 4.694753 | 4.652501 |
| #3     | 4.801296 | 4.697154 | 6.177752   | 4.855345 | 4.720395 | 4.684193 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.702302 |
| Stddev | .042505  |
| %RSD   | .9039225 |
| #1     | 4.738748 |
| #2     | 4.655610 |
| #3     | 4.712546 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3140.040 | 75470.04 | 14456.04 | 2036.838 | 4874.950 |
| Stddev    | 2.744    | 313.56   | 28.06    | 8.432    | 9.603    |
| %RSD      | .0873858 | .4154824 | .1941143 | .4139625 | .1969827 |
| #1        | 3143.209 | 75221.21 | 14466.92 | 2031.484 | 4885.925 |
| #2        | 3138.443 | 75366.66 | 14477.03 | 2032.473 | 4870.836 |
| #3        | 3138.469 | 75822.24 | 14424.16 | 2046.558 | 4868.090 |

Sample Name: CCB05      Acquired: 4/10/2025 14:49:04      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0012222 | -.002355 | -.001357 | -.003021 | -.000555 | -.004687 | -.007424 |
| Stddev | .0011635 | .000959  | .001031  | .001430  | .000178  | .003035  | .000211  |
| %RSD   | 95.19583 | 40.71774 | 75.95975 | 47.34290 | 32.07084 | 64.74689 | 2.848709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0019639 | -.001294 | -.002307 | -.001567 | -.000397 | -.001194 | -.007315 |
| #2 | -.000119 | -.003160 | -.000261 | -.003069 | -.000748 | -.006191 | -.007288 |
| #3 | .001821  | -.002612 | -.001503 | -.004427 | -.000519 | -.006677 | -.007667 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000576 | -.000059 | -.014956 | -.000213 | .0001144 | -.000176 | -.002123 |
| Stddev | .0000336 | .000068  | .002600  | .000203  | .0001487 | .000233  | .003287  |
| %RSD   | 58.41430 | 114.6369 | 17.38535 | 95.31902 | 130.0460 | 132.2313 | 154.8384 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000913 | .000017  | -.017814 | -.000422 | .0002802 | -.000427 | -.005303 |
| #2 | .0000240 | -.000083 | -.014327 | -.000198 | .0000701 | .000035  | -.002327 |
| #3 | .0000574 | -.000113 | -.012729 | -.000018 | -.000007 | -.000138 | .001262  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003586 | -.013716 | -.000267 | .0005769 | -.064198 | -.002280 | .0008825 |
| Stddev | .000093  | .009365  | .000165  | .0001920 | .015787  | .001057  | .0003361 |
| %RSD   | 2.598914 | 68.27822 | 61.63864 | 33.27344 | 24.59058 | 46.34834 | 38.08581 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003664 | -.010035 | -.000093 | .0007380 | -.082404 | -.002396 | .0005069 |
| #2 | -.003611 | -.006751 | -.000420 | .0003645 | -.055885 | -.003274 | .0009857 |
| #3 | -.003483 | -.024363 | -.000289 | .0006282 | -.054305 | -.001170 | .0011550 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.045741 | -.000737 | .0001443 | -.000817 | .0013294 | .0047205 | -.002371 |
| Stddev | .025077  | .000392  | .0001746 | .000528  | .0001901 | .0019889 | .002311  |
| %RSD   | 54.82447 | 53.27764 | 120.9974 | 64.63241 | 14.29569 | 42.13308 | 97.47502 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.070855 | -.000327 | -.000057 | -.000594 | .0011107 | .0070122 | .000199  |
| #2 | -.045668 | -.001110 | .000252  | -.001419 | .0014548 | .0034457 | -.004279 |
| #3 | -.020701 | -.000772 | .000238  | -.000437 | .0014226 | .0037035 | -.003034 |

Sample Name: CCB05      Acquired: 4/10/2025 14:49:04      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0028881 | -.003035 | -.000158 |
| Stddev | .0013020 | .000757  | .000019  |
| %RSD   | 45.08110 | 24.93826 | 12.02036 |
| #1     | .0015235 | -.003909 | -.000151 |
| #2     | .0041168 | -.002609 | -.000145 |
| #3     | .0030238 | -.002588 | -.000180 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3301.976 | 80344.06 | 15232.16 | 2163.456 | 5488.386 |
| Stddev    | 6.748    | 152.15   | 99.05    | 5.252    | 10.413   |
| %RSD      | .2043587 | .1893770 | .6502609 | .2427675 | .1897260 |
| #1        | 3309.581 | 80216.22 | 15121.87 | 2159.642 | 5496.235 |
| #2        | 3296.704 | 80303.60 | 15313.53 | 2161.280 | 5476.573 |
| #3        | 3299.643 | 80512.35 | 15261.08 | 2169.447 | 5492.349 |

Sample Name: Q1745-09A      Acquired: 4/10/2025 14:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 1.247967 | 1.771760 | 11.00033 | 1.744867 | .7541677 | 85.67153 |
| Stddev | .005756  | .007312  | .03443   | .005284  | .0080000 | .31846   |
| %RSD   | .4612391 | .4127078 | .3129748 | .3028263 | 1.060775 | .3717240 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.242301 | 1.777503 | 10.96521 | 1.739577 | .7460783 | 86.03857 |
| #2 | 1.247791 | 1.774248 | 11.00176 | 1.744878 | .7543494 | 85.46848 |
| #3 | 1.253810 | 1.763528 | 11.03402 | 1.750145 | .7620753 | 85.50754 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.028086 | .1504675 | .1818714 | 146.4638 | .5849426 | .2766394 |
| Stddev | .128283  | .0003314 | .0007846 | .6824    | .0008207 | .0006212 |
| %RSD   | 2.128087 | .2202689 | .4314008 | .4659442 | .1402954 | .2245383 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 6.156594 | .1507811 | .1810829 | 147.1330 | .5854780 | .2768439 |
| #2 | 6.027634 | .1501207 | .1818793 | 145.7689 | .5839978 | .2759417 |
| #3 | 5.900030 | .1505007 | .1826520 | 146.4895 | .5853521 | .2771325 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.437251 | 282.7662 | 3.026176 | 16.82639 | .8508241 | .1124113 |
| Stddev | .012840  | 1.1232   | .017488  | .08204   | .0026793 | .0002689 |
| %RSD   | .3735476 | .3972314 | .5778895 | .4875595 | .3149019 | .2392267 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.424271 | 283.6392 | 3.041247 | 16.88080 | .8486635 | .1127083 |
| #2 | 3.437538 | 281.4990 | 3.007001 | 16.73203 | .8499868 | .1123411 |
| #3 | 3.449945 | 283.1603 | 3.030279 | 16.86635 | .8538220 | .1121844 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.37814 | .5596774 | 4.477476 | 28.93263 | .7138190 | .4038517 |
| Stddev | .09392   | .0023913 | .009885  | .09008   | .0035487 | .0018949 |
| %RSD   | .4608754 | .4272717 | .2207766 | .3113456 | .4971427 | .4692002 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 20.47279 | .5613223 | 4.482411 | 29.03638 | .7169618 | .4018351 |
| #2 | 20.37665 | .5569342 | 4.466095 | 28.87434 | .7099705 | .4041245 |
| #3 | 20.28497 | .5607757 | 4.483922 | 28.88717 | .7145248 | .4055953 |

Sample Name: Q1745-09A      Acquired: 4/10/2025 14:57:40      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 2.546950 | 1.594701 | 6.494810 | F 16.55133 | F 16.95805 | .5480931 |
| Stddev | .008246  | .006798  | .023429  | .02090     | .04038     | .0033148 |
| %RSD   | .3237735 | .4262818 | .3607343 | .1262911   | .2381192   | .6047969 |
| #1     | 2.543871 | 1.601162 | 6.516714 | 16.56369   | 16.94030   | .5519017 |
| #2     | 2.540686 | 1.587610 | 6.470107 | 16.52720   | 16.92958   | .5465190 |
| #3     | 2.556293 | 1.595330 | 6.497610 | 16.56311   | 17.00426   | .5458585 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.142288 |
| Stddev | .002952  |
| %RSD   | .2583945 |
| #1     | 1.144486 |
| #2     | 1.138934 |
| #3     | 1.143445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3208.678 | 79381.62 | 16994.03 | 2075.333 | 4525.755 |
| Stddev    | 17.662   | 133.98   | 54.01    | 6.692    | 16.614   |
| %RSD      | .5504402 | .1687752 | .3177955 | .3224766 | .3671093 |
| #1        | 3228.360 | 79331.14 | 16967.64 | 2069.239 | 4541.624 |
| #2        | 3203.467 | 79533.51 | 17056.16 | 2082.495 | 4527.156 |
| #3        | 3194.209 | 79280.22 | 16958.30 | 2074.263 | 4508.484 |

Sample Name: Q1745-09MS      Acquired: 4/10/2025 15:05:31      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 1.228179 | 1.794192 | 11.06009 | 1.714554 | .7366440 | 85.73221 |
| Stddev | .004343  | .006963  | .02586   | .004958  | .0027243 | .18487   |
| %RSD   | .3535980 | .3880959 | .2338344 | .2891911 | .3698198 | .2156347 |
| #1     | 1.228292 | 1.787807 | 11.08045 | 1.708963 | .7397102 | 85.92934 |
| #2     | 1.232464 | 1.801616 | 11.06884 | 1.718417 | .7357192 | 85.70457 |
| #3     | 1.223781 | 1.793153 | 11.03099 | 1.716282 | .7345025 | 85.56272 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.023587 | .1614431 | .1850411 | 147.6590 | .5821810 | .2788221 |
| Stddev | .089315  | .0006368 | .0003018 | .3265    | .0010577 | .0011598 |
| %RSD   | 1.482762 | .3944568 | .1630961 | .2211317 | .1816772 | .4159723 |
| #1     | 6.025770 | .1614339 | .1853896 | 147.8984 | .5813735 | .2792507 |
| #2     | 5.933199 | .1608110 | .1848671 | 147.2871 | .5817912 | .2797067 |
| #3     | 6.111790 | .1620845 | .1848667 | 147.7916 | .5833782 | .2775090 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.431432 | 269.9722 | 3.086191 | 17.00000 | .8528761 | .1095059 |
| Stddev | .002331  | .5203    | .004822  | .03023   | .0029325 | .0001016 |
| %RSD   | .0679210 | .1927274 | .1562399 | .1778149 | .3438383 | .0927999 |
| #1     | 3.431161 | 270.3636 | 3.086635 | 16.96573 | .8553224 | .1094050 |
| #2     | 3.433886 | 270.1712 | 3.081162 | 17.02290 | .8536806 | .1096082 |
| #3     | 3.429248 | 269.3817 | 3.090775 | 17.01135 | .8496253 | .1095046 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.03101 | .5642822 | 4.446043 | 27.08727 | .6952369 | .4008237 |
| Stddev | .07901   | .0010878 | .027251  | .08057   | .0011733 | .0003819 |
| %RSD   | .4151498 | .1927758 | .6129255 | .2974316 | .1687590 | .0952746 |
| #1     | 19.06424 | .5633442 | 4.444117 | 27.09839 | .6963000 | .4011067 |
| #2     | 19.08797 | .5654747 | 4.419806 | 27.16169 | .6954327 | .4009750 |
| #3     | 18.94081 | .5640277 | 4.474206 | 27.00172 | .6939781 | .4003893 |

Sample Name: Q1745-09MS      Acquired: 4/10/2025 15:05:31      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 2.563729 | 1.604546 | 6.097515 | F 16.87723 | F 17.11972 | .5450000 |
| Stddev | .005776  | .005640  | .008481  | .05382     | .06241     | .0009810 |
| %RSD   | .2252881 | .3514717 | .1390966 | .3188838   | .3645388   | .1799997 |
| #1     | 2.569711 | 1.611044 | 6.104344 | 16.81564   | 17.09950   | .5455656 |
| #2     | 2.563293 | 1.600937 | 6.100180 | 16.91522   | 17.18973   | .5455671 |
| #3     | 2.558184 | 1.601656 | 6.088021 | 16.90082   | 17.06993   | .5438672 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.151019 |
| Stddev | .011332  |
| %RSD   | .9845527 |
| #1     | 1.162274 |
| #2     | 1.139610 |
| #3     | 1.151172 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3252.781 | 80214.85 | 15969.47 | 2133.394 | 4544.343 |
| Stddev    | 2.803    | 52.32    | 51.99    | 10.041   | 3.315    |
| %RSD      | .0861607 | .0652249 | .3255865 | .4706802 | .0729467 |
| #1        | 3251.205 | 80267.45 | 15986.62 | 2139.063 | 4540.743 |
| #2        | 3256.017 | 80214.29 | 16010.73 | 2139.318 | 4547.270 |
| #3        | 3251.121 | 80162.81 | 15911.07 | 2121.800 | 4545.016 |



Sample Name: Q1745-09MSD      Acquired: 4/10/2025 15:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 1.208200 | 1.763974 | 11.03826 | 1.674924 | .7206198 | 86.53569 |
| Stddev | .004067  | .009548  | .04063   | .009082  | .0060007 | .24900   |
| %RSD   | .3366284 | .5412794 | .3680797 | .5422494 | .8327174 | .2877389 |
| #1     | 1.210155 | 1.752979 | 10.99393 | 1.674943 | .7208704 | 86.24842 |
| #2     | 1.203525 | 1.768764 | 11.04715 | 1.665833 | .7144977 | 86.66904 |
| #3     | 1.210921 | 1.770178 | 11.07371 | 1.683997 | .7264913 | 86.68961 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.468890 | .1514341 | .1793649 | 148.8687 | .5769227 | .2752258 |
| Stddev | .116227  | .0006306 | .0008691 | .4531    | .0024636 | .0015884 |
| %RSD   | 1.796710 | .4163841 | .4845729 | .3043791 | .4270272 | .5771409 |
| #1     | 6.580196 | .1521612 | .1785061 | 149.0327 | .5766056 | .2734600 |
| #2     | 6.478175 | .1511033 | .1793446 | 149.2171 | .5746331 | .2756792 |
| #3     | 6.348299 | .1510378 | .1802440 | 148.3564 | .5795296 | .2765382 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.388769 | 280.8587 | 3.102812 | 16.99343 | .8429482 | .1103165 |
| Stddev | .009318  | 1.4341   | .007081  | .07167   | .0030779 | .0001346 |
| %RSD   | .2749620 | .5106004 | .2281999 | .4217528 | .3651399 | .1220332 |
| #1     | 3.387757 | 279.8550 | 3.103470 | 17.03721 | .8396719 | .1101927 |
| #2     | 3.379998 | 280.2201 | 3.109541 | 17.03236 | .8433934 | .1102970 |
| #3     | 3.398551 | 282.5012 | 3.095426 | 16.91072 | .8457792 | .1104598 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 19.73285 | .5638163 | 4.408932 | 28.44060 | .7111312 | .3934843 |
| Stddev | .19858   | .0021969 | .004064  | .20805   | .0053380 | .0014549 |
| %RSD   | 1.006357 | .3896403 | .0921689 | .7315274 | .7506401 | .3697486 |
| #1     | 19.57253 | .5649233 | 4.412286 | 28.26636 | .7075308 | .3925441 |
| #2     | 19.67102 | .5652395 | 4.404413 | 28.38449 | .7085987 | .3927487 |
| #3     | 19.95499 | .5612862 | 4.410097 | 28.67095 | .7172641 | .3951601 |

Sample Name: Q1745-09MSD      Acquired: 4/10/2025 15:09:46      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 2.532487 | 1.691386 | 8.251917 | F 16.74352 | F 16.92428 | .5508845 |
| Stddev | .011126  | .004978  | .063250  | .09982     | .05398     | .0034452 |
| %RSD   | .4393182 | .2943385 | .7664904 | .5961775   | .3189280   | .6253909 |
| #1     | 2.519653 | 1.692840 | 8.193891 | 16.63550   | 16.86857   | .5469591 |
| #2     | 2.538404 | 1.695475 | 8.242520 | 16.76269   | 16.92793   | .5522885 |
| #3     | 2.539404 | 1.685842 | 8.319340 | 16.83236   | 16.97633   | .5534060 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.173332 |
| Stddev | .005919  |
| %RSD   | .5044394 |
| #1     | 1.180151 |
| #2     | 1.169523 |
| #3     | 1.170322 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3291.817 | 81417.90 | 16886.43 | 2160.304 | 4595.428 |
| Stddev    | 5.765    | 371.18   | 103.05   | 5.794    | 15.894   |
| %RSD      | .1751416 | .4558906 | .6102339 | .2682111 | .3458763 |
| #1        | 3297.664 | 81296.59 | 16781.01 | 2153.613 | 4613.775 |
| #2        | 3291.649 | 81834.55 | 16891.36 | 2163.652 | 4586.695 |
| #3        | 3286.137 | 81122.55 | 16986.93 | 2163.646 | 4585.815 |

Sample Name: PBW04      Acquired: 4/10/2025 15:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000920 | -.002017 | .0002746 | -.000846 | .0001129 | .0062032 | -.009020 |
| Stddev | .001920  | .000704  | .0009572 | .003350  | .0009254 | .0014709 | .001417  |
| %RSD   | 208.7652 | 34.91921 | 348.5355 | 395.7748 | 819.4365 | 23.71141 | 15.70344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000137 | -.002694 | -.000665 | .003007  | .0011067 | .0058637 | -.010233 |
| #2 | .000486  | -.001288 | .000241  | -.003059 | -.000724 | .0078141 | -.009365 |
| #3 | -.003108 | -.002070 | .001248  | -.002488 | -.000044 | .0049318 | -.007463 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000409 | -.000064 | -.003560 | -.000223 | -.000199 | -.000210 | .0232555 |
| Stddev | .0000298 | .000019  | .004432  | .000216  | .000107  | .000603  | .0032453 |
| %RSD   | 72.73248 | 29.94521 | 124.5024 | 96.97990 | 53.84214 | 287.6197 | 13.95503 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000691 | -.000066 | .001538  | -.000448 | -.000139 | .000364  | .0197109 |
| #2 | .0000098 | -.000083 | -.006503 | -.000017 | -.000322 | -.000838 | .0239748 |
| #3 | .0000438 | -.000044 | -.005714 | -.000204 | -.000135 | -.000155 | .0260808 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003769 | -.007325 | -.000134 | .0006742 | -.131425 | -.001466 | -.001421 |
| Stddev | .000077  | .004961  | .000108  | .0001320 | .021162  | .001252  | .000139  |
| %RSD   | 2.040776 | 67.72347 | 80.57281 | 19.58080 | 16.10204 | 85.41095 | 9.751119 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003839 | -.008804 | -.000033 | .0005697 | -.154551 | -.000194 | -.001577 |
| #2 | -.003782 | -.001793 | -.000121 | .0008225 | -.126699 | -.002697 | -.001312 |
| #3 | -.003687 | -.011378 | -.000247 | .0006302 | -.113025 | -.001508 | -.001373 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.111367 | -.006304 | -.000129 | -.000362 | .0014458 | .0006190 | -.001375 |
| Stddev | .009883  | .000378  | .000094  | .000864  | .0005717 | .0022959 | .003795  |
| %RSD   | 8.874113 | 6.002046 | 72.75766 | 238.2884 | 39.54158 | 370.9184 | 276.1164 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.120312 | -.006589 | -.000086 | .000594  | .0019300 | .0032566 | .002303  |
| #2 | -.100758 | -.005875 | -.000064 | -.001084 | .0008151 | -.000931 | -.001149 |
| #3 | -.113031 | -.006448 | -.000237 | -.000597 | .0015922 | -.000468 | -.005278 |

