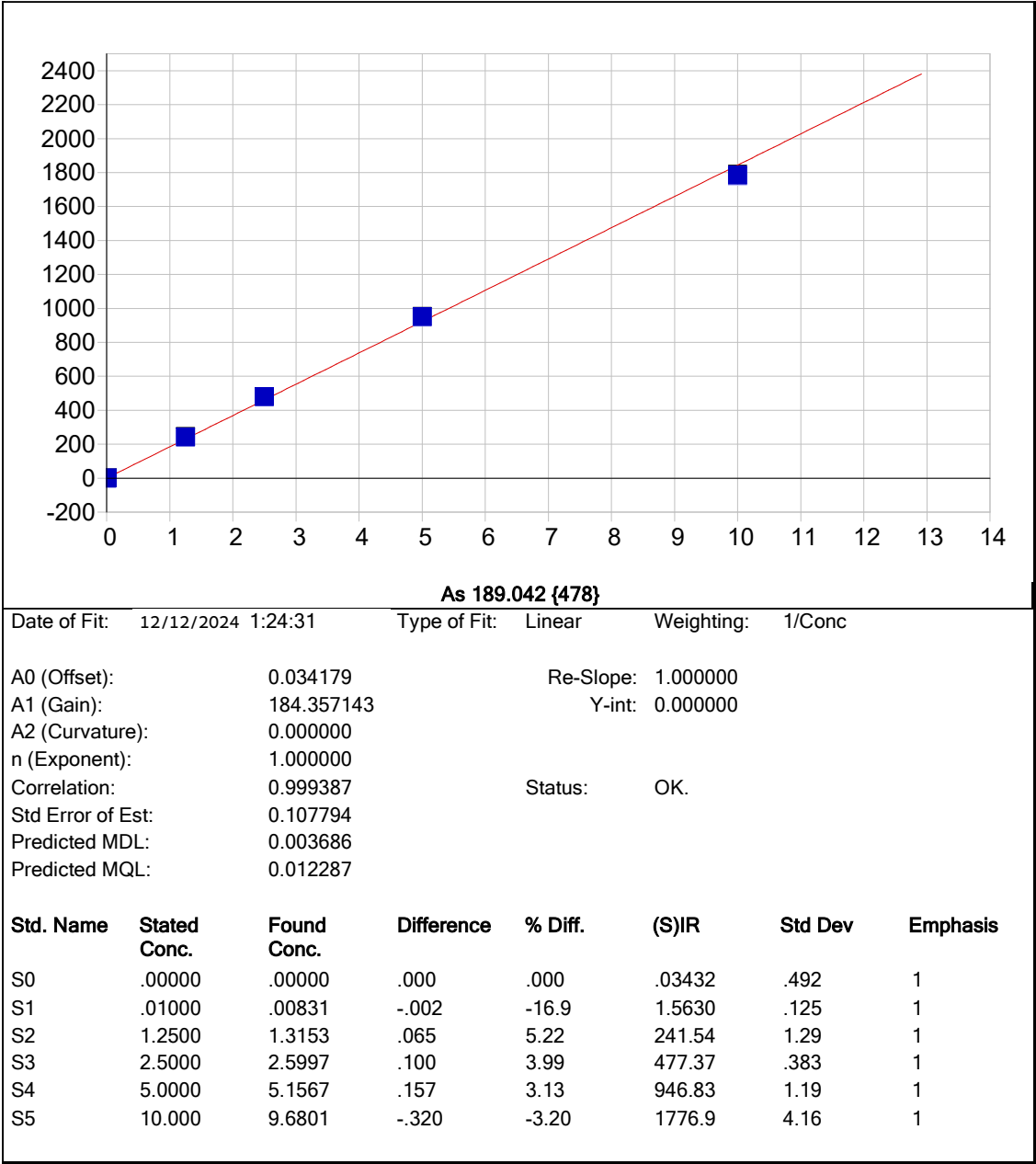
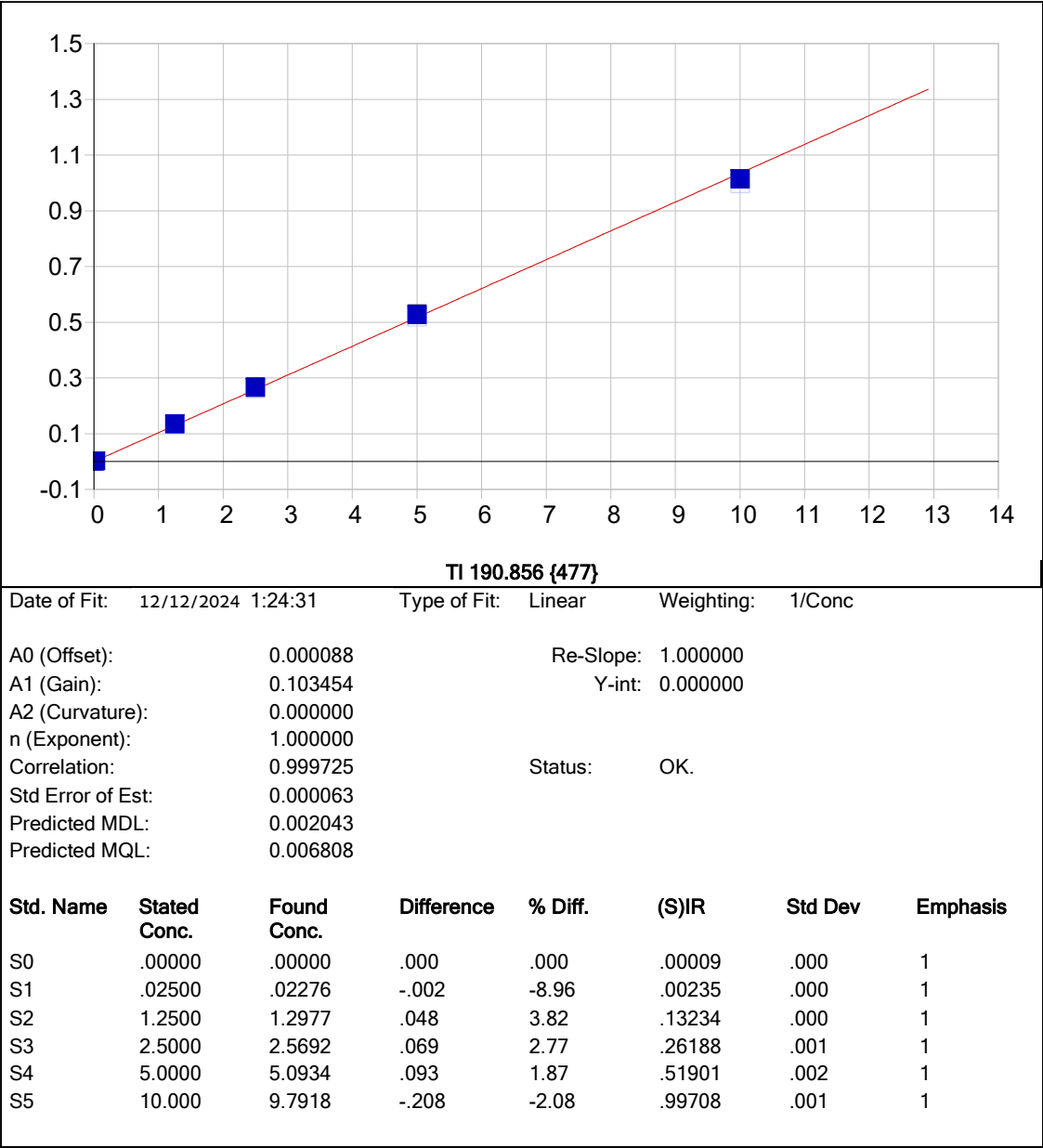