Sample Name: PBW04      Acquired: 4/10/2025 15:14:00      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0068061 | -.002972 | -.000273 |
| Stddev | .0011667 | .000991  | .000016  |
| %RSD   | 17.14208 | 33.35241 | 5.704360 |
| #1     | .0079597 | -.001833 | -.000285 |
| #2     | .0056267 | -.003639 | -.000256 |
| #3     | .0068320 | -.003445 | -.000278 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3223.476 | 77939.69 | 15734.18 | 2080.503 | 5370.619 |
| Stddev    | 10.893   | 328.35   | 75.34    | 2.491    | 10.440   |
| %RSD      | .3379411 | .4212890 | .4788330 | .1197070 | .1943902 |
| #1        | 3224.299 | 78186.26 | 15789.43 | 2082.502 | 5364.040 |
| #2        | 3233.934 | 77566.97 | 15764.76 | 2081.295 | 5382.657 |
| #3        | 3212.194 | 78065.83 | 15648.36 | 2077.713 | 5365.161 |

Sample Name: LCSW04      Acquired: 4/10/2025 15:18:19      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7576424 | 1.903532 | .9062977 | 1.953392 | .8051331 | 1.845046 |
| Stddev | .0007736 | .018103  | .0006047 | .003476  | .0018380 | .038263  |
| %RSD   | .1021098 | .9510414 | .0667267 | .1779519 | .2282829 | 2.073828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7569277 | 1.889535 | .9063786 | 1.954416 | .8048953 | 1.845801 |
| #2 | .7575357 | 1.897086 | .9068580 | 1.949519 | .8034256 | 1.882926 |
| #3 | .7584639 | 1.923977 | .9056566 | 1.956242 | .8070784 | 1.806411 |

|        |            |            |          |          |          |          |
|--------|------------|------------|----------|----------|----------|----------|
| Elem   | Ba4934     | Be2348     | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .1653987 | F .1648112 | .1813829 | .9041579 | .3952404 | .1845451 |
| Stddev | .0026550   | .0028124   | .0003363 | .0138689 | .0018705 | .0003901 |
| %RSD   | 1.605189   | 1.706449   | .1854063 | 1.533903 | .4732537 | .2114051 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1654010 | .1659516 | .1816872 | .9065691 | .3964775 | .1846203 |
| #2 | .1680525 | .1668744 | .1810218 | .9166631 | .3930886 | .1841229 |
| #3 | .1627426 | .1616077 | .1814398 | .8892415 | .3961551 | .1848922 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3025452 | 3.018301 | .1748570 | 1.791013 | .4682837 | .0730825 |
| Stddev | .0006136 | .015657  | .0023634 | .033183  | .0008605 | .0002291 |
| %RSD   | .2028156 | .5187346 | 1.351616 | 1.852762 | .1837533 | .3134175 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3027375 | 3.007026 | .1756486 | 1.804063 | .4686687 | .0732816 |
| #2 | .3018585 | 3.011699 | .1767230 | 1.815687 | .4672979 | .0731337 |
| #3 | .3030397 | 3.036177 | .1721995 | 1.753288 | .4688844 | .0728322 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.977005 | .2715203 | .1977653 | 9.967833 | F .2449088 | .3987081 |
| Stddev | .014007  | .0037918 | .0009959 | .069412  | .0055344   | .0006036 |
| %RSD   | .4705157 | 1.396498 | .5035772 | .6963566 | 2.259791   | .1513899 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.979902 | .2726200 | .1972812 | 9.965286 | .2461018 | .3984715 |
| #2 | 2.961776 | .2746407 | .1989107 | 9.899729 | .2497494 | .3982586 |
| #3 | 2.989338 | .2673003 | .1971040 | 10.03848 | .2388751 | .3993941 |

Sample Name: LCSW04      Acquired: 4/10/2025 15:18:19      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6380625 | .1795643 | .8431739 | 5.280737 | F -.005559 | .1803545 |
| Stddev | .0011780 | .0035611 | .0086002 | .018048  | .000548    | .0026506 |
| %RSD   | .1846144 | 1.983180 | 1.019983 | .3417749 | 9.858230   | 1.469685 |
| #1     | .6376259 | .1805903 | .8358969 | 5.271652 | -.005274   | .1802544 |
| #2     | .6371653 | .1824998 | .8526646 | 5.269037 | -.005213   | .1830537 |
| #3     | .6393965 | .1756029 | .8409603 | 5.301523 | -.006191   | .1777553 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1819517 |
| Stddev | .0029714 |
| %RSD   | 1.633064 |
| #1     | .1821534 |
| #2     | .1848171 |
| #3     | .1788846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3216.148 | 76896.94 | 15545.84 | 2048.400 | 5323.371 |
| Stddev    | 4.440    | 181.26   | 266.93   | 9.466    | 7.481    |
| %RSD      | .1380389 | .2357177 | 1.717020 | .4621259 | .1405316 |
| #1        | 3217.498 | 76859.15 | 15462.27 | 2059.323 | 5330.327 |
| #2        | 3219.755 | 77094.11 | 15330.70 | 2042.586 | 5324.330 |
| #3        | 3211.190 | 76737.55 | 15844.55 | 2043.291 | 5315.457 |

Sample Name: PBS04      Acquired: 4/10/2025 15:23:05      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0007325 | -.001210 | -.000581 | -.002501 | -.000736 | -.002091 | -.009780 |
| Stddev | .0013715 | .000419  | .000198  | .001259  | .000279  | .003676  | .001014  |
| %RSD   | 187.2491 | 34.60836 | 34.01436 | 50.32441 | 37.98503 | 175.8422 | 10.36345 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022984 | -.001410 | -.000391 | -.003728 | -.001028 | .001788  | -.008620 |
| #2 | -.000255 | -.000729 | -.000567 | -.002562 | -.000472 | -.002535 | -.010495 |
| #3 | .000154  | -.001492 | -.000786 | -.001213 | -.000707 | -.005524 | -.010224 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000515 | -.000110 | -.021503 | -.000336 | -.000157 | -.000270 | -.008461 |
| Stddev | .0000303 | .000077  | .002720  | .000260  | .000163  | .000087  | .002052  |
| %RSD   | 58.84267 | 70.41559 | 12.65019 | 77.25646 | 103.4122 | 32.24927 | 24.24987 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000860 | -.000199 | -.022190 | -.000266 | -.000102 | -.000184 | -.008513 |
| #2 | .0000294 | -.000070 | -.023815 | -.000624 | -.000340 | -.000358 | -.010487 |
| #3 | .0000390 | -.000060 | -.018506 | -.000119 | -.000029 | -.000269 | -.006384 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004111 | -.001549 | -.000365 | .0007575 | -.205568 | -.001317 | -.001749 |
| Stddev | .000278  | .012440  | .000113  | .0000726 | .008946  | .000486  | .000286  |
| %RSD   | 6.754406 | 803.2388 | 31.00371 | 9.585263 | 4.351715 | 36.89719 | 16.33950 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.003861 | .011295  | -.000369 | .0007766 | -.214090 | -.001762 | -.001441 |
| #2 | -.004063 | -.013542 | -.000476 | .0006773 | -.206361 | -.000798 | -.001798 |
| #3 | -.004410 | -.002398 | -.000250 | .0008187 | -.196252 | -.001392 | -.002006 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.130481 | -.006425 | -.000353 | -.000887 | .0013311 | .0067658 | -.000131 |
| Stddev | .035839  | .000712  | .000061  | .000466  | .0005311 | .0014352 | .002690  |
| %RSD   | 27.46694 | 11.07798 | 17.19214 | 52.55240 | 39.89799 | 21.21270 | 2048.614 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.148349 | -.005664 | -.000349 | -.001350 | .0011981 | .0059301 | -.003108 |
| #2 | -.153873 | -.006536 | -.000295 | -.000418 | .0008792 | .0084231 | .002126  |
| #3 | -.089220 | -.007074 | -.000416 | -.000894 | .0019161 | .0059444 | .000588  |

Sample Name: PBS04      Acquired: 4/10/2025 15:23:05      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0033195 | -.003952 | -.000318 |
| Stddev | .0039189 | .000692  | .000029  |
| %RSD   | 118.0558 | 17.51701 | 9.251480 |
| #1     | .0078413 | -.003901 | -.000333 |
| #2     | .0009094 | -.004669 | -.000284 |
| #3     | .0012077 | -.003287 | -.000335 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3253.745 | 78814.10 | 15192.33 | 2116.773 | 5428.569 |
| Stddev    | 5.785    | 112.39   | 62.41    | 3.627    | 7.548    |
| %RSD      | .1777876 | .1425981 | .4108163 | .1713561 | .1390359 |
| #1        | 3254.884 | 78768.84 | 15125.92 | 2117.009 | 5421.781 |
| #2        | 3258.876 | 78942.06 | 15201.28 | 2120.277 | 5436.697 |
| #3        | 3247.476 | 78731.39 | 15249.78 | 2113.034 | 5427.229 |



Sample Name: LCSS04      Acquired: 4/10/2025 15:27:25      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7403343   | 1.890259 | .9014139 | 1.901494 | .7776342 | 1.834527 |
| Stddev | .0030027   | .004759  | .0044376 | .006278  | .0016461 | .020483  |
| %RSD   | .4055916   | .2517472 | .4922987 | .3301516 | .2116802 | 1.116501 |
| #1     | .7368976   | 1.895709 | .9038716 | 1.896629 | .7785508 | 1.841394 |
| #2     | .7424507   | 1.888143 | .8962911 | 1.899272 | .7757338 | 1.850694 |
| #3     | .7416545   | 1.886925 | .9040789 | 1.908581 | .7786180 | 1.811494 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .1619171 | .1904143 | .1811821 | .9060248 | .3890079 | .1842340 |
| Stddev | .0029232   | .0023115 | .0009250 | .0027718 | .0008297 | .0007488 |
| %RSD   | 1.805342   | 1.213936 | .5105348 | .3059330 | .2132876 | .4064522 |
| #1     | .1633485   | .1921736 | .1811253 | .9031789 | .3894738 | .1840871 |
| #2     | .1638487   | .1912731 | .1802868 | .9087161 | .3880500 | .1835695 |
| #3     | .1585541   | .1877963 | .1821342 | .9061793 | .3895000 | .1850453 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2984718   | 2.701343 | .1765063 | 1.789391 | .4662514 | .0725879 |
| Stddev | .0016074   | .013125  | .0014659 | .021871  | .0016011 | .0002042 |
| %RSD   | .5385476   | .4858685 | .8305126 | 1.222279 | .3434062 | .2813381 |
| #1     | .2977001   | 2.686950 | .1776946 | 1.807399 | .4658600 | .0723941 |
| #2     | .2973957   | 2.704430 | .1769561 | 1.795722 | .4648823 | .0725685 |
| #3     | .3003195   | 2.712649 | .1748682 | 1.765053 | .4680120 | .0728011 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F 2.512675 | .2689246 | .1972977 | 8.590969 | .2821641 | .3902779 |
| Stddev | .020077    | .0014382 | .0001161 | .012321  | .0030780 | .0010862 |
| %RSD   | .7990154   | .5347795 | .0588572 | .1434216 | 1.090854 | .2783138 |
| #1     | 2.495470   | .2704925 | .1974237 | 8.576766 | .2842250 | .3892615 |
| #2     | 2.507821   | .2686143 | .1971951 | 8.597349 | .2836413 | .3901497 |
| #3     | 2.534733   | .2676669 | .1972743 | 8.598792 | .2786259 | .3914225 |

Sample Name: LCSS04      Acquired: 4/10/2025 15:27:25      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6331335 | .1784203 | F .7254084 | 5.362893 | F -.006223 | .1801486 |
| Stddev | .0026694 | .0018615 | .0056940   | .018580  | .001646    | .0021658 |
| %RSD   | .4216246 | 1.043345 | .7849348   | .3464607 | 26.44923   | 1.202240 |
| #1     | .6341145 | .1795103 | .7202965   | 5.355548 | -.005816   | .1803488 |
| #2     | .6301123 | .1794797 | .7315453   | 5.349108 | -.004819   | .1822074 |
| #3     | .6351736 | .1762708 | .7243834   | 5.384023 | -.008035   | .1778897 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1767692 |
| Stddev | .0014246 |
| %RSD   | .8059290 |
| #1     | .1771999 |
| #2     | .1779287 |
| #3     | .1751789 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3272.900 | 77885.63 | 13636.95 | 2129.308 | 5347.270 |
| Stddev    | 2.457    | 76.98    | 167.03   | 6.595    | 8.808    |
| %RSD      | .0750708 | .0988323 | 1.224815 | .3097039 | .1647156 |
| #1        | 3275.403 | 77839.14 | 13535.98 | 2127.533 | 5351.833 |
| #2        | 3272.806 | 77843.26 | 13545.13 | 2123.783 | 5352.861 |
| #3        | 3270.492 | 77974.48 | 13829.75 | 2136.609 | 5337.117 |

Sample Name: PBW05      Acquired: 4/10/2025 15:31:29      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000332 | -.001290 | -.001967 | -.000647 | .0007979 | -.002085 | -.008708 |
| Stddev | .002701  | .000759  | .000524  | .000958  | .0006656 | .003861  | .000633  |
| %RSD   | 813.9202 | 58.80375 | 26.64932 | 147.9285 | 83.42186 | 185.1529 | 7.269680 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001803 | -.002165 | -.002564 | .000433  | .0015218 | -.003489 | -.008309 |
| #2 | -.001978 | -.000890 | -.001585 | -.001391 | .0002123 | -.005049 | -.008376 |
| #3 | .002785  | -.000816 | -.001751 | -.000984 | .0006595 | .002281  | -.009438 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000779 | -.000075 | -.019910 | -.000070 | .0000132 | -.000335 | -.006429 |
| Stddev | .0000598 | .000018  | .002474  | .000037  | .0001378 | .000359  | .004668  |
| %RSD   | 76.82727 | 23.56383 | 12.42404 | 52.41728 | 1043.095 | 107.2323 | 72.61161 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000935 | -.000059 | -.018334 | -.000037 | .0000210 | -.000097 | -.004761 |
| #2 | .0001283 | -.000072 | -.022761 | -.000063 | .0001469 | -.000160 | -.011702 |
| #3 | .0000118 | -.000094 | -.018636 | -.000110 | -.000128 | -.000749 | -.002824 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004135 | -.009244 | -.000401 | .0006058 | -.251491 | -.001695 | -.001927 |
| Stddev | .000330  | .004575  | .000357  | .0000802 | .011889  | .000750  | .000313  |
| %RSD   | 7.983433 | 49.49142 | 89.09716 | 13.24344 | 4.727543 | 44.23561 | 16.24602 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004084 | -.014471 | -.000814 | .0005504 | -.263309 | -.000918 | -.002277 |
| #2 | -.003834 | -.007294 | -.000204 | .0006978 | -.251633 | -.001753 | -.001674 |
| #3 | -.004488 | -.005967 | -.000186 | .0005692 | -.239532 | -.002414 | -.001831 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.140168 | -.006502 | -.000408 | -.001203 | .0014345 | .0000743 | -.002304 |
| Stddev | .007733  | .000303  | .000140  | .000153  | .0004535 | .0034311 | .000837  |
| %RSD   | 5.516906 | 4.660796 | 34.29605 | 12.73160 | 31.61364 | 4620.451 | 36.33761 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.146083 | -.006405 | -.000393 | -.001379 | .0011709 | -.003880 | -.002678 |
| #2 | -.143003 | -.006259 | -.000555 | -.001134 | .0011745 | .002259  | -.001345 |
| #3 | -.131418 | -.006842 | -.000276 | -.001097 | .0019582 | .001844  | -.002889 |

Sample Name: PBW05      Acquired: 4/10/2025 15:31:29      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0006803 | -.004720 | -.000324 |
| Stddev | .0011312 | .000208  | .000053  |
| %RSD   | 166.2671 | 4.415249 | 16.37272 |
| #1     | .0017096 | -.004892 | -.000326 |
| #2     | -.000531 | -.004781 | -.000377 |
| #3     | .000862  | -.004489 | -.000271 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3250.483 | 79473.87 | 14913.50 | 2142.447 | 5387.221 |
| Stddev    | 10.741   | 164.89   | 217.69   | 3.913    | 11.077   |
| %RSD      | .3304518 | .2074729 | 1.459652 | .1826373 | .2056108 |
| #1        | 3255.573 | 79497.06 | 15161.08 | 2145.695 | 5394.289 |
| #2        | 3257.734 | 79298.61 | 14752.09 | 2143.543 | 5392.918 |
| #3        | 3238.143 | 79625.93 | 14827.35 | 2138.103 | 5374.455 |

Sample Name: PBS05      Acquired: 4/10/2025 15:35:50      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0005206 | -.001747 | -.001207 | -.001490 | .0001547 | .0167442 | -.009906 |
| Stddev | .0028431 | .000858  | .001148  | .003893  | .0010575 | .0018270 | .000476  |
| %RSD   | 546.1054 | 49.12278 | 95.12769 | 261.2563 | 683.7956 | 10.91106 | 4.804924 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.002749 | -.002710 | -.002472 | -.002461 | -.000172 | .0149640 | -.009383 |
| #2 | .001901  | -.001472 | -.000230 | -.004806 | .001337  | .0186146 | -.010313 |
| #3 | .002410  | -.001060 | -.000919 | .002796  | -.000701 | .0166540 | -.010024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000552 | -.000089 | -.014153 | -.000236 | -.000074 | -.000512 | -.011288 |
| Stddev | .0000185 | .000052  | .006750  | .000051  | .000220  | .000316  | .003998  |
| %RSD   | 33.51974 | 57.79000 | 47.69612 | 21.54504 | 295.9927 | 61.78506 | 35.41531 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000403 | -.000075 | -.008719 | -.000207 | -.000030 | -.000292 | -.013711 |
| #2 | .0000494 | -.000046 | -.021710 | -.000205 | .000120  | -.000369 | -.013478 |
| #3 | .0000759 | -.000147 | -.012030 | -.000294 | -.000313 | -.000874 | -.006674 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004211 | -.001209 | -.000186 | .0004527 | -.254231 | -.001624 | -.001648 |
| Stddev | .000313  | .017348  | .000154  | .0001344 | .005661  | .001775  | .000220  |
| %RSD   | 7.440293 | 1434.618 | 82.92646 | 29.68019 | 2.226842 | 109.2670 | 13.35593 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.004194 | .017570  | -.000364 | .0004161 | -.248481 | -.002600 | -.001597 |
| #2 | -.004532 | -.016637 | -.000103 | .0006016 | -.259799 | -.002697 | -.001459 |
| #3 | -.003906 | -.004561 | -.000091 | .0003405 | -.254414 | .000424  | -.001890 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.186907 | -.007556 | -.000309 | -.001619 | .0010021 | .0006799 | -.000830 |
| Stddev | .005255  | .000786  | .000156  | .000150  | .0003511 | .0044738 | .001402  |
| %RSD   | 2.811525 | 10.40471 | 50.43576 | 9.242377 | 35.03785 | 658.0116 | 168.9295 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.191844 | -.008209 | -.000472 | -.001780 | .0010770 | .0039401 | -.002154 |
| #2 | -.187492 | -.006683 | -.000294 | -.001484 | .0006195 | .0025201 | .000639  |
| #3 | -.181383 | -.007775 | -.000161 | -.001592 | .0013096 | -.004421 | -.000975 |

Sample Name: PBS05      Acquired: 4/10/2025 15:35:50      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0014869 | -.004544 | -.000390 |
| Stddev | .0010648 | .001199  | .000051  |
| %RSD   | 71.61293 | 26.39223 | 13.02705 |
| #1     | .0002774 | -.005264 | -.000441 |
| #2     | .0019000 | -.003160 | -.000340 |
| #3     | .0022833 | -.005209 | -.000390 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3223.032 | 77717.63 | 15672.74 | 2083.378 | 5382.960 |
| Stddev    | 13.716   | 372.53   | 114.33   | 4.450    | 11.819   |
| %RSD      | .4255497 | .4793406 | .7294671 | .2135802 | .2195698 |
| #1        | 3238.869 | 77690.67 | 15785.40 | 2086.823 | 5396.352 |
| #2        | 3215.033 | 78102.90 | 15676.00 | 2078.354 | 5378.543 |
| #3        | 3215.194 | 77359.30 | 15556.82 | 2084.957 | 5373.985 |

Sample Name: WATER MDL-4      Acquired: 4/10/2025 15:40:10      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0054705 | .0075109 | .0008554 | .0034555 | .0129267 | .0238575 | .0119860 |
| Stddev | .0007645 | .0009014 | .0009971 | .0007065 | .0015854 | .0052321 | .0006495 |
| %RSD   | 13.97541 | 12.00114 | 116.5683 | 20.44632 | 12.26427 | 21.93068 | 5.418940 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0062096 | .0085275 | .0018896 | .0035684 | .0144731 | .0283115 | .0126250 |
| #2 | .0055191 | .0071959 | .0007767 | .0040989 | .0130020 | .0251656 | .0113265 |
| #3 | .0046829 | .0068093 | -.000100 | .0026994 | .0113050 | .0180955 | .0120064 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013411 | .0012679 | .4421826 | .0022396 | .0069203 | .0053947 | .0177538 |
| Stddev | .0000122 | .0001006 | .0070417 | .0004472 | .0001994 | .0003349 | .0041573 |
| %RSD   | .9096884 | 7.933961 | 1.592487 | 19.96715 | 2.881668 | 6.208443 | 23.41638 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013509 | .0011557 | .4406997 | .0017235 | .0071221 | .0052984 | .0208748 |
| #2 | .0013274 | .0013501 | .4360004 | .0025104 | .0069154 | .0051185 | .0193520 |
| #3 | .0013450 | .0012978 | .4498476 | .0024849 | .0067233 | .0057672 | .0130346 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006626 | .4862936 | .0092069 | .0032443 | .2839204 | .0076631 | .0085414 |
| Stddev | .0002287 | .0111098 | .0000424 | .0001074 | .0063909 | .0010557 | .0001366 |
| %RSD   | 34.51744 | 2.284586 | .4603594 | 3.309060 | 2.250948 | 13.77578 | 1.599209 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004562 | .4932896 | .0092143 | .0033155 | .2775618 | .0076336 | .0084045 |
| #2 | .0006232 | .4921080 | .0091613 | .0032966 | .2903431 | .0066225 | .0085421 |
| #3 | .0009085 | .4734833 | .0092451 | .0031208 | .2838565 | .0087331 | .0086777 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3574287 | .0153396 | .0513230 | .0080638 | .0107351 | .1031963 | .0000893 |
| Stddev | .0272943 | .0007696 | .0005387 | .0005171 | .0006906 | .0031126 | .0031864 |
| %RSD   | 7.636285 | 5.017126 | 1.049540 | 6.412545 | 6.432960 | 3.016151 | 3569.227 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3280902 | .0149220 | .0515169 | .0084499 | .0114778 | .1056535 | .0030209 |
| #2 | .3621270 | .0162278 | .0507142 | .0082652 | .0106150 | .1042393 | .0005488 |
| #3 | .3820688 | .0148691 | .0517377 | .0074763 | .0101124 | .0996962 | -.003302 |

Sample Name: WATER MDL-4      Acquired: 4/10/2025 15:40:10      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0062418 | -.000598 | .0042564 |
| Stddev | .0014291 | .000678  | .0000254 |
| %RSD   | 22.89537 | 113.3639 | .5963747 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .0057765 | -.000245 | .0042407 |
| #2 | .0078455 | -.001379 | .0042428 |
| #3 | .0051033 | -.000170 | .0042857 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3251.013 | 77195.09 | 15372.36 | 2066.975 | 5438.664 |
| Stddev    | 16.197   | 489.12   | 33.69    | 19.137   | 16.915   |
| %RSD      | .4982177 | .6336097 | .2191888 | .9258327 | .3110228 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3240.834 | 77705.84 | 15391.21 | 2085.405 | 5430.413 |
| #2 | 3269.690 | 77148.46 | 15392.41 | 2047.202 | 5458.122 |
| #3 | 3242.513 | 76730.95 | 15333.46 | 2068.316 | 5427.457 |



Sample Name: CCV06      Acquired: 4/10/2025 15:44:28      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.775879 | 4.767511 | 4.693859 | 4.851858 | 4.962260 | 9.969920 |
| Stddev | .007799  | .005463  | .008347  | .006428  | .008862  | .131164  |
| %RSD   | .1633080 | .1145779 | .1778351 | .1324844 | .1785810 | 1.315593 |
| #1     | 4.766939 | 4.766933 | 4.699860 | 4.848438 | 4.961135 | 9.833723 |
| #2     | 4.779405 | 4.773239 | 4.684327 | 4.847863 | 4.954014 | 10.09539 |
| #3     | 4.781293 | 4.762360 | 4.697392 | 4.859273 | 4.971630 | 9.98065  |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.635493 | .2284817 | 2.335379 | 24.06699 | 1.012095 | 2.451475 |
| Stddev | .118976  | .0020046 | .001990  | .27580   | .004967  | .002504  |
| %RSD   | 1.234771 | .8773549 | .0851938 | 1.145948 | .4907872 | .1021345 |
| #1     | 9.618195 | .2262828 | 2.337148 | 23.74918 | 1.017830 | 2.451909 |
| #2     | 9.526113 | .2289548 | 2.333225 | 24.24343 | 1.009249 | 2.448782 |
| #3     | 9.762172 | .2302074 | 2.335765 | 24.20838 | 1.009205 | 2.453733 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.269651 | 5.061043 | 2.375758 | 24.20802 | 2.467823 | 1.256160 |
| Stddev | .001799  | .007998  | .026709  | .30939   | .002455  | .002697  |
| %RSD   | .1417276 | .1580384 | 1.124214 | 1.278068 | .0994766 | .2147111 |
| #1     | 1.268327 | 5.051817 | 2.345032 | 23.85082 | 2.470136 | 1.259085 |
| #2     | 1.268926 | 5.065282 | 2.393413 | 24.38145 | 2.465247 | 1.253771 |
| #3     | 1.271700 | 5.066029 | 2.388831 | 24.39180 | 2.468086 | 1.255626 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.51730 | 2.450747 | 2.523793 | 25.72441 | 4.628227 | 4.963566 |
| Stddev | .16365   | .033081  | .005691  | .10760   | .050710  | .005280  |
| %RSD   | .6171523 | 1.349829 | .2254841 | .4182801 | 1.095668 | .1063787 |
| #1     | 26.55574 | 2.417384 | 2.527865 | 25.75010 | 4.571404 | 4.966812 |
| #2     | 26.65830 | 2.483538 | 2.526223 | 25.81683 | 4.644397 | 4.957473 |
| #3     | 26.33784 | 2.451319 | 2.517290 | 25.60629 | 4.668881 | 4.966413 |

Sample Name: CCV06      Acquired: 4/10/2025 15:44:28      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.751129 | 4.698192 | F 6.113281 | 4.901263 | 4.624206 | 4.709618 |
| Stddev | .001916  | .054816  | .026628    | .016841  | .008163  | .055742  |
| %RSD   | .0403243 | 1.166743 | .4355706   | .3436106 | .1765297 | 1.183586 |
| #1     | 4.748918 | 4.637397 | 6.110854   | 4.914638 | 4.624714 | 4.652190 |
| #2     | 4.752189 | 4.743846 | 6.141039   | 4.882350 | 4.615800 | 4.763506 |
| #3     | 4.752282 | 4.713332 | 6.087950   | 4.906801 | 4.632103 | 4.713157 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.772335 |
| Stddev | .012469  |
| %RSD   | .2612771 |
| #1     | 4.758389 |
| #2     | 4.776210 |
| #3     | 4.782407 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3153.917 | 75888.05 | 14297.77 | 2044.284 | 4911.362 |
| Stddev    | 4.211    | 431.40   | 97.61    | 11.542   | 7.189    |
| %RSD      | .1335180 | .5684727 | .6827237 | .5645760 | .1463678 |
| #1        | 3151.592 | 75390.03 | 14408.86 | 2031.753 | 4908.123 |
| #2        | 3158.777 | 76127.41 | 14258.70 | 2046.623 | 4919.600 |
| #3        | 3151.380 | 76146.71 | 14225.73 | 2054.477 | 4906.362 |

Sample Name: CCB06      Acquired: 4/10/2025 15:48:39      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000532 | -.002726 | -.001121 | -.001312 | .0008289 | -.005013 | -.009198 |
| Stddev | .0018022 | .000571  | .000389  | .001445  | .0005535 | .000467  | .000828  |
| %RSD   | 3387.708 | 20.95435 | 34.71620 | 110.1321 | 66.78172 | 9.322187 | 9.004694 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001427 | -.002112 | -.000683 | -.002663 | .0007138 | -.005429 | -.008565 |
| #2 | .002060  | -.002824 | -.001427 | .000212  | .0003419 | -.004507 | -.008895 |
| #3 | -.000473 | -.003242 | -.001253 | -.001486 | .0014309 | -.005102 | -.010135 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000155 | -.000076 | -.017657 | -.000236 | -.000166 | -.000409 | -.005386 |
| Stddev | .0000500 | .000062  | .006985  | .000251  | .000059  | .000140  | .003679  |
| %RSD   | 323.3673 | 81.64763 | 39.56027 | 106.1360 | 35.81566 | 34.28146 | 68.30505 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000017 | -.000091 | -.024693 | -.000427 | -.000111 | -.000363 | -.007182 |
| #2 | .000073  | -.000008 | -.017555 | -.000330 | -.000158 | -.000567 | -.007821 |
| #3 | -.000010 | -.000129 | -.010724 | .000048  | -.000229 | -.000298 | -.001154 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005279 | -.011210 | -.000019 | .0007534 | -.269984 | -.000805 | -.002091 |
| Stddev | .000053  | .009785  | .000107  | .0000857 | .014049  | .001247  | .000210  |
| %RSD   | .9955503 | 87.28176 | 564.1582 | 11.37772 | 5.203751 | 154.9495 | 10.03679 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005263 | -.014673 | .000101  | .0007386 | -.283605 | .000249  | -.002301 |
| #2 | -.005338 | -.018793 | -.000102 | .0006761 | -.270803 | -.002181 | -.001881 |
| #3 | -.005237 | -.000165 | -.000056 | .0008456 | -.255543 | -.000482 | -.002091 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.159313 | -.002632 | .0000149 | -.000222 | .0012751 | .0012626 | -.002263 |
| Stddev | .020958  | .000384  | .0000702 | .000854  | .0004119 | .0055554 | .001876  |
| %RSD   | 13.15536 | 14.59448 | 469.7263 | 384.8935 | 32.30700 | 439.9777 | 82.87741 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.182528 | -.002308 | -.000060 | -.000676 | .0017147 | .0054658 | -.000836 |
| #2 | -.153623 | -.003057 | .000026  | -.000753 | .0008979 | .0033578 | -.001566 |
| #3 | -.141787 | -.002532 | .000079  | .000764  | .0012127 | -.005036 | -.004387 |

Sample Name: CCB06      Acquired: 4/10/2025 15:48:39      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0009861 | -.003542 | -.000277 |
| Stddev | .0044133 | .000602  | .000057  |
| %RSD   | 447.5310 | 16.98987 | 20.68765 |
| #1     | -.001949 | -.003062 | -.000300 |
| #2     | .006061  | -.004217 | -.000212 |
| #3     | -.001154 | -.003347 | -.000319 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3282.606 | 82536.40 | 14671.99 | 2201.877 | 5439.543 |
| Stddev    | 14.099   | 114.38   | 78.72    | 6.300    | 21.626   |
| %RSD      | .4294973 | .1385794 | .5365359 | .2861234 | .3975691 |
| #1        | 3295.757 | 82667.04 | 14708.36 | 2197.640 | 5456.059 |
| #2        | 3284.341 | 82454.29 | 14725.95 | 2198.874 | 5447.506 |
| #3        | 3267.720 | 82487.86 | 14581.66 | 2209.117 | 5415.065 |

Sample Name: WATER MDL-5      Acquired: 4/10/2025 15:52:59      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0040235 | .0086178 | .0021002 | .0027784 | .0129291 | .0197929 | .0137773 |
| Stddev | .0014892 | .0016663 | .0010452 | .0026308 | .0025837 | .0018308 | .0005551 |
| %RSD   | 37.01244 | 19.33484 | 49.76572 | 94.68534 | 19.98388 | 9.249758 | 4.029184 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0025970 | .0087511 | .0010607 | .0057369 | .0099459 | .0187913 | .0134006 |
| #2 | .0055684 | .0068890 | .0031509 | .0018962 | .0144525 | .0186815 | .0135165 |
| #3 | .0039053 | .0102135 | .0020889 | .0007022 | .0143890 | .0219060 | .0144148 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0013979 | .0013060 | .4573054 | .0019170 | .0071615 | .0055788 | .0201520 |
| Stddev | .0000374 | .0000572 | .0056158 | .0000609 | .0002768 | .0001766 | .0061225 |
| %RSD   | 2.677185 | 4.381664 | 1.228028 | 3.177445 | 3.864724 | 3.164933 | 30.38163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0013821 | .0012555 | .4508727 | .0019644 | .0071377 | .0056685 | .0237878 |
| #2 | .0013710 | .0012943 | .4612307 | .0019383 | .0068974 | .0056924 | .0130833 |
| #3 | .0014407 | .0013682 | .4598128 | .0018483 | .0074494 | .0053753 | .0235848 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0005435 | .5010994 | .0093939 | .0029971 | .1870645 | .0083377 | .0085101 |
| Stddev | .0002588 | .0103671 | .0002858 | .0002626 | .0056007 | .0010772 | .0003584 |
| %RSD   | 47.61101 | 2.068878 | 3.042350 | 8.761286 | 2.993998 | 12.91965 | 4.211591 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004304 | .4913956 | .0090947 | .0028651 | .1806005 | .0079345 | .0083972 |
| #2 | .0003605 | .4998804 | .0096640 | .0028267 | .1901246 | .0095583 | .0089114 |
| #3 | .0008396 | .5120221 | .0094229 | .0032995 | .1904685 | .0075202 | .0082217 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2901734 | .0187435 | .0511392 | .0081911 | .0096674 | .0907073 | .0035053 |
| Stddev | .0122579 | .0006059 | .0005587 | .0002626 | .0006195 | .0051306 | .0017459 |
| %RSD   | 4.224324 | 3.232398 | 1.092442 | 3.205322 | 6.407565 | 5.656224 | 49.80862 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3004330 | .0188476 | .0506419 | .0083754 | .0097168 | .0960386 | .0055193 |
| #2 | .2934880 | .0180923 | .0510321 | .0083075 | .0102607 | .0858043 | .0025776 |
| #3 | .2765990 | .0192905 | .0517437 | .0078905 | .0090248 | .0902789 | .0024191 |

Sample Name: WATER MDL-5      Acquired: 4/10/2025 15:52:59      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0025723 | .0001341 | .0044138 |
| Stddev | .0010609 | .0008327 | .0000697 |
| %RSD   | 41.24284 | 620.8001 | 1.579129 |
| #1     | .0033332 | -.000751 | .0044942 |
| #2     | .0030232 | .000251  | .0043769 |
| #3     | .0013604 | .000902  | .0043702 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3300.804 | 83108.72 | 15156.23 | 2223.240 | 5463.514 |
| Stddev    | 5.354    | 122.60   | 141.89   | 9.370    | 3.027    |
| %RSD      | .1622055 | .1475200 | .9362120 | .4214389 | .0553952 |
| #1        | 3305.930 | 83174.59 | 15127.99 | 2216.827 | 5462.721 |
| #2        | 3301.235 | 82967.26 | 15310.12 | 2218.901 | 5466.858 |
| #3        | 3295.248 | 83184.30 | 15030.58 | 2233.993 | 5460.963 |

Sample Name: SOIL MDL-4      Acquired: 4/10/2025 16:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0049587 | .0068798 | .0018826 | .0017424 | .0123722 | .0257507 | .0135319 |
| Stddev | .0019888 | .0008945 | .0005111 | .0012718 | .0018063 | .0033367 | .0002490 |
| %RSD   | 40.10671 | 13.00136 | 27.14668 | 72.99433 | 14.59948 | 12.95781 | 1.839734 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0070924 | .0078292 | .0013023 | .0031222 | .0128493 | .0286991 | .0132444 |
| #2 | .0031566 | .0067573 | .0022657 | .0006170 | .0138921 | .0221285 | .0136737 |
| #3 | .0046271 | .0060529 | .0020797 | .0014879 | .0103753 | .0264244 | .0136775 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014013 | .0013005 | .4609824 | .0019785 | .0071116 | .0055477 | .0185920 |
| Stddev | .0000403 | .0000188 | .0073986 | .0001681 | .0001489 | .0002847 | .0035139 |
| %RSD   | 2.875420 | 1.445575 | 1.604970 | 8.498672 | 2.093512 | 5.131657 | 18.90005 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014426 | .0013222 | .4596419 | .0018202 | .0070080 | .0052215 | .0225379 |
| #2 | .0013621 | .0012885 | .4543456 | .0021550 | .0072822 | .0057459 | .0174371 |
| #3 | .0013992 | .0012909 | .4689596 | .0019604 | .0070447 | .0056758 | .0158008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0017088 | .5061459 | .0094145 | .0031633 | .1882874 | .0084191 | .0087130 |
| Stddev | .0006039 | .0109847 | .0001595 | .0002256 | .0025396 | .0007502 | .0000709 |
| %RSD   | 35.33930 | 2.170255 | 1.694552 | 7.131814 | 1.348766 | 8.910754 | .8139369 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0010553 | .5027488 | .0095379 | .0034070 | .1911890 | .0076169 | .0087419 |
| #2 | .0022462 | .4972611 | .0094711 | .0031213 | .1872039 | .0085373 | .0087649 |
| #3 | .0018248 | .5184278 | .0092343 | .0029617 | .1864693 | .0091033 | .0086322 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2896234 | .0191734 | .0517097 | .0089976 | .0103676 | .0950767 | .0001001 |
| Stddev | .0101135 | .0004193 | .0001915 | .0005674 | .0002349 | .0104604 | .0010178 |
| %RSD   | 3.491943 | 2.186978 | .3703976 | 6.306195 | 2.266030 | 11.00201 | 1016.438 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .2998792 | .0188993 | .0515000 | .0092956 | .0105070 | .0947421 | .0012200 |
| #2 | .2893323 | .0189648 | .0517538 | .0083433 | .0104994 | .0847877 | -.000151 |
| #3 | .2796586 | .0196561 | .0518754 | .0093539 | .0100963 | .1057003 | -.000769 |

Sample Name: SOIL MDL-4      Acquired: 4/10/2025 16:09:14      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0062634 | .0001725 | .0043774 |
| Stddev | .0028628 | .0011089 | .0000239 |
| %RSD   | 45.70665 | 642.6939 | .5456699 |
| #1     | .0030592 | -.000523 | .0044009 |
| #2     | .0071616 | -.000411 | .0043532 |
| #3     | .0085695 | .001451  | .0043782 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3258.679 | 79301.19 | 14662.18 | 2154.381 | 5368.867 |
| Stddev    | 1.806    | 151.59   | 67.93    | 14.312   | 4.515    |
| %RSD      | .0554204 | .1911610 | .4633127 | .6643004 | .0840964 |
| #1        | 3259.251 | 79224.97 | 14718.05 | 2151.798 | 5369.983 |
| #2        | 3256.656 | 79475.77 | 14681.92 | 2169.808 | 5372.719 |
| #3        | 3260.129 | 79202.84 | 14586.56 | 2141.537 | 5363.898 |