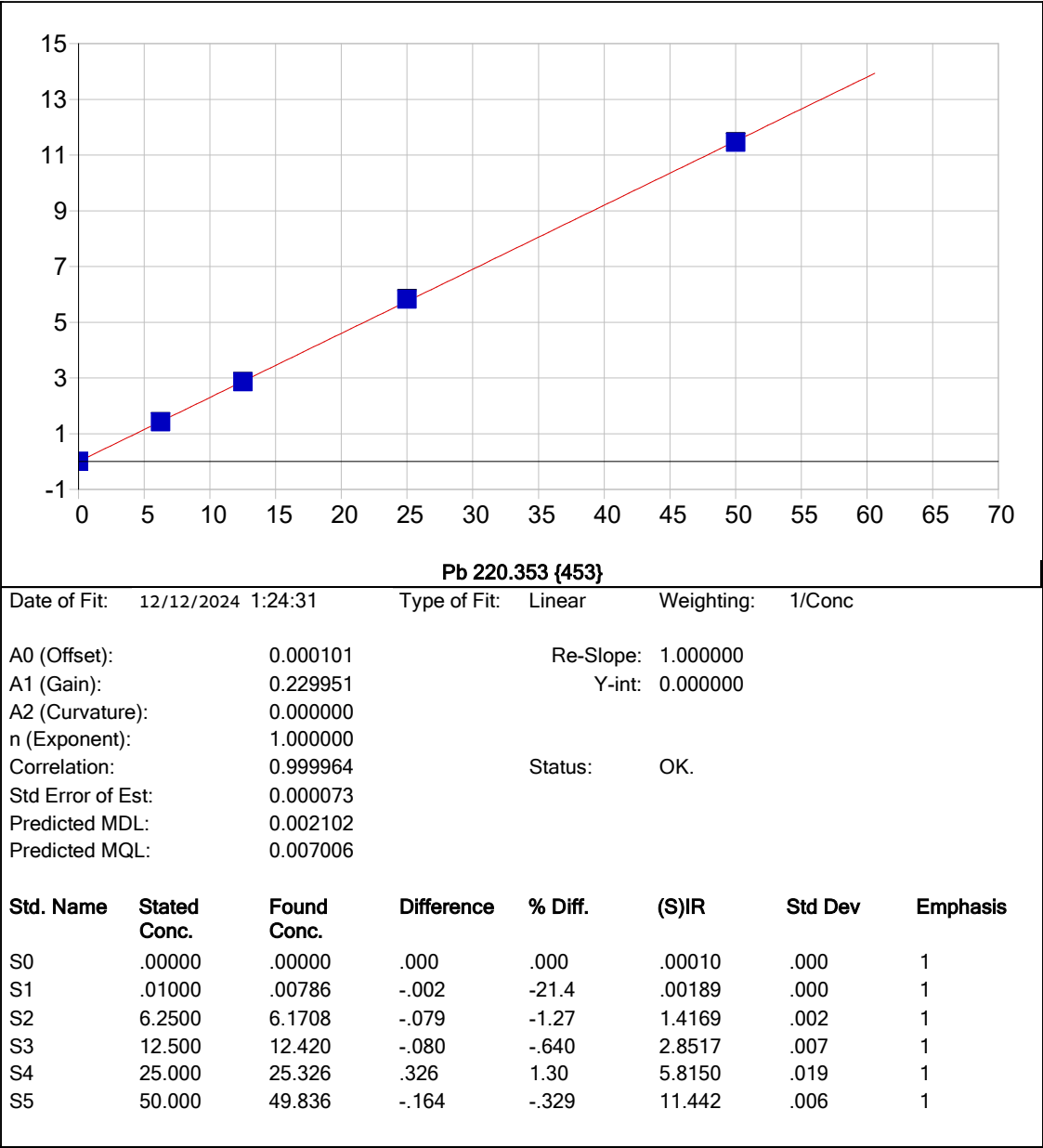