Sample Name: Q1746-01      Acquired: 4/10/2025 16:17:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0835356 | .0175518 | 2.300192 | -.045518 | .0194045 | 107.6618 | .4548957 |
| Stddev | .0008229 | .0006666 | .005182  | .002139  | .0021375 | .1435    | .0014131 |
| %RSD   | .9850830 | 3.798056 | .2252710 | 4.698997 | 11.01534 | .1332582 | .3106518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0827240 | .0169526 | 2.294456 | -.044083 | .0179991 | 107.8118 | .4558797 |
| #2 | .0843693 | .0174330 | 2.304533 | -.047976 | .0218643 | 107.5259 | .4555310 |
| #3 | .0835136 | .0182699 | 2.301588 | -.044494 | .0183500 | 107.6477 | .4532764 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0087367 | -.000837 | 39.54465 | .2287103 | .2132220 | 1.782942 | 474.1039 |
| Stddev | .0000559 | .000578  | .15838   | .0003622 | .0001836 | .004457  | 1.3941   |
| %RSD   | .6393787 | 69.01484 | .4005176 | .1583703 | .0860927 | .2499945 | .2940599 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087878 | -.000583 | 39.55612 | .2284877 | .2130293 | 1.782110 | 472.6501 |
| #2 | .0087453 | -.000430 | 39.69699 | .2291283 | .2132418 | 1.787757 | 474.2319 |
| #3 | .0086771 | -.001498 | 39.38085 | .2285150 | .2133948 | 1.778960 | 475.4296 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.422678 | 51.61666 | .3889980 | .0132349 | 2.589314 | .5152524 | 3.174960 |
| Stddev | .012352  | .11011   | .0016672 | .0004850 | .001843  | .0015365 | .015514  |
| %RSD   | .2277895 | .2133199 | .4285835 | 3.664644 | .0711891 | .2982080 | .4886317 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.421596 | 51.70687 | .3876919 | .0127402 | 2.591407 | .5169115 | 3.188990 |
| #2 | 5.435535 | 51.64915 | .3908758 | .0132550 | 2.587935 | .5138784 | 3.158299 |
| #3 | 5.410902 | 51.49396 | .3884262 | .0137096 | 2.588599 | .5149673 | 3.177591 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.776130 | .6599913 | .0024080 | .2353944 | 6.265579 | 3.836564 | 8.811507 |
| Stddev | .017296  | .0025088 | .0005550 | .0014070 | .015837  | .022024  | .031819  |
| %RSD   | .2224222 | .3801299 | 23.04645 | .5977375 | .2527586 | .5740439 | .3611070 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.757438 | .6582611 | .0030064 | .2369105 | 6.275764 | 3.822161 | 8.836445 |
| #2 | 7.791567 | .6588441 | .0023073 | .2351423 | 6.273640 | 3.825615 | 8.822405 |
| #3 | 7.779385 | .6628686 | .0019103 | .2341305 | 6.247333 | 3.861917 | 8.775671 |

Sample Name: Q1746-01      Acquired: 4/10/2025 16:17:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | 1.036902 | .4452730 | .1905896 |
| Stddev | .003879  | .0003473 | .0003333 |
| %RSD   | .3740831 | .0779892 | .1748612 |
| #1     | 1.037943 | .4452298 | .1905148 |
| #2     | 1.040155 | .4449494 | .1909539 |
| #3     | 1.032609 | .4456399 | .1903000 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3397.041 | 83397.50 | 16592.67 | 2213.856 | 4623.488 |
| Stddev    | 8.844    | 66.73    | 38.68    | 11.301   | 11.942   |
| %RSD      | .2603501 | .0800148 | .2331443 | .5104509 | .2582872 |
| #1        | 3406.104 | 83357.45 | 16575.87 | 2200.846 | 4636.862 |
| #2        | 3388.433 | 83360.52 | 16565.23 | 2219.484 | 4613.893 |
| #3        | 3396.589 | 83474.54 | 16636.92 | 2221.236 | 4619.708 |

Sample Name: Q1746-03      Acquired: 4/10/2025 16:22:05      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0445984 | .0014404 | .0956505 | -.015871 | -.002092 | 102.8554 |
| Stddev | .0041228 | .0013437 | .0025970 | .002911  | .001334  | .2019    |
| %RSD   | 9.244252 | 93.28597 | 2.715116 | 18.33955 | 63.75880 | .1962746 |
| #1     | .0471645 | .0028652 | .0926519 | -.015082 | -.002017 | 102.8039 |
| #2     | .0467879 | .0001960 | .0971826 | -.019095 | -.000798 | 103.0780 |
| #3     | .0398428 | .0012601 | .0971169 | -.013436 | -.003462 | 102.6842 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1335195 | .0059146 | -.006503 | 10.91897 | .2072167 | .0889767 |
| Stddev | .0010351 | .0000159 | .000229  | .01689   | .0010870 | .0006238 |
| %RSD   | .7752013 | .2693237 | 3.516639 | .1546752 | .5245741 | .7011115 |
| #1     | .1343866 | .0059238 | -.006512 | 10.93844 | .2068232 | .0896168 |
| #2     | .1323736 | .0059238 | -.006269 | 10.91019 | .2063812 | .0883705 |
| #3     | .1337984 | .0058962 | -.006726 | 10.90828 | .2084456 | .0889428 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2731150 | 193.5334 | 1.267854 | 47.40466 | .1924330 | .0078183 |
| Stddev | .0002362 | .6467    | .001179  | .06373   | .0002890 | .0001335 |
| %RSD   | .0864846 | .3341711 | .0929727 | .1344397 | .1502027 | 1.707380 |
| #1     | .2729675 | 192.9194 | 1.267860 | 47.35548 | .1921126 | .0078600 |
| #2     | .2729901 | 193.4723 | 1.269030 | 47.38185 | .1926742 | .0079259 |
| #3     | .2733874 | 194.2086 | 1.266673 | 47.47666 | .1925122 | .0076689 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.387876 | .2439455 | .5397365 | 13.83932 | .3232059 | .0038354 |
| Stddev | .010622  | .0015557 | .0028038 | .01841   | .0014100 | .0003799 |
| %RSD   | .4448482 | .6377415 | .5194759 | .1329961 | .4362629 | 9.904658 |
| #1     | 2.391186 | .2456613 | .5418101 | 13.81811 | .3224329 | .0039439 |
| #2     | 2.375993 | .2435484 | .5365464 | 13.85115 | .3223513 | .0034131 |
| #3     | 2.396450 | .2426268 | .5408529 | 13.84869 | .3248333 | .0041493 |

Sample Name: Q1746-03      Acquired: 4/10/2025 16:22:05      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000922 | 4.648098 | 6.510064 | 3.733486 | F 20.95804 | .2588705 |
| Stddev | .000237  | .008887  | .040313  | .004785  | .03638     | .0012305 |
| %RSD   | 25.68029 | .1911989 | .6192385 | .1281545 | .1735763   | .4753487 |
| #1     | -.000849 | 4.650236 | 6.467344 | 3.728262 | 20.91693   | .2574929 |
| #2     | -.001187 | 4.655721 | 6.547435 | 3.734544 | 20.97110   | .2592579 |
| #3     | -.000731 | 4.638337 | 6.515414 | 3.737654 | 20.98608   | .2598607 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .0714022 |
| Stddev | .0000739 |
| %RSD   | .1034934 |
| #1     | .0714346 |
| #2     | .0714543 |
| #3     | .0713176 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3286.668 | 78840.26 | 15826.59 | 2127.088 | 4865.768 |
| Stddev    | 9.359    | 189.44   | 21.02    | 4.081    | 9.176    |
| %RSD      | .2847581 | .2402882 | .1327835 | .1918758 | .1885809 |
| #1        | 3276.559 | 78915.96 | 15803.82 | 2122.381 | 4857.162 |
| #2        | 3288.413 | 78980.15 | 15845.25 | 2129.253 | 4864.720 |
| #3        | 3295.031 | 78624.68 | 15830.70 | 2129.632 | 4875.423 |

Sample Name: PB167490BL      Acquired: 4/10/2025 16:26:10      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0004559 | -.002496 | -.001414 | -.003431 | .0002525 | -.002347 | -.009503 |
| Stddev | .0015116 | .001158  | .000599  | .001965  | .0014678 | .003967  | .000360  |
| %RSD   | 331.5708 | 46.38697 | 42.37698 | 57.28214 | 581.2424 | 169.0106 | 3.793023 |
| #1     | -.001157 | -.001554 | -.002052 | -.005373 | -.001202 | -.006649 | -.009088 |
| #2     | .000684  | -.003788 | -.000863 | -.001443 | .000226  | -.001556 | -.009736 |
| #3     | .001841  | -.002146 | -.001327 | -.003478 | .001734  | .001165  | -.009686 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000661 | -.000133 | -.015449 | -.000238 | -.000364 | -.000391 | .0005003 |
| Stddev | .0000193 | .000037  | .003033  | .000326  | .000111  | .000297  | .0052291 |
| %RSD   | 29.19425 | 27.86169 | 19.63491 | 137.3150 | 30.46635 | 75.98104 | 1045.240 |
| #1     | .0000876 | -.000155 | -.018949 | -.000242 | -.000478 | -.000268 | -.005340 |
| #2     | .0000606 | -.000154 | -.013581 | .000091  | -.000360 | -.000175 | .002092  |
| #3     | .0000502 | -.000090 | -.013817 | -.000562 | -.000256 | -.000730 | .004749  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003558 | -.012483 | -.000357 | .0006034 | -.340659 | -.001054 | -.001830 |
| Stddev | .000210  | .002252  | .000043  | .0003561 | .004764  | .000882  | .000102  |
| %RSD   | 5.902307 | 18.04243 | 12.09496 | 59.01465 | 1.398345 | 83.70822 | 5.567573 |
| #1     | -.003402 | -.014908 | -.000350 | .0010071 | -.343771 | -.001234 | -.001841 |
| #2     | -.003797 | -.010457 | -.000404 | .0004687 | -.343032 | -.001832 | -.001926 |
| #3     | -.003475 | -.012083 | -.000318 | .0003343 | -.335175 | -.000096 | -.001723 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.223327 | -.006479 | -.000405 | -.000872 | .0008426 | .0003006 | -.002443 |
| Stddev | .006914  | .000195  | .000122  | .000074  | .0004214 | .0050644 | .000791  |
| %RSD   | 3.095724 | 3.004925 | 30.09100 | 8.534112 | 50.01653 | 1685.025 | 32.37250 |
| #1     | -.229146 | -.006608 | -.000405 | -.000953 | .0006398 | -.002756 | -.002775 |
| #2     | -.225152 | -.006573 | -.000282 | -.000807 | .0013270 | .006146  | -.001541 |
| #3     | -.215684 | -.006255 | -.000526 | -.000858 | .0005609 | -.002489 | -.003015 |

Sample Name: PB167490BL      Acquired: 4/10/2025 16:26:10      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0012847 | -.005144 | -.000380 |
| Stddev | .0031200 | .000840  | .000056  |
| %RSD   | 242.8509 | 16.32655 | 14.87039 |
| #1     | .0029178 | -.006089 | -.000318 |
| #2     | .0032492 | -.004860 | -.000429 |
| #3     | -.002313 | -.004482 | -.000392 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3282.597 | 78849.75 | 14167.22 | 2165.689 | 5472.931 |
| Stddev    | 11.185   | 130.81   | 71.69    | 8.961    | 11.004   |
| %RSD      | .3407235 | .1658918 | .5060213 | .4137563 | .2010626 |
| #1        | 3279.573 | 78718.13 | 14144.86 | 2156.090 | 5473.310 |
| #2        | 3294.983 | 78851.41 | 14247.42 | 2167.144 | 5483.741 |
| #3        | 3273.235 | 78979.72 | 14109.37 | 2173.833 | 5461.742 |

Sample Name: PB167490BS      Acquired: 4/10/2025 16:39:31      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7745465 | 1.924436 | .9179780 | 1.982508 | .8100457 | 1.872501 |
| Stddev | .0032124 | .031383  | .0011472 | .010032  | .0047135 | .003909  |
| %RSD   | .4147402 | 1.630782 | .1249664 | .5060391 | .5818761 | .2087614 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7777565 | 1.955065 | .9187295 | 1.991260 | .8154771 | 1.873919 |
| #2 | .7713318 | 1.892349 | .9185469 | 1.971559 | .8070265 | 1.875504 |
| #3 | .7745513 | 1.925895 | .9166575 | 1.984705 | .8076336 | 1.868081 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1639784 | .1804996 | .1839290 | .9337657 | .3924149 | .1851046 |
| Stddev | .0014985 | .0015535 | .0002358 | .0120476 | .0005850 | .0006337 |
| %RSD   | .9138655 | .8606789 | .1282218 | 1.290211 | .1490818 | .3423410 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1647327 | .1803295 | .1839561 | .9326740 | .3917446 | .1854682 |
| #2 | .1649500 | .1821312 | .1836808 | .9463220 | .3928225 | .1843729 |
| #3 | .1622526 | .1790381 | .1841501 | .9223012 | .3926776 | .1854727 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3045438 | 2.799601 | .1783515 | 1.818153 | .4766853 | .0731190 |
| Stddev | .0002781 | .008879  | .0014877 | .013008  | .0018037 | .0005194 |
| %RSD   | .0913295 | .3171697 | .8341328 | .7154750 | .3783845 | .7102973 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3046237 | 2.792846 | .1780968 | 1.832395 | .4784563 | .0734339 |
| #2 | .3042345 | 2.796299 | .1799501 | 1.815165 | .4748506 | .0734036 |
| #3 | .3047733 | 2.809659 | .1770076 | 1.806898 | .4767490 | .0725196 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.690104 | .2745307 | .1990242 | 9.006831 | .2708898 | .3980671 |
| Stddev | .035849  | .0028238 | .0011123 | .057372  | .0032787 | .0021544 |
| %RSD   | 1.332636 | 1.028587 | .5588547 | .6369841 | 1.210354 | .5412053 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.688323 | .2738711 | .1983432 | 9.011830 | .2713426 | .3992720 |
| #2 | 2.655178 | .2776259 | .2003077 | 8.947122 | .2739186 | .3955798 |
| #3 | 2.726811 | .2720951 | .1984216 | 9.061539 | .2674083 | .3993494 |

Sample Name: PB167490BS      Acquired: 4/10/2025 16:39:31      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6462179 | .1826255 | .7726328 | 5.554306 | F -.010424 | .1859371 |
| Stddev | .0018674 | .0009435 | .0110139 | .021577  | .001650    | .0016517 |
| %RSD   | .2889682 | .5166163 | 1.425505 | .3884733 | 15.82828   | .8883098 |
| #1     | .6480996 | .1831245 | .7636063 | 5.568739 | -.012130   | .1862146 |
| #2     | .6443652 | .1832147 | .7693873 | 5.529501 | -.010306   | .1841642 |
| #3     | .6461888 | .1815373 | .7849048 | 5.564676 | -.008836   | .1874325 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1810779 |
| Stddev | .0003474 |
| %RSD   | .1918564 |
| #1     | .1812152 |
| #2     | .1813357 |
| #3     | .1806828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3161.822 | 76924.57 | 13991.34 | 2052.026 | 5183.615 |
| Stddev    | 11.278   | 133.18   | 108.02   | 2.408    | 15.272   |
| %RSD      | .3566848 | .1731258 | .7720439 | .1173503 | .2946284 |
| #1        | 3152.747 | 76864.61 | 13973.07 | 2051.692 | 5171.679 |
| #2        | 3174.448 | 77077.18 | 13893.62 | 2049.803 | 5200.825 |
| #3        | 3158.270 | 76831.91 | 14107.33 | 2054.584 | 5178.340 |



Sample Name: PB167517TB      Acquired: 4/10/2025 16:43:33      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.004846 | -.006992 | -.001117 | .0002871 | .0013805 | .0125208 |
| Stddev | .002741  | .001938  | .000171  | .0020351 | .0015464 | .0027702 |
| %RSD   | 56.55959 | 27.72254 | 15.35358 | 708.8395 | 112.0162 | 22.12455 |
| #1     | -.002040 | -.008268 | -.001164 | .0018406 | -.000153 | .0110055 |
| #2     | -.004982 | -.004761 | -.001259 | -.002017 | .001355  | .0157181 |
| #3     | -.007517 | -.007945 | -.000926 | .001037  | .002939  | .0108389 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.011605 | -.000170 | -.000229 | .0085231 | -.000468 | -.000592 |
| Stddev | .000630  | .000040  | .000036  | .0066801 | .000149  | .000227  |
| %RSD   | 5.431343 | 23.59452 | 15.48828 | 78.37607 | 31.77495 | 38.40346 |
| #1     | -.011646 | -.000130 | -.000209 | .0035067 | -.000635 | -.000369 |
| #2     | -.012214 | -.000169 | -.000270 | .0059569 | -.000419 | -.000824 |
| #3     | -.010956 | -.000210 | -.000209 | .0161058 | -.000350 | -.000582 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000617 | .0240945 | -.003090 | .0096845 | -.000459 | .0008603 |
| Stddev | .000443  | .0036356 | .000106  | .0199481 | .000113  | .0002048 |
| %RSD   | 71.80105 | 15.08884 | 3.416274 | 205.9806 | 24.54513 | 23.80540 |
| #1     | -.001096 | .0200006 | -.002971 | -.011208 | -.000576 | .0010207 |
| #2     | -.000223 | .0253365 | -.003174 | .011731  | -.000351 | .0009305 |
| #3     | -.000531 | .0269462 | -.003124 | .028530  | -.000450 | .0006296 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.461330 | -.001846 | .0009160 | -.358408 | -.006784 | -.000205 |
| Stddev | .001071  | .001002  | .0000916 | .009662  | .000321  | .000104  |
| %RSD   | .2321062 | 54.28126 | 9.996412 | 2.695685 | 4.738352 | 50.91083 |
| #1     | -.461993 | -.001837 | .0008143 | -.359455 | -.006413 | -.000126 |
| #2     | -.460095 | -.000848 | .0009918 | -.367503 | -.006951 | -.000166 |
| #3     | -.461903 | -.002852 | .0009421 | -.348265 | -.006987 | -.000324 |

Sample Name: PB167517TB      Acquired: 4/10/2025 16:43:33      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000320 | .0010189 | .0167590 | .0036072 | F 14.76014 | -.006459 |
| Stddev | .000509  | .0002192 | .0055259 | .0008908 | .03182     | .000571  |
| %RSD   | 158.8776 | 21.51161 | 32.97275 | 24.69551 | .2155743   | 8.838340 |
| #1     | .000174  | .0010586 | .0182533 | .0043391 | 14.77605   | -.006538 |
| #2     | -.000293 | .0012155 | .0213840 | .0026153 | 14.72351   | -.005853 |
| #3     | -.000842 | .0007826 | .0106396 | .0038672 | 14.78087   | -.006987 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | -.000342 |
| Stddev | .000070  |
| %RSD   | 20.53066 |
| #1     | -.000324 |
| #2     | -.000419 |
| #3     | -.000283 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3208.516 | 79557.98 | 15780.80 | 2098.872 | 5474.087 |
| Stddev    | 12.637   | 96.41    | 60.03    | 3.910    | 13.943   |
| %RSD      | .3938714 | .1211803 | .3803749 | .1863063 | .2547047 |
| #1        | 3194.175 | 79494.54 | 15726.11 | 2096.449 | 5458.279 |
| #2        | 3218.025 | 79668.92 | 15771.26 | 2103.383 | 5479.349 |
| #3        | 3213.347 | 79510.47 | 15845.02 | 2096.783 | 5484.633 |

Sample Name: Q1744-02      Acquired: 4/10/2025 16:47:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.005155 | -.008438 | .0004068 | .0017467 | .0013650 | .0162619 | .1556782 |
| Stddev | .001944  | .000914  | .0019593 | .0006162 | .0024428 | .0050281 | .0000900 |
| %RSD   | 37.71962 | 10.82672 | 481.6613 | 35.27930 | 178.9532 | 30.91936 | .0578233 |
| #1     | -.003250 | -.009156 | .0014167 | .0013980 | .0002942 | .0107931 | .1557597 |
| #2     | -.007136 | -.007410 | -.001851 | .0024582 | .0041603 | .0173080 | .1555816 |
| #3     | -.005078 | -.008748 | .001655  | .0013840 | -.000359 | .0206846 | .1556934 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000044 | .0000608 | 8.527603 | .0022662 | .0008161 | .0097917 | .0134572 |
| Stddev | .000029  | .0000919 | .022699  | .0000694 | .0000889 | .0001040 | .0054973 |
| %RSD   | 65.31788 | 151.1942 | .2661789 | 3.062537 | 10.89716 | 1.062140 | 40.85050 |
| #1     | -.000033 | -.000041 | 8.535299 | .0022250 | .0009151 | .0097305 | .0197133 |
| #2     | -.000023 | .000137  | 8.502057 | .0023463 | .0007431 | .0099118 | .0112596 |
| #3     | -.000077 | .000087  | 8.545453 | .0022273 | .0007900 | .0097328 | .0093986 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8621366 | .9411583 | .0026539 | .0004658 | 347.6210 | -.002530 | .0416353 |
| Stddev | .0017886 | .0040625 | .0002203 | .0000394 | 2.5527   | .001309  | .0003131 |
| %RSD   | .2074621 | .4316488 | 8.300947 | 8.461020 | .7343353 | 51.71958 | .7520393 |
| #1     | .8626715 | .9382056 | .0024671 | .0005081 | 350.2989 | -.002391 | .0417039 |
| #2     | .8601416 | .9457914 | .0028968 | .0004590 | 347.3487 | -.003903 | .0412935 |
| #3     | .8635968 | .9394779 | .0025978 | .0004302 | 345.2153 | -.001297 | .0419084 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7708686 | .0087433 | -.000182 | -.000756 | .0009193 | .5998658 | .0281083 |
| Stddev | .0106958 | .0002178 | .000161  | .000548  | .0008430 | .0071060 | .0033515 |
| %RSD   | 1.387503 | 2.491168 | 88.37506 | 72.46446 | 91.70051 | 1.184594 | 11.92347 |
| #1     | .7698404 | .0089113 | -.000177 | -.000884 | -.000036 | .5970981 | .0258747 |
| #2     | .7820415 | .0084972 | -.000346 | -.000156 | .001233  | .5945600 | .0264881 |
| #3     | .7607241 | .0088214 | -.000024 | -.001229 | .001560  | .6079391 | .0319620 |

Sample Name: Q1744-02      Acquired: 4/10/2025 16:47:52      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .1799271 | -.007523 | .0703640 |
| Stddev | .0020565 | .000349  | .0001215 |
| %RSD   | 1.142935 | 4.632364 | .1727027 |
| #1     | .1822590 | -.007922 | .0702930 |
| #2     | .1783733 | -.007275 | .0702947 |
| #3     | .1791489 | -.007372 | .0705043 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2998.482 | 73624.64 | 14216.32 | 2002.564 | 4655.128 |
| Stddev    | 3.775    | 332.17   | 68.81    | 12.708   | 5.302    |
| %RSD      | .1259119 | .4511699 | .4839881 | .6345724 | .1139047 |
| #1        | 2996.997 | 74007.98 | 14275.49 | 2017.229 | 4650.982 |
| #2        | 3002.774 | 73421.61 | 14232.64 | 1995.680 | 4661.103 |
| #3        | 2995.674 | 73444.35 | 14140.82 | 1994.785 | 4653.298 |

Sample Name: Q1744-04      Acquired: 4/10/2025 16:52:18      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0018050 | -.006781 | .0073879 | .0019707 | .0000622 | .1208300 | .4346153 |
| Stddev | .0011749 | .001556  | .0013935 | .0007570 | .0005008 | .0036745 | .0006599 |
| %RSD   | 65.09408 | 22.94088 | 18.86208 | 38.41537 | 805.6457 | 3.041082 | .1518446 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0004907 | -.006175 | .0089588 | .0024529 | -.000370 | .1173425 | .4342153 |
| #2 | .0027537 | -.008548 | .0069043 | .0023609 | -.000054 | .1246667 | .4342536 |
| #3 | .0021705 | -.005620 | .0063006 | .0010981 | .000611  | .1204807 | .4353770 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000749 | -.000824 | 5.092565 | .0000358 | .0011571 | .0100796 | 13.57094 |
| Stddev | .0000163 | .000043  | .016478  | .0000792 | .0000409 | .0004496 | .04726   |
| %RSD   | 21.78475 | 5.249046 | .3235674 | 221.1987 | 3.535741 | 4.460581 | .3482564 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000844 | -.000845 | 5.074074 | .0000470 | .0011191 | .0105303 | 13.51901 |
| #2 | .0000561 | -.000854 | 5.105694 | .0001089 | .0011519 | .0100773 | 13.58236 |
| #3 | .0000843 | -.000775 | 5.097927 | -.000048 | .0012004 | .0096311 | 13.61144 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1912062 | 1.209316 | .0030462 | .0007464 | 352.4438 | .0008276 | .2179503 |
| Stddev | .0010886 | .008435  | .0000807 | .0002620 | 3.5875   | .0005625 | .0015029 |
| %RSD   | .5693141 | .6974736 | 2.650568 | 35.09606 | 1.017894 | 67.96337 | .6895781 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .1919916 | 1.202329 | .0029635 | .0008380 | 352.8181 | .0005337 | .2194429 |
| #2 | .1899636 | 1.218686 | .0030505 | .0004510 | 355.8295 | .0014762 | .2164372 |
| #3 | .1916634 | 1.206932 | .0031248 | .0009503 | 348.6839 | .0004730 | .2179709 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.358511 | .1091500 | .0003259 | -.001283 | .0028892 | .6414374 | .0169313 |
| Stddev | .009728  | .0006335 | .0001460 | .000891  | .0007051 | .0026482 | .0019391 |
| %RSD   | .7161006 | .5803752 | 44.78098 | 69.42617 | 24.40530 | .4128598 | 11.45256 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.369208 | .1084834 | .0004648 | -.000279 | .0022226 | .6444918 | .0151953 |
| #2 | 1.356130 | .1097441 | .0003393 | -.001977 | .0028178 | .6400371 | .0165747 |
| #3 | 1.350194 | .1092225 | .0001738 | -.001592 | .0036274 | .6397834 | .0190239 |

Sample Name: Q1744-04      Acquired: 4/10/2025 16:52:18      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6067970 | -.002064 | .0358079 |
| Stddev | .0036124 | .000772  | .0001046 |
| %RSD   | .5953217 | 37.40498 | .2920305 |
| #1     | .6026260 | -.002648 | .0358192 |
| #2     | .6088489 | -.002356 | .0356982 |
| #3     | .6089162 | -.001189 | .0359065 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3006.996 | 73044.42 | 13862.06 | 1971.017 | 4693.289 |
| Stddev    | 4.222    | 203.16   | 49.21    | 2.394    | 6.147    |
| %RSD      | .1403957 | .2781296 | .3549690 | .1214768 | .1309710 |
| #1        | 3004.390 | 73065.64 | 13830.97 | 1971.490 | 4688.606 |
| #2        | 3011.867 | 72831.49 | 13836.42 | 1968.422 | 4700.249 |
| #3        | 3004.732 | 73236.14 | 13918.79 | 1973.141 | 4691.011 |

Sample Name: CCV07      Acquired: 4/10/2025 16:56:43      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.915192 | 4.910137 | 4.741338 | 5.021254 | 5.104803 | 10.08484 |
| Stddev | .017894  | .058149  | .012849  | .020552  | .019148  | .01273   |
| %RSD   | .3640463 | 1.184266 | .2710098 | .4092929 | .3750988 | .1261884 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.902274 | 4.845425 | 4.728210 | 5.000158 | 5.086711 | 10.07047 |
| #2 | 4.907685 | 4.926983 | 4.741917 | 5.022388 | 5.102841 | 10.08936 |
| #3 | 4.935616 | 4.958004 | 4.753889 | 5.041214 | 5.124856 | 10.09468 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.568702 | .2409834 | 2.354417 | 24.15864 | 1.020500 | 2.458615 |
| Stddev | .057941  | .0008350 | .006909  | .06284   | .003582  | .008710  |
| %RSD   | .6055255 | .3465132 | .2934620 | .2601098 | .3510001 | .3542601 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.535862 | .2417985 | 2.347675 | 24.23069 | 1.018090 | 2.449175 |
| #2 | 9.635603 | .2401297 | 2.354093 | 24.11516 | 1.018794 | 2.460330 |
| #3 | 9.534642 | .2410219 | 2.361483 | 24.13007 | 1.024616 | 2.466340 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.290446 | 4.817954 | 2.382141 | 24.53129 | 2.504086 | 1.261753 |
| Stddev | .003274  | .026286  | .008254  | .04708   | .005629  | .005198  |
| %RSD   | .2537154 | .5455916 | .3464754 | .1919276 | .2247815 | .4119754 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.288213 | 4.804940 | 2.391631 | 24.53191 | 2.497616 | 1.257498 |
| #2 | 1.288920 | 4.800714 | 2.378152 | 24.48390 | 2.506782 | 1.260214 |
| #3 | 1.294205 | 4.848209 | 2.376640 | 24.57806 | 2.507860 | 1.267547 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 25.52083 | 2.448149 | 2.555474 | 24.23686 | 4.905122 | 5.026483 |
| Stddev | .17926   | .009473  | .019903  | .12283   | .015551  | .023556  |
| %RSD   | .7024067 | .3869314 | .7788358 | .5067945 | .3170423 | .4686307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 25.32027 | 2.454879 | 2.546769 | 24.10778 | 4.917566 | 5.005451 |
| #2 | 25.57675 | 2.452251 | 2.541407 | 24.25050 | 4.887688 | 5.022061 |
| #3 | 25.66546 | 2.437317 | 2.578246 | 24.35230 | 4.910112 | 5.051935 |

Sample Name: CCV07      Acquired: 4/10/2025 16:56:43      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.799573 | 4.690296 | F 5.807119 | 4.987859 | 4.719225 | 4.704892 |
| Stddev | .017813  | .012942  | .060571    | .017196  | .031013  | .007739  |
| %RSD   | .3711344 | .2759366 | 1.043055   | .3447480 | .6571531 | .1644884 |
| #1     | 4.780087 | 4.704842 | 5.737313   | 4.969016 | 4.687602 | 4.704185 |
| #2     | 4.803615 | 4.685990 | 5.838246   | 4.991860 | 4.720484 | 4.712961 |
| #3     | 4.815018 | 4.680055 | 5.845797   | 5.002702 | 4.749588 | 4.697531 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.676422 |
| Stddev | .039965  |
| %RSD   | .8546075 |
| #1     | 4.705483 |
| #2     | 4.692937 |
| #3     | 4.630846 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3075.039 | 74981.54 | 13383.46 | 1994.318 | 4816.920 |
| Stddev    | 9.215    | 336.29   | 38.33    | 12.788   | 14.386   |
| %RSD      | .2996605 | .4484993 | .2863707 | .6411977 | .2986620 |
| #1        | 3080.374 | 75294.16 | 13341.28 | 1996.513 | 4830.130 |
| #2        | 3080.343 | 75024.72 | 13416.16 | 2005.866 | 4819.036 |
| #3        | 3064.399 | 74625.74 | 13392.94 | 1980.575 | 4801.592 |



Sample Name: CCB07      Acquired: 4/10/2025 17:00:54      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002921 | -.002017 | -.000774 | -.000627 | .0012414 | -.000506 | -.009740 |
| Stddev | .0009891 | .001753  | .000386  | .003673  | .0010680 | .002347  | .001503  |
| %RSD   | 338.5886 | 86.90538 | 49.87802 | 585.4435 | 86.02948 | 463.6928 | 15.42680 |
| #1     | -.000699 | -.000490 | -.001200 | -.004847 | .0023464 | .001917  | -.011027 |
| #2     | .001280  | -.001630 | -.000675 | .001109  | .0011630 | -.002769 | -.010106 |
| #3     | .000295  | -.003931 | -.000447 | .001855  | .0002148 | -.000667 | -.008089 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000734 | -.000052 | -.016382 | -.000060 | -.000173 | -.000466 | -.010993 |
| Stddev | .0000135 | .000062  | .004083  | .000188  | .000150  | .000183  | .002470  |
| %RSD   | 18.39833 | 119.4356 | 24.92483 | 313.7212 | 86.49912 | 39.25040 | 22.46715 |
| #1     | .0000707 | -.000123 | -.021051 | .000079  | -.000221 | -.000270 | -.012947 |
| #2     | .0000614 | -.000024 | -.013474 | .000015  | -.000005 | -.000496 | -.011816 |
| #3     | .0000880 | -.000008 | -.014623 | -.000274 | -.000294 | -.000632 | -.008217 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005102 | -.006949 | -.000023 | .0008350 | -.225739 | -.001555 | -.002077 |
| Stddev | .000224  | .007475  | .000141  | .0000202 | .008087  | .000927  | .000121  |
| %RSD   | 4.392887 | 107.5732 | 602.9888 | 2.414915 | 3.582462 | 59.59100 | 5.837863 |
| #1     | -.005162 | .001390  | -.000116 | .0008582 | -.223511 | -.002278 | -.001943 |
| #2     | -.004855 | -.013048 | .000138  | .0008238 | -.218999 | -.001877 | -.002109 |
| #3     | -.005291 | -.009188 | -.000092 | .0008228 | -.234706 | -.000510 | -.002179 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.179145 | -.002847 | .0002066 | -.000357 | .0014692 | .0035232 | -.002914 |
| Stddev | .021244  | .000754  | .0001680 | .000570  | .0004138 | .0042937 | .002487  |
| %RSD   | 11.85839 | 26.48350 | 81.32679 | 159.7415 | 28.16370 | 121.8671 | 85.34584 |
| #1     | -.203052 | -.003698 | .0003004 | .000300  | .0018786 | .0064700 | -.000122 |
| #2     | -.171951 | -.002579 | .0003068 | -.000723 | .0014778 | .0055028 | -.003727 |
| #3     | -.162433 | -.002263 | .0000126 | -.000648 | .0010512 | -.001403 | -.004893 |

Sample Name: CCB07      Acquired: 4/10/2025 17:00:54      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001468 | -.002779 | -.000225 |
| Stddev | .002086  | .000656  | .000063  |
| %RSD   | 142.0911 | 23.61437 | 28.15704 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .000390  | -.003445 | -.000293 |
| #2 | -.001069 | -.002133 | -.000169 |
| #3 | -.003726 | -.002758 | -.000212 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3233.828 | 78433.74 | 15125.35 | 2105.365 | 5392.858 |
| Stddev    | 12.371   | 429.35   | 105.08   | 14.715   | 15.130   |
| %RSD      | .3825523 | .5474087 | .6947169 | .6989316 | .2805649 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 3223.418 | 78015.41 | 15168.08 | 2089.737 | 5385.561 |
| #2 | 3247.505 | 78412.50 | 15202.34 | 2107.404 | 5410.254 |
| #3 | 3230.561 | 78873.33 | 15005.64 | 2118.954 | 5382.759 |

Sample Name: Q1780-01      Acquired: 4/10/2025 17:05:13      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0028603 | -.006697 | .0157057 | -.000412 | .0022050 | 1.556775 |
| Stddev | .0018615 | .003018  | .0005402 | .002204  | .0008272 | .014453  |
| %RSD   | 65.08036 | 45.06654 | 3.439421 | 535.2259 | 37.51413 | .9284216 |
| #1     | .0031065 | -.008989 | .0156866 | .001954  | .0030693 | 1.572216 |
| #2     | .0008880 | -.007825 | .0162552 | -.000782 | .0021251 | 1.543570 |
| #3     | .0045864 | -.003278 | .0151754 | -.002407 | .0014207 | 1.554539 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0793509 | .0000289 | -.000615 | 89.22546 | .0229608 | .0025838 |
| Stddev | .0000980 | .0000190 | .000096  | .05433   | .0004030 | .0001530 |
| %RSD   | .1234901 | 65.92427 | 15.54636 | .0608937 | 1.755217 | 5.921627 |
| #1     | .0794097 | .0000300 | -.000523 | 89.16514 | .0234040 | .0026125 |
| #2     | .0794051 | .0000093 | -.000714 | 89.24065 | .0226163 | .0027203 |
| #3     | .0792377 | .0000473 | -.000607 | 89.27057 | .0228620 | .0024184 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0149939 | 13.35245 | .4043500 | 8.264430 | .0207760 | .0012595 |
| Stddev | .0003554 | .05830   | .0001796 | .032640  | .0003849 | .0003056 |
| %RSD   | 2.370363 | .4366043 | .0444100 | .3949490 | 1.852458 | 24.26157 |
| #1     | .0151943 | 13.35838 | .4041590 | 8.272066 | .0209543 | .0009155 |
| #2     | .0152039 | 13.29141 | .4043758 | 8.228648 | .0203343 | .0014995 |
| #3     | .0145836 | 13.40755 | .4045153 | 8.292574 | .0210394 | .0013636 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 147.2774 | .0029795 | .2107093 | 12.21450 | .0645400 | .0030627 |
| Stddev | .6739    | .0009641 | .0000909 | .06592   | .0006818 | .0000872 |
| %RSD   | .4575419 | 32.35702 | .0431532 | .5397050 | 1.056362 | 2.847925 |
| #1     | 147.6836 | .0030039 | .2106571 | 12.26463 | .0649872 | .0030430 |
| #2     | 147.6491 | .0039312 | .2106564 | 12.13983 | .0637553 | .0031581 |
| #3     | 146.4996 | .0020035 | .2108143 | 12.23905 | .0648775 | .0029870 |

Sample Name: Q1780-01      Acquired: 4/10/2025 17:05:13      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.002976 | .1164251 | F 13.88386 | 1.412426 | 4.527303 | .0026552 |
| Stddev | .000161  | .0119038 | .05847     | .011558  | .016128  | .0007137 |
| %RSD   | 5.394464 | 10.22442 | .4211384   | .8183152 | .3562304 | 26.87807 |
| #1     | -.002806 | .1137489 | 13.94507   | 1.413006 | 4.525216 | .0033806 |
| #2     | -.003125 | .1060871 | 13.82858   | 1.400589 | 4.512321 | .0019539 |
| #3     | -.002999 | .1294391 | 13.87795   | 1.423683 | 4.544373 | .0026310 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3789206 |
| Stddev | .0003049 |
| %RSD   | .0804547 |
| #1     | .3792533 |
| #2     | .3786545 |
| #3     | .3788541 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3020.428 | 74034.77 | 15162.27 | 1965.840 | 4796.370 |
| Stddev    | 5.817    | 341.99   | 57.01    | 11.882   | 11.028   |
| %RSD      | .1925912 | .4619283 | .3760037 | .6044042 | .2299200 |
| #1        | 3013.728 | 73645.76 | 15108.28 | 1952.341 | 4797.295 |
| #2        | 3024.189 | 74288.11 | 15156.65 | 1974.709 | 4806.906 |
| #3        | 3023.368 | 74170.43 | 15221.89 | 1970.472 | 4784.909 |