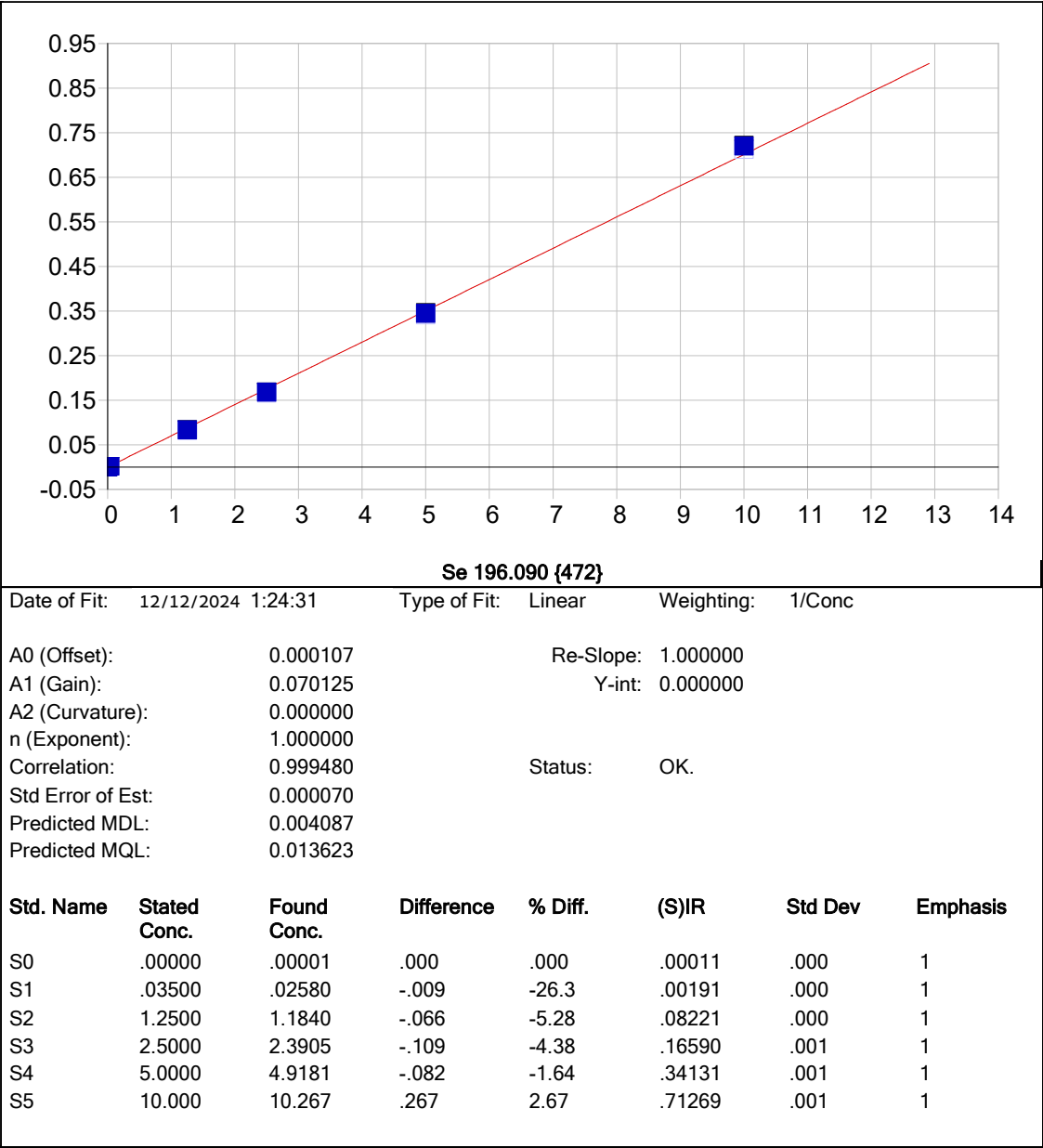