Sample Name: Q1780-02      Acquired: 4/10/2025 17:09:32      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.002437 | -.006933 | .0240402 | -.001038 | .0032837 | 1.859733 |
| Stddev | .001847  | .000531  | .0016146 | .002184  | .0006647 | .012333  |
| %RSD   | 75.78671 | 7.656528 | 6.716256 | 210.3123 | 20.24145 | .6631406 |
| #1     | -.004463 | -.006469 | .0235054 | .000548  | .0040488 | 1.854761 |
| #2     | -.000850 | -.007512 | .0227608 | -.003529 | .0029532 | 1.873775 |
| #3     | -.001997 | -.006818 | .0258543 | -.000134 | .0028490 | 1.850662 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0842743 | .0000810 | -.000736 | 94.14235 | .0086042 | .0028816 |
| Stddev | .0007561 | .0000115 | .000068  | .61904   | .0002589 | .0000656 |
| %RSD   | .8972265 | 14.14770 | 9.194435 | .6575536 | 3.008900 | 2.277944 |
| #1     | .0836812 | .0000767 | -.000739 | 93.49607 | .0083070 | .0028445 |
| #2     | .0840159 | .0000723 | -.000803 | 94.20101 | .0087807 | .0029574 |
| #3     | .0851257 | .0000940 | -.000667 | 94.72997 | .0087250 | .0028430 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0178499 | 14.87354 | .4094273 | 8.521663 | .0162621 | .0011202 |
| Stddev | .0001420 | .08594   | .0021719 | .049289  | .0002932 | .0003223 |
| %RSD   | .7957128 | .5778001 | .5304657 | .5783921 | 1.802765 | 28.76991 |
| #1     | .0176867 | 14.82547 | .4071328 | 8.471881 | .0159250 | .0007494 |
| #2     | .0179179 | 14.82239 | .4096978 | 8.522666 | .0164040 | .0012782 |
| #3     | .0179452 | 14.97276 | .4114512 | 8.570443 | .0164573 | .0013330 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 161.1578 | .0050029 | .2228504 | 13.57929 | .0669336 | .0031589 |
| Stddev | 1.3092   | .0010032 | .0003329 | .10948   | .0006506 | .0000594 |
| %RSD   | .8123590 | 20.05280 | .1493920 | .8062356 | .9719861 | 1.879841 |
| #1     | 162.5921 | .0055598 | .2228506 | 13.67534 | .0662251 | .0031768 |
| #2     | 160.8541 | .0038448 | .2225174 | 13.46008 | .0670714 | .0030927 |
| #3     | 160.0271 | .0056042 | .2231833 | 13.60246 | .0675042 | .0032073 |

Sample Name: Q1780-02      Acquired: 4/10/2025 17:09:32      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.002841 | .1336294 | F 15.04910 | 1.595884 | 4.671479 | .0031000 |
| Stddev | .000485  | .0070911 | .05475     | .004301  | .013159  | .0008016 |
| %RSD   | 17.06813 | 5.306510 | .3638096   | .2695173 | .2816947 | 25.85701 |
| #1     | -.003282 | .1258786 | 15.05623   | 1.591804 | 4.657494 | .0022573 |
| #2     | -.002322 | .1352184 | 15.09993   | 1.600377 | 4.683618 | .0038528 |
| #3     | -.002919 | .1397911 | 14.99113   | 1.595471 | 4.673324 | .0031899 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .3887903 |
| Stddev | .0015320 |
| %RSD   | .3940494 |
| #1     | .3876528 |
| #2     | .3881858 |
| #3     | .3905323 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2976.326 | 74962.21 | 15890.05 | 1991.843 | 4687.488 |
| Stddev    | 5.710    | 58.31    | 77.23    | 5.262    | 9.776    |
| %RSD      | .1918346 | .0777831 | .4860496 | .2641733 | .2085624 |
| #1        | 2982.815 | 74909.02 | 15977.40 | 1988.706 | 4697.746 |
| #2        | 2974.088 | 74953.06 | 15861.93 | 1997.917 | 4686.438 |
| #3        | 2972.074 | 75024.56 | 15830.81 | 1988.904 | 4678.278 |

Sample Name: Q1780-02DUP      Acquired: 4/10/2025 17:13:53      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000231 | -.006935 | .0255164 | -.001666 | .0024714 | 1.867514 |
| Stddev | .003584  | .001514  | .0010531 | .003665  | .0022530 | .002557  |
| %RSD   | 1551.119 | 21.83744 | 4.127147 | 220.0270 | 91.16609 | .1369019 |
| #1     | -.002936 | -.005429 | .0244694 | .002436  | .0047479 | 1.865954 |
| #2     | -.001590 | -.008458 | .0255043 | -.004619 | .0002426 | 1.870465 |
| #3     | .003833  | -.006917 | .0265755 | -.002813 | .0024235 | 1.866124 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0801006 | .0001033 | -.000744 | 93.53896 | .0086969 | .0029628 |
| Stddev | .0004492 | .0000233 | .000069  | .36037   | .0001321 | .0001369 |
| %RSD   | .5607467 | 22.55585 | 9.233934 | .3852589 | 1.519205 | 4.621471 |
| #1     | .0800981 | .0001174 | -.000820 | 93.40099 | .0088180 | .0030466 |
| #2     | .0796528 | .0001162 | -.000686 | 93.26796 | .0087168 | .0028048 |
| #3     | .0805511 | .0000764 | -.000726 | 93.94793 | .0085560 | .0030369 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0179777 | 14.68827 | .4043505 | 8.483834 | .0161680 | .0011761 |
| Stddev | .0001400 | .11115   | .0004176 | .055721  | .0002444 | .0000402 |
| %RSD   | .7787274 | .7567058 | .1032670 | .6567896 | 1.511361 | 3.418826 |
| #1     | .0180997 | 14.78770 | .4041248 | 8.490035 | .0163958 | .0011978 |
| #2     | .0178248 | 14.56828 | .4048323 | 8.425273 | .0159099 | .0011297 |
| #3     | .0180085 | 14.70884 | .4040943 | 8.536196 | .0161984 | .0012007 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 162.3788 | .0046006 | .2252809 | 13.42866 | .0672755 | .0033695 |
| Stddev | 2.7160   | .0007354 | .0025966 | .08110   | .0003832 | .0001640 |
| %RSD   | 1.672622 | 15.98522 | 1.152595 | .6039606 | .5696135 | 4.868232 |
| #1     | 162.7217 | .0037684 | .2268325 | 13.49672 | .0676848 | .0032415 |
| #2     | 159.5076 | .0048701 | .2222833 | 13.33892 | .0669252 | .0035544 |
| #3     | 164.9070 | .0051631 | .2267270 | 13.45032 | .0672165 | .0033127 |

Sample Name: Q1780-02DUP      Acquired: 4/10/2025 17:13:53      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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       | -.003228 | .1351851 | F 14.90913 | 1.569094 | 4.565893 | .0023901 |
| Stddev    | .000244  | .0005445 | .12017     | .003142  | .010638  | .0005422 |
| %RSD      | 7.548472 | .4028117 | .8060484   | .2002720 | .2329854 | 22.68758 |
| #1        | -.002952 | .1350975 | 14.98599   | 1.572246 | 4.553811 | .0024583 |
| #2        | -.003318 | .1346897 | 14.77064   | 1.565961 | 4.573856 | .0018169 |
| #3        | -.003414 | .1357682 | 14.97076   | 1.569075 | 4.570011 | .0028950 |
| Elem      | Sr4077   |          |            |          |          |          |
| Units     | ppm      |          |            |          |          |          |
| Avg       | .3856575 |          |            |          |          |          |
| Stddev    | .0013532 |          |            |          |          |          |
| %RSD      | .3508906 |          |            |          |          |          |
| #1        | .3841156 |          |            |          |          |          |
| #2        | .3866482 |          |            |          |          |          |
| #3        | .3862086 |          |            |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710     | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |
| Avg       | 2966.303 | 73752.84 | 15536.93   | 1946.119 | 4711.895 |          |
| Stddev    | 13.530   | 594.17   | 58.37      | 16.323   | 13.561   |          |
| %RSD      | .4561094 | .8056293 | .3756553   | .8387692 | .2878049 |          |
| #1        | 2974.661 | 73221.66 | 15515.12   | 1932.090 | 4715.946 |          |
| #2        | 2973.555 | 74394.50 | 15603.07   | 1964.035 | 4722.968 |          |
| #3        | 2950.693 | 73642.34 | 15492.62   | 1942.232 | 4696.770 |          |



Sample Name: Q1780-02LX5      Acquired: 4/10/2025 17:18:13      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0000488 | -.002974 | .0040191 | -.001209 | .0019368 | .3639103 | .0064821 |
| Stddev | .0025817 | .001758  | .0009160 | .001851  | .0013533 | .0078498 | .0002611 |
| %RSD   | 5295.271 | 59.10696 | 22.79245 | 153.0957 | 69.87436 | 2.157079 | 4.028364 |
| #1     | .0010717 | -.001453 | .0033275 | -.000013 | .0004076 | .3729641 | .0067810 |
| #2     | .0019622 | -.004898 | .0050580 | -.000273 | .0029799 | .3597593 | .0062981 |
| #3     | -.002888 | -.002570 | .0036716 | -.003341 | .0024229 | .3590074 | .0063672 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000325 | -.000311 | 19.39020 | .0019304 | .0005250 | .0036207 | 2.959402 |
| Stddev | .0000189 | .000031  | .05216   | .0004600 | .0001006 | .0001723 | .024299  |
| %RSD   | 58.19061 | 9.881172 | .2689986 | 23.83200 | 19.17083 | 4.758344 | .8210933 |
| #1     | .0000297 | -.000276 | 19.39502 | .0014415 | .0004583 | .0035255 | 2.936426 |
| #2     | .0000152 | -.000322 | 19.33579 | .0019948 | .0006407 | .0035170 | 2.956943 |
| #3     | .0000527 | -.000335 | 19.43978 | .0023548 | .0004758 | .0038196 | 2.984838 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0803685 | 1.785978 | .0035511 | .0007784 | 31.23113 | .0005041 | .0451562 |
| Stddev | .0007736 | .010364  | .0002223 | .0001077 | .08643   | .0009254 | .0004294 |
| %RSD   | .9625987 | .5803193 | 6.260154 | 13.84094 | .2767436 | 183.5827 | .9509621 |
| #1     | .0810527 | 1.775893 | .0037216 | .0009003 | 31.18529 | .0015664 | .0452698 |
| #2     | .0795290 | 1.785438 | .0036321 | .0006958 | 31.33082 | -.000127 | .0446814 |
| #3     | .0805237 | 1.796601 | .0032997 | .0007392 | 31.17727 | .000072  | .0455174 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.361691 | .0090050 | .0003438 | -.001310 | .0257229 | 2.860866 | .3152682 |
| Stddev | .006835  | .0001630 | .0001352 | .000599  | .0022755 | .013972  | .0031307 |
| %RSD   | .2894002 | 1.810073 | 39.32846 | 45.72205 | 8.846127 | .4883703 | .9930229 |
| #1     | 2.353904 | .0091736 | .0001992 | -.001726 | .0282559 | 2.863487 | .3118603 |
| #2     | 2.364477 | .0088483 | .0003650 | -.000623 | .0250609 | 2.873342 | .3180166 |
| #3     | 2.366693 | .0089932 | .0004672 | -.001580 | .0238518 | 2.845770 | .3159277 |

Sample Name: Q1780-02LX5      Acquired: 4/10/2025 17:18:13      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .9418781 | -.000599 | .0770752 |
| Stddev | .0063032 | .000951  | .0000574 |
| %RSD   | .6692107 | 158.8730 | .0744254 |
| #1     | .9346426 | -.001659 | .0770132 |
| #2     | .9461784 | -.000316 | .0771264 |
| #3     | .9448132 | .000179  | .0770861 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3130.070 | 76774.57 | 15511.78 | 2053.750 | 5108.140 |
| Stddev    | 15.321   | 307.52   | 111.17   | 8.441    | 15.835   |
| %RSD      | .4894903 | .4005535 | .7166797 | .4109876 | .3099975 |
| #1        | 3143.047 | 76650.09 | 15470.84 | 2058.489 | 5122.381 |
| #2        | 3133.996 | 77124.82 | 15637.61 | 2058.756 | 5110.951 |
| #3        | 3113.168 | 76548.81 | 15426.88 | 2044.004 | 5091.088 |

Sample Name: Q1780-02MS      Acquired: 4/10/2025 17:22:30      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7783736 | 1.781272 | .9041255 | 1.902424 | .8191575 | 3.785525 |
| Stddev | .0018205 | .007856  | .0031355 | .006581  | .0019946 | .011653  |
| %RSD   | .2338904 | .4410163 | .3467995 | .3459170 | .2434900 | .3078250 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7766727 | 1.790300 | .9048835 | 1.896742 | .8198870 | 3.798108 |
| #2 | .7781542 | 1.775996 | .9006805 | 1.909634 | .8206846 | 3.775105 |
| #3 | .7802939 | 1.777520 | .9068125 | 1.900895 | .8169009 | 3.783364 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2538454 | .1813291 | .1821420 | 93.89135 | .3979722 | .1900544 |
| Stddev | .0031307 | .0003439 | .0007245 | .42547   | .0020257 | .0011145 |
| %RSD   | 1.233325 | .1896364 | .3977480 | .4531520 | .5090065 | .5864318 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2508566 | .1813328 | .1822148 | 93.40681 | .3998463 | .1896700 |
| #2 | .2535786 | .1816712 | .1813839 | 94.06329 | .3982474 | .1891829 |
| #3 | .2571010 | .1809835 | .1828273 | 94.20394 | .3958230 | .1913102 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3097436 | 15.73630 | .5839631 | 10.37250 | .4884075 | .0727751 |
| Stddev | .0001452 | .09870   | .0049615 | .02065   | .0012002 | .0001827 |
| %RSD   | .0468686 | .6271818 | .8496264 | .1990942 | .2457354 | .2510862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3099111 | 15.63705 | .5784807 | 10.35816 | .4874245 | .0729747 |
| #2 | .3096660 | 15.73740 | .5852641 | 10.39617 | .4880530 | .0726162 |
| #3 | .3096537 | 15.83443 | .5881445 | 10.36317 | .4897450 | .0727343 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 146.0998 | .2847954 | .4197768 | 21.47870 | .3266782 | .4202768 |
| Stddev | 1.5138   | .0008881 | .0016240 | .12859   | .0012038 | .0005844 |
| %RSD   | 1.036151 | .3118331 | .3868838 | .5986911 | .3684928 | .1390455 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 144.9044 | .2844576 | .4210902 | 21.38773 | .3254305 | .4208598 |
| #2 | 145.5929 | .2841258 | .4179609 | 21.42254 | .3267712 | .4196910 |
| #3 | 147.8020 | .2858029 | .4202794 | 21.62581 | .3278327 | .4202797 |

Sample Name: Q1780-02MS      Acquired: 4/10/2025 17:22:30      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6477171 | .3183509 | F 14.00064 | 7.350869 | 4.521375 | .1994748 |
| Stddev | .0014789 | .0067167 | .02201     | .011812  | .006644  | .0011681 |
| %RSD   | .2283181 | 2.109833 | .1572358   | .1606920 | .1469419 | .5855838 |
| #1     | .6475091 | .3109876 | 14.01503   | 7.341114 | 4.517397 | .1981438 |
| #2     | .6463532 | .3241421 | 13.97529   | 7.347492 | 4.517682 | .2003294 |
| #3     | .6492889 | .3199229 | 14.01158   | 7.364002 | 4.529044 | .1999511 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5589139 |
| Stddev | .0026927 |
| %RSD   | .4817810 |
| #1     | .5561972 |
| #2     | .5589624 |
| #3     | .5615820 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2976.628 | 73684.03 | 13559.61 | 1955.249 | 4690.544 |
| Stddev    | 22.218   | 144.81   | 24.94    | 2.992    | 22.623   |
| %RSD      | .7464057 | .1965231 | .1839537 | .1530052 | .4823023 |
| #1        | 2961.462 | 73547.15 | 13556.90 | 1957.191 | 4676.095 |
| #2        | 2966.291 | 73835.64 | 13536.13 | 1956.752 | 4678.923 |
| #3        | 3002.131 | 73669.29 | 13585.80 | 1951.804 | 4716.616 |

Sample Name: Q1780-02MSD      Acquired: 4/10/2025 17:26:38      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7688239 | 1.747450 | .8982494 | 1.877037 | .8114362 | 3.743776 |
| Stddev | .0096353 | .014303  | .0024060 | .002242  | .0019869 | .022458  |
| %RSD   | 1.253248 | .8185068 | .2678491 | .1194309 | .2448618 | .5998734 |
| #1     | .7784459 | 1.737544 | .8954986 | 1.875969 | .8126623 | 3.766430 |
| #2     | .7591754 | 1.740959 | .8992885 | 1.875528 | .8125024 | 3.743380 |
| #3     | .7688503 | 1.763848 | .8999612 | 1.879613 | .8091438 | 3.721519 |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2685671 | .1654632 | .1801319 | 94.67709 | .3975560 | .1887909 |
| Stddev | .0007941 | .0005923 | .0003995 | .22242   | .0007531 | .0004877 |
| %RSD   | .2956734 | .3579862 | .2218096 | .2349221 | .1894275 | .2583364 |
| #1     | .2694025 | .1650290 | .1798310 | 94.50081 | .3970379 | .1883725 |
| #2     | .2678221 | .1652227 | .1799795 | 94.60349 | .3984199 | .1886736 |
| #3     | .2684767 | .1661380 | .1805853 | 94.92698 | .3972102 | .1893266 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3077010 | 17.51978 | .5901761 | 10.28115 | .4844051 | .0727691 |
| Stddev | .0005998 | .01302   | .0009013 | .03690   | .0012854 | .0010555 |
| %RSD   | .1949413 | .0742906 | .1527115 | .3589563 | .2653493 | 1.450517 |
| #1     | .3079994 | 17.52580 | .5892676 | 10.24445 | .4841030 | .0716648 |
| #2     | .3070105 | 17.52870 | .5901907 | 10.28074 | .4832977 | .0728746 |
| #3     | .3080931 | 17.50485 | .5910699 | 10.31825 | .4858146 | .0737680 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 158.5945 | .2888961 | .4234448 | 24.26403 | .3048851 | .4204350 |
| Stddev | 1.5819   | .0017329 | .0010482 | .05537   | .0013208 | .0010801 |
| %RSD   | .9974672 | .5998470 | .2475463 | .2282016 | .4332259 | .2569033 |
| #1     | 160.2332 | .2881006 | .4246294 | 24.23698 | .3047508 | .4212491 |
| #2     | 157.0763 | .2908840 | .4230675 | 24.32773 | .3036365 | .4192097 |
| #3     | 158.4739 | .2877038 | .4226374 | 24.22739 | .3062680 | .4208463 |

Sample Name: Q1780-02MSD      Acquired: 4/10/2025 17:26:38      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6419131 | .3230233 | F 15.37628 | 7.217365 | 4.436116 | .2033968 |
| Stddev | .0008757 | .0063112 | .06879     | .061601  | .020959  | .0003219 |
| %RSD   | .1364244 | 1.953802 | .4473881   | .8535142 | .4724616 | .1582836 |
| #1     | .6410828 | .3230742 | 15.45567   | 7.153751 | 4.414099 | .2036819 |
| #2     | .6428281 | .3293089 | 15.33443   | 7.221609 | 4.438422 | .2030476 |
| #3     | .6418285 | .3166868 | 15.33873   | 7.276734 | 4.455826 | .2034610 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .5798633 |
| Stddev | .0008336 |
| %RSD   | .1437544 |
| #1     | .5791588 |
| #2     | .5807835 |
| #3     | .5796475 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2994.770 | 73810.29 | 15066.92 | 1982.207 | 4718.864 |
| Stddev    | 22.438   | 81.96    | 40.62    | 1.371    | 23.904   |
| %RSD      | .7492329 | .1110363 | .2695899 | .0691906 | .5065700 |
| #1        | 2968.916 | 73716.67 | 15086.12 | 1981.157 | 4691.269 |
| #2        | 3006.229 | 73845.09 | 15094.38 | 1983.758 | 4733.228 |
| #3        | 3009.164 | 73869.10 | 15020.26 | 1981.704 | 4732.094 |

Sample Name: Q1780-02A      Acquired: 4/10/2025 17:30:48      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7743341 | 1.771185 | .8965975 | 1.902290 | .8198247 | 3.727198 |
| Stddev | .0029335 | .018978  | .0021334 | .004677  | .0026672 | .017679  |
| %RSD   | .3788392 | 1.071478 | .2379400 | .2458650 | .3253333 | .4743236 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7739799 | 1.781278 | .8974668 | 1.904679 | .8194289 | 3.747597 |
| #2 | .7715938 | 1.749293 | .8941667 | 1.896901 | .8173776 | 3.716322 |
| #3 | .7774286 | 1.782983 | .8981589 | 1.905291 | .8226677 | 3.717675 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2633218 | .1669204 | .1810300 | 93.82973 | .3952475 | .1899585 |
| Stddev | .0004112 | .0009730 | .0005354 | .16782   | .0009519 | .0000121 |
| %RSD   | .1561693 | .5829222 | .2957550 | .1788543 | .2408283 | .0063692 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2633520 | .1677766 | .1810714 | 93.74497 | .3945281 | .1899543 |
| #2 | .2628964 | .1671222 | .1804751 | 94.02303 | .3963268 | .1899722 |
| #3 | .2637172 | .1658622 | .1815435 | 93.72120 | .3948875 | .1899491 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3096764 | 17.04861 | .5863301 | 10.18652 | .4859220 | .0719715 |
| Stddev | .0001786 | .08701   | .0005170 | .00784   | .0012760 | .0002213 |
| %RSD   | .0576678 | .5103676 | .0881704 | .0770034 | .2626020 | .3075311 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3095226 | 16.95377 | .5869264 | 10.18402 | .4861659 | .0721177 |
| #2 | .3096343 | 17.12475 | .5860555 | 10.18022 | .4845416 | .0720800 |
| #3 | .3098723 | 17.06731 | .5860084 | 10.19530 | .4870585 | .0717169 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 156.9419 | .2843988 | .4208141 | 23.59994 | .3054136 | .4197634 |
| Stddev | .8337    | .0023622 | .0004268 | .05684   | .0004394 | .0010466 |
| %RSD   | .5311928 | .8305894 | .1014309 | .2408409 | .1438585 | .2493280 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 156.0658 | .2864613 | .4204849 | 23.53580 | .3059153 | .4209667 |
| #2 | 157.0348 | .2849133 | .4212964 | 23.61995 | .3050970 | .4192597 |
| #3 | 157.7253 | .2818217 | .4206611 | 23.64407 | .3052286 | .4190640 |

Sample Name: Q1780-02A      Acquired: 4/10/2025 17:30:48      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6450575 | .3124806 | F 15.04654 | 7.418416 | 4.559137 | .2019356 |
| Stddev | .0025494 | .0002205 | .01186     | .043708  | .019580  | .0004520 |
| %RSD   | .3952218 | .0705734 | .0788271   | .5891784 | .4294579 | .2238201 |
| #1     | .6450057 | .3126926 | 15.03608   | 7.442296 | 4.573886 | .2020311 |
| #2     | .6425345 | .3124970 | 15.05943   | 7.367970 | 4.536923 | .2014436 |
| #3     | .6476325 | .3122524 | 15.04411   | 7.444981 | 4.566600 | .2023323 |

| Elem   | Sr4077   |
|--------|----------|
| Units  | ppm      |
| Avg    | .5739677 |
| Stddev | .0007801 |
| %RSD   | .1359112 |
| #1     | .5732289 |
| #2     | .5747834 |
| #3     | .5738909 |

| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
|-----------|----------|----------|----------|----------|----------|
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2961.492 | 73653.54 | 14757.35 | 1961.349 | 4659.939 |
| Stddev    | 4.848    | 285.83   | 26.05    | 14.909   | 9.944    |
| %RSD      | .1637154 | .3880723 | .1765445 | .7601657 | .2133866 |
| #1        | 2957.715 | 73967.69 | 14743.33 | 1977.058 | 4651.698 |
| #2        | 2966.960 | 73408.83 | 14741.31 | 1947.394 | 4670.983 |
| #3        | 2959.802 | 73584.10 | 14787.41 | 1959.594 | 4657.135 |



Sample Name: SOIL MDL-5      Acquired: 4/10/2025 17:34:56      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0055670 | .0077178 | .0020699 | .0014118 | .0137871 | .0286700 | .0120505 |
| Stddev | .0016856 | .0000898 | .0003394 | .0025435 | .0010232 | .0031025 | .0008646 |
| %RSD   | 30.27863 | 1.163327 | 16.39893 | 180.1621 | 7.421663 | 10.82131 | 7.174751 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0036345 | .0076730 | .0017628 | .0043443 | .0148996 | .0274427 | .0119661 |
| #2 | .0067345 | .0078211 | .0020124 | .0000872 | .0128864 | .0263688 | .0112313 |
| #3 | .0063319 | .0076591 | .0024344 | -.000196 | .0135752 | .0321983 | .0129543 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014336 | .0013037 | .4653899 | .0020433 | .0070341 | .0056550 | .0280391 |
| Stddev | .0000096 | .0001072 | .0054171 | .0001875 | .0000891 | .0002465 | .0022740 |
| %RSD   | .6701843 | 8.223388 | 1.163996 | 9.174778 | 1.266957 | 4.359009 | 8.110229 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0014446 | .0012862 | .4704868 | .0018551 | .0069447 | .0053723 | .0278439 |
| #2 | .0014286 | .0014186 | .4659818 | .0020449 | .0070347 | .0058249 | .0258690 |
| #3 | .0014274 | .0012063 | .4597012 | .0022300 | .0071229 | .0057678 | .0304045 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000140 | .5075543 | .0094568 | .0035996 | .3797858 | .0087063 | .0096505 |
| Stddev | .000489  | .0031109 | .0002237 | .0001402 | .0080147 | .0014919 | .0003633 |
| %RSD   | 349.1991 | .6129298 | 2.365802 | 3.894039 | 2.110325 | 17.13541 | 3.764827 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .000369  | .5083631 | .0095535 | .0035515 | .3705408 | .0080337 | .0093458 |
| #2 | -.000183 | .5041188 | .0092010 | .0034897 | .3840433 | .0076692 | .0095532 |
| #3 | -.000607 | .5101809 | .0096159 | .0037574 | .3847732 | .0104161 | .0100526 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3692640 | .0171233 | .0525872 | .0090837 | .0111097 | .1042414 | .0038124 |
| Stddev | .0305031 | .0009320 | .0003877 | .0006492 | .0003678 | .0009655 | .0016861 |
| %RSD   | 8.260515 | 5.442686 | .7372528 | 7.147240 | 3.311003 | .9262001 | 44.22671 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3667914 | .0173556 | .0528374 | .0091464 | .0106881 | .1035083 | .0039593 |
| #2 | .4009282 | .0160971 | .0521406 | .0084053 | .0113657 | .1053353 | .0054203 |
| #3 | .3400725 | .0179171 | .0527837 | .0096992 | .0112752 | .1038806 | .0020577 |

Sample Name: SOIL MDL-5      Acquired: 4/10/2025 17:34:56      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0104516 | .0037148 | .0043803 |
| Stddev | .0008567 | .0015717 | .0000395 |
| %RSD   | 8.196566 | 42.30998 | .9028604 |
| #1     | .0098310 | .0026796 | .0043377 |
| #2     | .0114290 | .0055233 | .0043876 |
| #3     | .0100949 | .0029413 | .0044158 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3258.909 | 79217.12 | 14686.36 | 2124.785 | 5436.227 |
| Stddev    | 12.875   | 212.64   | 8.01     | 8.418    | 19.486   |
| %RSD      | .3950573 | .2684309 | .0545176 | .3961917 | .3584488 |
| #1        | 3247.121 | 79309.55 | 14680.00 | 2133.950 | 5417.547 |
| #2        | 3272.647 | 78973.91 | 14695.35 | 2117.396 | 5456.430 |
| #3        | 3256.959 | 79367.91 | 14683.73 | 2123.010 | 5434.703 |

Sample Name: PB167554BL      Acquired: 4/10/2025 17:39:16      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | -.000419 | -.002293 | -.000568 | -.002901 | -.000495 | .0014643 | -.010964 |
| Stddev | .001251  | .000613  | .000574  | .000481  | .000694  | .0033684 | .000624  |
| %RSD   | 298.7952 | 26.74854 | 101.1695 | 16.56426 | 140.0993 | 230.0272 | 5.688535 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001151 | -.001827 | .000005  | -.003085 | -.000783 | .0028346 | -.010791 |
| #2 | -.001131 | -.002988 | -.000565 | -.003262 | .000296  | .0039316 | -.010445 |
| #3 | .001026  | -.002064 | -.001144 | -.002356 | -.000998 | -.002373 | -.011656 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000604 | -.000117 | -.023595 | .0000114 | -.000209 | -.000205 | -.006647 |
| Stddev | .0000202 | .000055  | .002668  | .0002729 | .000071  | .000511  | .001059  |
| %RSD   | 33.45410 | 46.96282 | 11.30835 | 2389.341 | 33.90695 | 248.8061 | 15.93529 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000394 | -.000141 | -.020525 | -.000284 | -.000220 | .000377  | -.005957 |
| #2 | .0000620 | -.000054 | -.025354 | .000254  | -.000134 | -.000417 | -.007867 |
| #3 | .0000798 | -.000156 | -.024907 | .000065  | -.000274 | -.000577 | -.006117 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005304 | -.012048 | -.000353 | .0009050 | -.220600 | -.001128 | -.001947 |
| Stddev | .000189  | .009169  | .000257  | .0000727 | .003385  | .000790  | .000076  |
| %RSD   | 3.570317 | 76.10294 | 72.74804 | 8.033653 | 1.534501 | 69.97516 | 3.903826 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005518 | -.022565 | -.000611 | .0009614 | -.224006 | -.000545 | -.001997 |
| #2 | -.005156 | -.005727 | -.000097 | .0008230 | -.220556 | -.002027 | -.001984 |
| #3 | -.005240 | -.007853 | -.000352 | .0009307 | -.217237 | -.000813 | -.001859 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.122735 | -.007295 | -.000502 | -.000283 | .0015630 | .0061730 | -.003774 |
| Stddev | .012923  | .000594  | .000023  | .000248  | .0004801 | .0050544 | .002160  |
| %RSD   | 10.52953 | 8.144532 | 4.550223 | 87.67971 | 30.71420 | 81.88017 | 57.23647 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.133493 | -.007964 | -.000525 | -.000545 | .0019576 | .0003899 | -.004155 |
| #2 | -.126312 | -.007097 | -.000500 | -.000051 | .0010285 | .0083829 | -.005719 |
| #3 | -.108399 | -.006826 | -.000480 | -.000253 | .0017030 | .0097461 | -.001449 |

Sample Name: PB167554BL      Acquired: 4/10/2025 17:39:16      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .0019005 | -.003949 | -.000384 |
| Stddev | .0018886 | .001494  | .000030  |
| %RSD   | 99.37680 | 37.84146 | 7.858884 |
| #1     | .0007220 | -.002368 | -.000407 |
| #2     | .0040788 | -.005339 | -.000350 |
| #3     | .0009006 | -.004139 | -.000395 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3210.131 | 77481.25 | 14123.41 | 2086.392 | 5375.870 |
| Stddev    | 5.960    | 223.16   | 61.03    | 15.358   | 13.774   |
| %RSD      | .1856726 | .2880231 | .4320845 | .7361185 | .2562226 |
| #1        | 3211.684 | 77673.37 | 14069.23 | 2104.115 | 5385.965 |
| #2        | 3215.160 | 77533.92 | 14111.47 | 2078.063 | 5381.467 |
| #3        | 3203.547 | 77236.46 | 14189.52 | 2076.997 | 5360.178 |

Sample Name: PB167554BS      Acquired: 4/10/2025 17:43:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .7426763   | 1.877368 | .8960891 | 1.895875 | .7774065 | 1.811402 |
| Stddev | .0047833   | .016813  | .0023223 | .006321  | .0023240 | .013574  |
| %RSD   | .6440634   | .8955397 | .2591592 | .3334232 | .2989382 | .7493545 |
| #1     | .7431474   | 1.862135 | .8959048 | 1.893778 | .7755908 | 1.820985 |
| #2     | .7472066   | 1.895407 | .8938645 | 1.902979 | .7766032 | 1.795869 |
| #3     | .7376748   | 1.874562 | .8984981 | 1.890869 | .7800256 | 1.817353 |
| Elem   | Ba4934     | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | F .1639992 | .1772460 | .1803204 | .9032919 | .3815674 | .1828458 |
| Stddev | .0010743   | .0012822 | .0003874 | .0084609 | .0000650 | .0007939 |
| %RSD   | .6550481   | .7233958 | .2148417 | .9366738 | .0170328 | .4342183 |
| #1     | .1651759   | .1757709 | .1799754 | .8936771 | .3815305 | .1819328 |
| #2     | .1630709   | .1778735 | .1802462 | .9096005 | .3816425 | .1832303 |
| #3     | .1637507   | .1780935 | .1807395 | .9065980 | .3815293 | .1833743 |
| Elem   | Cu2247     | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2958616   | 2.746436 | .1755574 | 1.796045 | .4654734 | .0707559 |
| Stddev | .0006693   | .019387  | .0005503 | .030002  | .0010559 | .0002241 |
| %RSD   | .2262288   | .7058808 | .3134824 | 1.670463 | .2268446 | .3167353 |
| #1     | .2963918   | 2.768810 | .1761929 | 1.810213 | .4650601 | .0706591 |
| #2     | .2951096   | 2.735873 | .1752480 | 1.761582 | .4646866 | .0705965 |
| #3     | .2960836   | 2.734625 | .1752315 | 1.816339 | .4666734 | .0710122 |
| Elem   | Na5895     | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.561057   | .2692628 | .1926038 | 8.774481 | .2637743 | .3859323 |
| Stddev | .030762    | .0011570 | .0010172 | .093715  | .0022931 | .0011603 |
| %RSD   | 1.201150   | .4296793 | .5281349 | 1.068037 | .8693518 | .3006453 |
| #1     | 2.593714   | .2684460 | .1927449 | 8.878841 | .2611591 | .3859935 |
| #2     | 2.532627   | .2687558 | .1935432 | 8.747084 | .2647228 | .3847426 |
| #3     | 2.556829   | .2705868 | .1915235 | 8.697519 | .2654410 | .3870607 |

Sample Name: PB167554BS      Acquired: 4/10/2025 17:43:35      Type: Unk  
Method: NON EPA-6010-200.7(v2917)      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    | .6355101 | .1797376 | F .7518060 | 5.492204 | F -.006710 | .1792328 |
| Stddev | .0015866 | .0006501 | .0038796   | .020495  | .000330    | .0013334 |
| %RSD   | .2496549 | .3616940 | .5160317   | .3731567 | 4.922044   | .7439353 |
| #1     | .6337863 | .1804686 | .7547602   | 5.468588 | -.006439   | .1807719 |
| #2     | .6369092 | .1792243 | .7474125   | 5.502685 | -.006613   | .1784999 |
| #3     | .6358349 | .1795199 | .7532452   | 5.505338 | -.007078   | .1784266 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .1780697 |
| Stddev | .0007734 |
| %RSD   | .4342993 |
| #1     | .1789612 |
| #2     | .1775790 |
| #3     | .1776689 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3225.450 | 78780.13 | 14201.36 | 2137.582 | 5238.296 |
| Stddev    | 2.138    | 122.81   | 93.17    | 9.180    | 1.829    |
| %RSD      | .0662916 | .1558927 | .6560636 | .4294771 | .0349183 |
| #1        | 3223.370 | 78644.59 | 14308.86 | 2127.127 | 5239.725 |
| #2        | 3225.337 | 78884.01 | 14143.90 | 2144.325 | 5236.234 |
| #3        | 3227.642 | 78811.80 | 14151.33 | 2141.294 | 5238.927 |

Sample Name: CCV08      Acquired: 4/10/2025 17:56:40      Type: Unk  
Method: NON EPA-6010-200.7(v2904)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.886601 | 4.871786 | 4.739570 | 4.975057 | 5.062344 | 10.14301 |
| Stddev | .011337  | .016233  | .004994  | .016276  | .014889  | .24600   |
| %RSD   | .2320024 | .3331998 | .1053664 | .3271579 | .2941190 | 2.425307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.884504 | 4.862594 | 4.738663 | 4.974919 | 5.050574 | 10.34482 |
| #2 | 4.876459 | 4.862235 | 4.735091 | 4.958850 | 5.057374 | 10.21522 |
| #3 | 4.898840 | 4.890529 | 4.744955 | 4.991401 | 5.079082 | 9.86899  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.471310 | .2330354 | 2.357105 | 23.86373 | 1.026133 | 2.464132 |
| Stddev | .126674  | .0040982 | .002512  | .43446   | .002580  | .003244  |
| %RSD   | 1.337446 | 1.758610 | .1065760 | 1.820594 | .2514494 | .1316655 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.545882 | .2360747 | 2.354270 | 24.20441 | 1.027857 | 2.461555 |
| #2 | 9.542999 | .2346571 | 2.357994 | 24.01232 | 1.023167 | 2.463065 |
| #3 | 9.325049 | .2283746 | 2.359053 | 23.37447 | 1.027376 | 2.467775 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.284879 | 5.025078 | 2.327836 | 24.26130 | 2.497462 | 1.263858 |
| Stddev | .003172  | .045773  | .043651  | .47963   | .003589  | .002482  |
| %RSD   | .2468952 | .9108926 | 1.875169 | 1.976933 | .1436963 | .1963618 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.285324 | 5.072844 | 2.358900 | 24.70257 | 2.493320 | 1.266250 |
| #2 | 1.281507 | 5.020793 | 2.346679 | 24.33051 | 2.499638 | 1.264029 |
| #3 | 1.287805 | 4.981599 | 2.277929 | 23.75083 | 2.499429 | 1.261295 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496   | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.27594 | 2.414985 | 2.548627 | 25.12851 | 4.689674 | 4.991639 |
| Stddev | .03774   | .034530  | .011007  | .04415   | .088665  | .010711  |
| %RSD   | .1436132 | 1.429836 | .4318839 | .1757099 | 1.890647 | .2145735 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 26.30908 | 2.440409 | 2.561308 | 25.16780 | 4.754929 | 4.987130 |
| #2 | 26.23487 | 2.428873 | 2.541546 | 25.08073 | 4.725369 | 4.983920 |
| #3 | 26.28386 | 2.375673 | 2.543028 | 25.13699 | 4.588725 | 5.003867 |

Sample Name: CCV08      Acquired: 4/10/2025 17:56:40      Type: Unk  
Method: NON EPA-6010-200.7(v2904)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.810762 | 4.619296 | F 6.049095 | 5.028366 | 4.743979 | 4.613389 |
| Stddev | .008851  | .080327  | .022947    | .013255  | .001289  | .072363  |
| %RSD   | .1839905 | 1.738952 | .3793497   | .2635959 | .0271744 | 1.568550 |
| #1     | 4.801090 | 4.681630 | 6.038813   | 5.035802 | 4.742603 | 4.668098 |
| #2     | 4.812738 | 4.647614 | 6.033087   | 5.013063 | 4.744175 | 4.640731 |
| #3     | 4.818459 | 4.528645 | 6.075385   | 5.036232 | 4.745159 | 4.531339 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.605377 |
| Stddev | .103561  |
| %RSD   | 2.248703 |
| #1     | 4.657455 |
| #2     | 4.672562 |
| #3     | 4.486113 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3095.032 | 74637.41 | 14005.00 | 2009.866 | 4821.347 |
| Stddev    | 11.893   | 136.46   | 244.57   | 9.091    | 16.474   |
| %RSD      | .3842566 | .1828345 | 1.746313 | .4523292 | .3416936 |
| #1        | 3098.804 | 74490.66 | 13814.75 | 2003.234 | 4830.895 |
| #2        | 3104.580 | 74760.49 | 13919.38 | 2020.229 | 4830.821 |
| #3        | 3081.710 | 74661.08 | 14280.87 | 2006.134 | 4802.324 |



Sample Name: CCB08      Acquired: 4/10/2025 18:00:48      Type: Unk  
Method: NON EPA-6010-200.7(v2904)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003571 | -.001962 | -.000539 | -.002426 | -.000051 | .0049162 | -.009184 |
| Stddev | .0011269 | .000417  | .000544  | .001107  | .001025  | .0103767 | .000795  |
| %RSD   | 315.5449 | 21.27973 | 100.9390 | 45.64457 | 2013.891 | 211.0726 | 8.654441 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000466 | -.001591 | -.000179 | -.003694 | .001131  | -.001068 | -.009332 |
| #2 | .001642  | -.001880 | -.001165 | -.001651 | -.000709 | -.001082 | -.008325 |
| #3 | -.000105 | -.002414 | -.000273 | -.001933 | -.000575 | .016898  | -.009894 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000304 | .0000399 | -.014995 | -.000251 | -.000141 | -.000288 | -.002361 |
| Stddev | .0000279 | .0000770 | .002140  | .000190  | .000044  | .000242  | .003596  |
| %RSD   | 91.58680 | 192.9728 | 14.26941 | 75.77320 | 31.17838 | 84.06606 | 152.2841 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0000626 | .0000981 | -.015306 | -.000402 | -.000140 | -.000566 | .000704  |
| #2 | .0000143 | -.000047 | -.016962 | -.000314 | -.000097 | -.000172 | -.006320 |
| #3 | .0000144 | .000069  | -.012716 | -.000037 | -.000184 | -.000126 | -.001469 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005180 | -.010764 | -.000153 | .0009207 | -.286946 | -.002389 | -.001772 |
| Stddev | .000195  | .007636  | .000146  | .0000669 | .008548  | .000935  | .000058  |
| %RSD   | 3.768011 | 70.93956 | 95.51447 | 7.264597 | 2.979104 | 39.15491 | 3.267476 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.005397 | -.019558 | -.000228 | .0008440 | -.295821 | -.001901 | -.001760 |
| #2 | -.005125 | -.005803 | -.000247 | .0009667 | -.278766 | -.001798 | -.001721 |
| #3 | -.005018 | -.006933 | .000015  | .0009515 | -.286250 | -.003467 | -.001835 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.206899 | -.001885 | .0003659 | -.000002 | .0013702 | .0084823 | -.005021 |
| Stddev | .012435  | .000149  | .0000571 | .000730  | .0004189 | .0044737 | .003101  |
| %RSD   | 6.010250 | 7.899183 | 15.60264 | 29301.04 | 30.57012 | 52.74073 | 61.76548 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.219423 | -.002036 | .0003258 | .000089  | .0017863 | .0121492 | -.002452 |
| #2 | -.194554 | -.001879 | .0003406 | -.000774 | .0009486 | .0034979 | -.008466 |
| #3 | -.206720 | -.001739 | .0004313 | .000677  | .0013757 | .0098000 | -.004146 |

Sample Name: CCB08      Acquired: 4/10/2025 18:00:48      Type: Unk  
Method: NON EPA-6010-200.7(v2904)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000060 | -.004357 | -.000132 |
| Stddev | .001775  | .000968  | .000069  |
| %RSD   | 2965.001 | 22.21732 | 52.23155 |
| #1     | .001532  | -.003356 | -.000123 |
| #2     | -.001973 | -.004428 | -.000205 |
| #3     | .000262  | -.005288 | -.000068 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3246.693 | 78262.84 | 16104.64 | 2114.489 | 5430.726 |
| Stddev    | 2.540    | 132.30   | 105.92   | 12.862   | 4.545    |
| %RSD      | .0782226 | .1690453 | .6577109 | .6082873 | .0836921 |
| #1        | 3247.898 | 78159.45 | 16024.58 | 2107.793 | 5431.545 |
| #2        | 3248.405 | 78411.93 | 16064.59 | 2129.317 | 5434.806 |
| #3        | 3243.775 | 78217.14 | 16224.75 | 2106.356 | 5425.827 |

Sample Name: LR1      Acquired: 4/10/2025 18:05:04      Type: Unk  
Method: NON EPA-6010-200.7(v2918)      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    | .0750164 | .0936123 | 6.009374 | -.000295 | .0034484 | 1895.656 | .0900504 |
| Stddev | .0113373 | .0111121 | .015575  | .012884  | .0088513 | 23.146   | .0003968 |
| %RSD   | 15.11306 | 11.87032 | .2591805 | 4370.660 | 256.6836 | 1.220987 | .4406135 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0879649 | .0811985 | 5.995821 | .013712  | .0112760 | 1883.423 | .0896343 |
| #2 | .0668726 | .0970084 | 6.026389 | -.011641 | -.006157 | 1922.351 | .0900924 |
| #3 | .0702119 | .1026301 | 6.005912 | -.002955 | .005226  | 1881.194 | .0904245 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055579 | -.042490 | 1639.112 | .0214786 | .0221693 | -.097351 | 1092.438 |
| Stddev | .0001254 | .001768  | 12.566   | .0002472 | .0008427 | .003670  | 7.729    |
| %RSD   | 2.256026 | 4.160765 | .7666366 | 1.151052 | 3.801276 | 3.769583 | .7074570 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0054588 | -.044324 | 1624.710 | .0217574 | .0213711 | -.101123 | 1100.276 |
| #2 | .0056989 | -.042349 | 1644.779 | .0213926 | .0230504 | -.097137 | 1092.215 |
| #3 | .0055161 | -.040797 | 1647.846 | .0212859 | .0220863 | -.093793 | 1084.823 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.076314 | 1813.668 | .0163136 | .0610655 | 1937.875 | .0114768 | .3845696 |
| Stddev | .000550  | 38.252   | .0008234 | .0012560 | 33.034   | .0000996 | .0047108 |
| %RSD   | .7212408 | 2.109086 | 5.047146 | 2.056776 | 1.704666 | .8674822 | 1.224960 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.076439 | 1857.827 | .0170341 | .0620720 | 1970.912 | .0115766 | .3802564 |
| #2 | -.076791 | 1792.410 | .0164906 | .0614665 | 1937.869 | .0113775 | .3895966 |
| #3 | -.075712 | 1790.766 | .0154162 | .0596580 | 1904.844 | .0114761 | .3838558 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1215.072 | 1.815307 | -.007446 | -.009144 | -.033482 | .2082371 | .0650745 |
| Stddev | 3.149    | .023833  | .000789  | .004313  | .000642  | .0086712 | .0069311 |
| %RSD   | .2591841 | 1.312892 | 10.59903 | 47.16534 | 1.917298 | 4.164103 | 10.65099 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1218.527 | 1.841056 | -.007545 | -.011947 | -.033070 | .2181923 | .0686024 |
| #2 | 1214.327 | 1.810845 | -.006612 | -.011307 | -.033153 | .2041871 | .0570891 |
| #3 | 1212.362 | 1.794021 | -.008181 | -.004178 | -.034221 | .2023319 | .0695318 |

Sample Name: LR1      Acquired: 4/10/2025 18:05:04      Type: Unk  
Method: NON EPA-6010-200.7(v2918)      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    | -.228560 | .1820174 | .0103018 |
| Stddev | .017803  | .0060066 | .0000612 |
| %RSD   | 7.789046 | 3.300002 | .5939535 |
| #1     | -.249088 | .1883523 | .0103689 |
| #2     | -.219235 | .1812955 | .0102491 |
| #3     | -.217356 | .1764044 | .0102873 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2246.588 | 54472.37 | 12506.50 | 1461.509 | 2939.809 |
| Stddev    | 10.035   | 334.72   | 36.89    | 9.121    | 6.061    |
| %RSD      | .4466677 | .6144731 | .2949631 | .6240922 | .2061726 |
| #1        | 2243.915 | 54088.91 | 12548.17 | 1451.010 | 2941.494 |
| #2        | 2257.688 | 54622.26 | 12493.34 | 1467.475 | 2944.849 |
| #3        | 2238.160 | 54705.96 | 12478.00 | 1466.043 | 2933.084 |

Sample Name: LR2      Acquired: 4/10/2025 18:10:01      Type: Unk  
Method: NON EPA-6010-200.7(v2918)      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    | .0091964 | -.020949 | 225.6856 | .0012375 | -.009396 | .1755365 | 108.6091 |
| Stddev | .0026873 | .001577  | .5597    | .0007503 | .002867  | .0069980 | .3359    |
| %RSD   | 29.22180 | 7.527519 | .2480156 | 60.63092 | 30.51651 | 3.986639 | .3092504 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0089470 | -.021340 | 226.2080 | .0005749 | -.012687 | .1676646 | 108.6545 |
| #2 | .0066424 | -.019213 | 225.0948 | .0020521 | -.008067 | .1810526 | 108.9200 |
| #3 | .0119997 | -.022293 | 225.7539 | .0010854 | -.007435 | .1778923 | 108.2529 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001768 | -.003469 | .2288537 | .0099243 | -.000179 | 237.8426 | .0680672 |
| Stddev | .000045  | .000117  | .0098237 | .0000634 | .000301  | .6263    | .0042982 |
| %RSD   | 2.539235 | 3.377019 | 4.292568 | .6392518 | 168.7087 | .2633431 | 6.314702 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.001716 | -.003553 | .2236040 | .0099190 | -.000525 | 237.9862 | .0636313 |
| #2 | -.001792 | -.003336 | .2401869 | .0098637 | -.000029 | 237.1569 | .0722131 |
| #3 | -.001795 | -.003519 | .2227702 | .0099902 | .000019  | 238.3847 | .0683572 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 41.94433 | .0274686 | 51.81543 | .0014011 | -.021559 | -.011208 | 32.49553 |
| Stddev | .17307   | .0181246 | .13676   | .0002154 | .013584  | .001185  | .17509   |
| %RSD   | .4126250 | 65.98293 | .2639434 | 15.37637 | 63.00878 | 10.57482 | .5388134 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 42.14397 | .0204869 | 51.95064 | .0012475 | -.014005 | -.012216 | 32.29364 |
| #2 | 41.83666 | .0138732 | 51.67717 | .0016473 | -.013431 | -.009902 | 32.60576 |
| #3 | 41.85237 | .0480458 | 51.81848 | .0013084 | -.037241 | -.011505 | 32.58719 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.241797 | -.006048 | -.005146 | -.005380 | -.037341 | -.005672 | -.071482 |
| Stddev | .028909  | .001171  | .000250  | .000439  | .000596  | .003026  | .002592  |
| %RSD   | 11.95573 | 19.36351 | 4.859104 | 8.154083 | 1.594827 | 53.34174 | 3.625396 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.209550 | -.005904 | -.005352 | -.005837 | -.036730 | -.008834 | -.069152 |
| #2 | -.265391 | -.004956 | -.004868 | -.005342 | -.037920 | -.002805 | -.074274 |
| #3 | -.250451 | -.007285 | -.005218 | -.004962 | -.037374 | -.005377 | -.071021 |

Sample Name: LR2      Acquired: 4/10/2025 18:10:01      Type: Unk  
Method: NON EPA-6010-200.7(v2918)      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    | -.022473 | -.003825 | .0011278 |
| Stddev | .001846  | .000790  | .0000113 |
| %RSD   | 8.214558 | 20.66249 | .9971551 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.023495 | -.003730 | .0011149 |
| #2 | -.020342 | -.003087 | .0011355 |
| #3 | -.023582 | -.004659 | .0011330 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2993.094 | 79086.30 | 14878.32 | 2102.104 | 5130.747 |
| Stddev    | 7.514    | 288.17   | 67.51    | 13.533   | 16.776   |
| %RSD      | .2510431 | .3643725 | .4537733 | .6438071 | .3269605 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2997.562 | 79210.26 | 14824.91 | 2115.475 | 5128.599 |
| #2 | 2997.300 | 79291.75 | 14855.84 | 2102.423 | 5148.493 |
| #3 | 2984.419 | 78756.90 | 14954.20 | 2088.414 | 5115.149 |

Sample Name: CCV09      Acquired: 4/10/2025 18:19:00      Type: Unk  
Method: NON EPA-6010-200.7(v2919)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 4.852810 | 4.700917 | 4.715700 | 4.931389 | 5.050058   | 9.967390 |
| Stddev | .023845  | .095977  | .018259  | .042591  | .023915    | .047882  |
| %RSD   | .4913605 | 2.041671 | .3871906 | .8636672 | .4735600   | .4803842 |
| #1     | 4.830127 | 4.598074 | 4.713702 | 4.889011 | 5.027358   | 10.01432 |
| #2     | 4.850633 | 4.716575 | 4.698523 | 4.930966 | 5.047791   | 9.96924  |
| #3     | 4.877668 | 4.788103 | 4.734876 | 4.974190 | 5.075026   | 9.91861  |
| Elem   | Ba4934   | Be2348   | Cd2265   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 9.733897 | .2470464 | 2.345795 | 23.85626 | 1.003182   | 2.464752 |
| Stddev | .081614  | .0009445 | .007310  | .14900   | .002383    | .007242  |
| %RSD   | .8384500 | .3823269 | .3116305 | .6245611 | .2375310   | .2938133 |
| #1     | 9.827290 | .2476887 | 2.345429 | 24.00148 | 1.001065   | 2.462210 |
| #2     | 9.676287 | .2474886 | 2.338674 | 23.86353 | 1.005763   | 2.459125 |
| #3     | 9.698114 | .2459619 | 2.353281 | 23.70375 | 1.002717   | 2.472922 |
| Elem   | Cu2247   | Fe2404   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.286464 | 5.132700 | 2.353130 | 23.92282 | 2.484635   | 1.241408 |
| Stddev | .003199  | .033228  | .013395  | .15017   | .006953    | .002440  |
| %RSD   | .2486439 | .6473752 | .5692408 | .6277240 | .2798209   | .1965753 |
| #1     | 1.283247 | 5.159972 | 2.364787 | 24.08297 | 2.483206   | 1.239258 |
| #2     | 1.286502 | 5.142436 | 2.356105 | 23.90030 | 2.478508   | 1.244060 |
| #3     | 1.289644 | 5.095691 | 2.338498 | 23.78518 | 2.492191   | 1.240907 |
| Elem   | Na5895   | V_2924   | Zn2138   | K_7664   | B_2496     | Mo2020   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 27.40867 | 2.445768 | 2.500483 | 26.35471 | F 4.447086 | 4.990387 |
| Stddev | .07482   | .016147  | .006879  | .08099   | .015058    | .026684  |
| %RSD   | .2729742 | .6602059 | .2751022 | .3073254 | .3385930   | .5347124 |
| #1     | 27.36539 | 2.460808 | 2.503633 | 26.37313 | 4.457238   | 4.966616 |
| #2     | 27.49506 | 2.447789 | 2.505224 | 26.42490 | 4.454235   | 4.985296 |
| #3     | 27.36556 | 2.428705 | 2.492594 | 26.26609 | 4.429786   | 5.019250 |

Sample Name: CCV09      Acquired: 4/10/2025 18:19:00      Type: Unk  
Method: NON EPA-6010-200.7(v2919)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Sn1899   | Ti3361   | Si2881     | P_1774   | S_1820   | Li6707   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | 4.766041 | 4.710004 | F 6.239858 | 4.867978 | 4.666624 | 4.704433 |
| Stddev | .023781  | .030962  | .037556    | .019693  | .038511  | .028542  |
| %RSD   | .4989721 | .6573638 | .6018682   | .4045487 | .8252484 | .6066959 |
| #1     | 4.750730 | 4.730197 | 6.200124   | 4.848372 | 4.626178 | 4.716090 |
| #2     | 4.753954 | 4.725459 | 6.274770   | 4.867806 | 4.670838 | 4.725301 |
| #3     | 4.793438 | 4.674357 | 6.244680   | 4.887757 | 4.702854 | 4.671908 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 4.804953 |
| Stddev | .065501  |
| %RSD   | 1.363195 |
| #1     | 4.879244 |
| #2     | 4.780098 |
| #3     | 4.755518 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3113.540 | 77085.79 | 14911.04 | 2033.785 | 4862.730 |
| Stddev    | 9.462    | 126.89   | 83.60    | 11.400   | 15.441   |
| %RSD      | .3039141 | .1646081 | .5606876 | .5605092 | .3175409 |
| #1        | 3122.959 | 77077.62 | 14835.44 | 2021.487 | 4875.909 |
| #2        | 3113.625 | 76963.18 | 14896.85 | 2035.871 | 4866.542 |
| #3        | 3104.035 | 77216.57 | 15000.83 | 2043.997 | 4845.740 |



Sample Name: CCB09      Acquired: 4/10/2025 18:23:11      Type: Unk  
Method: NON EPA-6010-200.7(v2919)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001840 | -.000900 | -.000046 | -.001406 | .0008344 | -.000491 | -.011584 |
| Stddev | .001190  | .000498  | .000410  | .000646  | .0009702 | .001459  | .000531  |
| %RSD   | 64.66233 | 55.35064 | 888.2593 | 45.92328 | 116.2767 | 297.1636 | 4.582042 |
| #1     | -.001612 | -.000449 | -.000213 | -.000869 | .0019482 | -.000227 | -.012096 |
| #2     | -.000781 | -.000818 | .000421  | -.001228 | .0001723 | .000818  | -.011620 |
| #3     | -.003128 | -.001435 | -.000346 | -.002122 | .0003828 | -.002064 | -.011036 |
| Elem   | Be2348   | Cd2265   | Ca3736   | Cr2677   | Co2286   | Cu2247   | Fe2404   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000397 | -.000022 | -.020182 | -.000341 | -.000127 | .0001567 | -.006088 |
| Stddev | .0000491 | .000050  | .003721  | .000317  | .000052  | .0006657 | .001501  |
| %RSD   | 123.7731 | 223.3618 | 18.43609 | 92.99601 | 41.10895 | 424.9480 | 24.65613 |
| #1     | -.000016 | -.000063 | -.024474 | -.000354 | -.000068 | -.000456 | -.004363 |
| #2     | .000058  | -.000036 | -.018189 | -.000652 | -.000142 | .000865  | -.007096 |
| #3     | .000077  | .000033  | -.017882 | -.000018 | -.000169 | .000061  | -.006804 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na5895   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.005132 | -.012159 | -.000082 | .0008040 | -.128593 | -.001859 | -.001996 |
| Stddev | .000107  | .006301  | .000196  | .0002338 | .011572  | .001084  | .000207  |
| %RSD   | 2.093343 | 51.82428 | 239.2836 | 29.08726 | 8.999085 | 58.32046 | 10.37645 |
| #1     | -.005179 | -.009008 | -.000109 | .0009881 | -.141549 | -.001869 | -.002225 |
| #2     | -.005010 | -.019415 | .000126  | .0008829 | -.124949 | -.002938 | -.001941 |
| #3     | -.005208 | -.008055 | -.000263 | .0005408 | -.119282 | -.000770 | -.001822 |
| Elem   | K_7664   | B_2496   | Mo2020   | Sn1899   | Ti3361   | Si2881   | P_1774   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.205817 | -.002281 | -.000001 | -.000083 | .0018275 | .0085177 | -.001236 |
| Stddev | .001123  | .000448  | .000250  | .000255  | .0002444 | .0042490 | .000598  |
| %RSD   | .5454588 | 19.66436 | 35032.77 | 304.9466 | 13.37562 | 49.88383 | 48.39921 |
| #1     | -.205833 | -.001808 | .000222  | -.000345 | .0018638 | .0096392 | -.000952 |
| #2     | -.206931 | -.002700 | .000048  | .000164  | .0015669 | .0120936 | -.001923 |
| #3     | -.204686 | -.002334 | -.000271 | -.000070 | .0020517 | .0038205 | -.000832 |

Sample Name: CCB09      Acquired: 4/10/2025 18:23:11      Type: Unk  
Method: NON EPA-6010-200.7(v2919)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | S_1820   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.003739 | -.002793 | -.000234 |
| Stddev | .001409  | .000656  | .000051  |
| %RSD   | 37.69283 | 23.47127 | 21.63749 |
| #1     | -.002416 | -.002996 | -.000291 |
| #2     | -.003579 | -.002060 | -.000193 |
| #3     | -.005221 | -.003324 | -.000218 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3238.599 | 79326.31 | 14670.15 | 2131.595 | 5423.931 |
| Stddev    | 15.902   | 259.35   | 31.42    | 8.166    | 21.385   |
| %RSD      | .4910215 | .3269385 | .2141886 | .3830789 | .3942638 |
| #1        | 3250.967 | 79106.94 | 14700.46 | 2124.377 | 5441.215 |
| #2        | 3244.169 | 79612.54 | 14672.27 | 2140.458 | 5430.562 |
| #3        | 3220.661 | 79259.44 | 14637.72 | 2129.950 | 5400.016 |