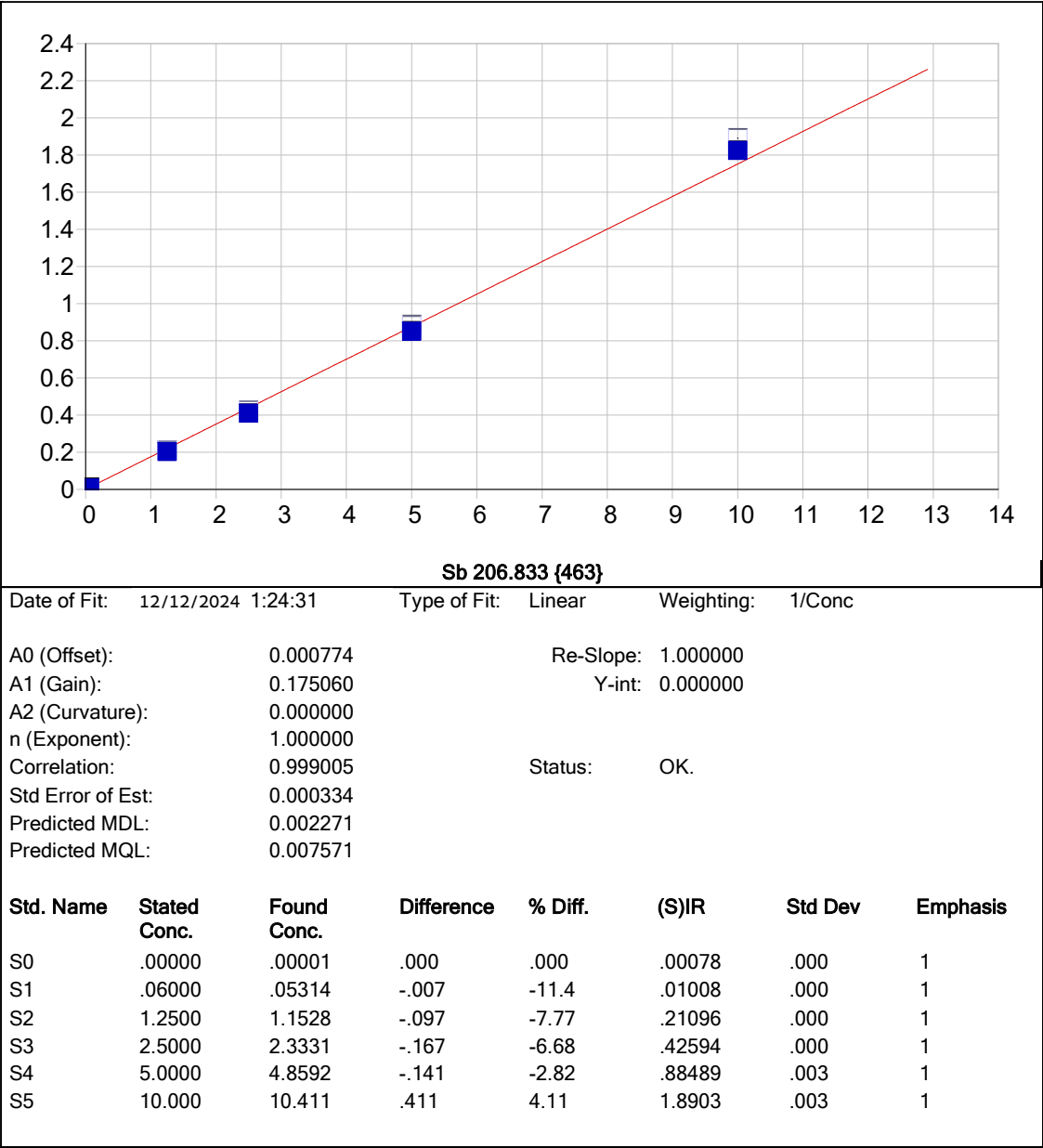


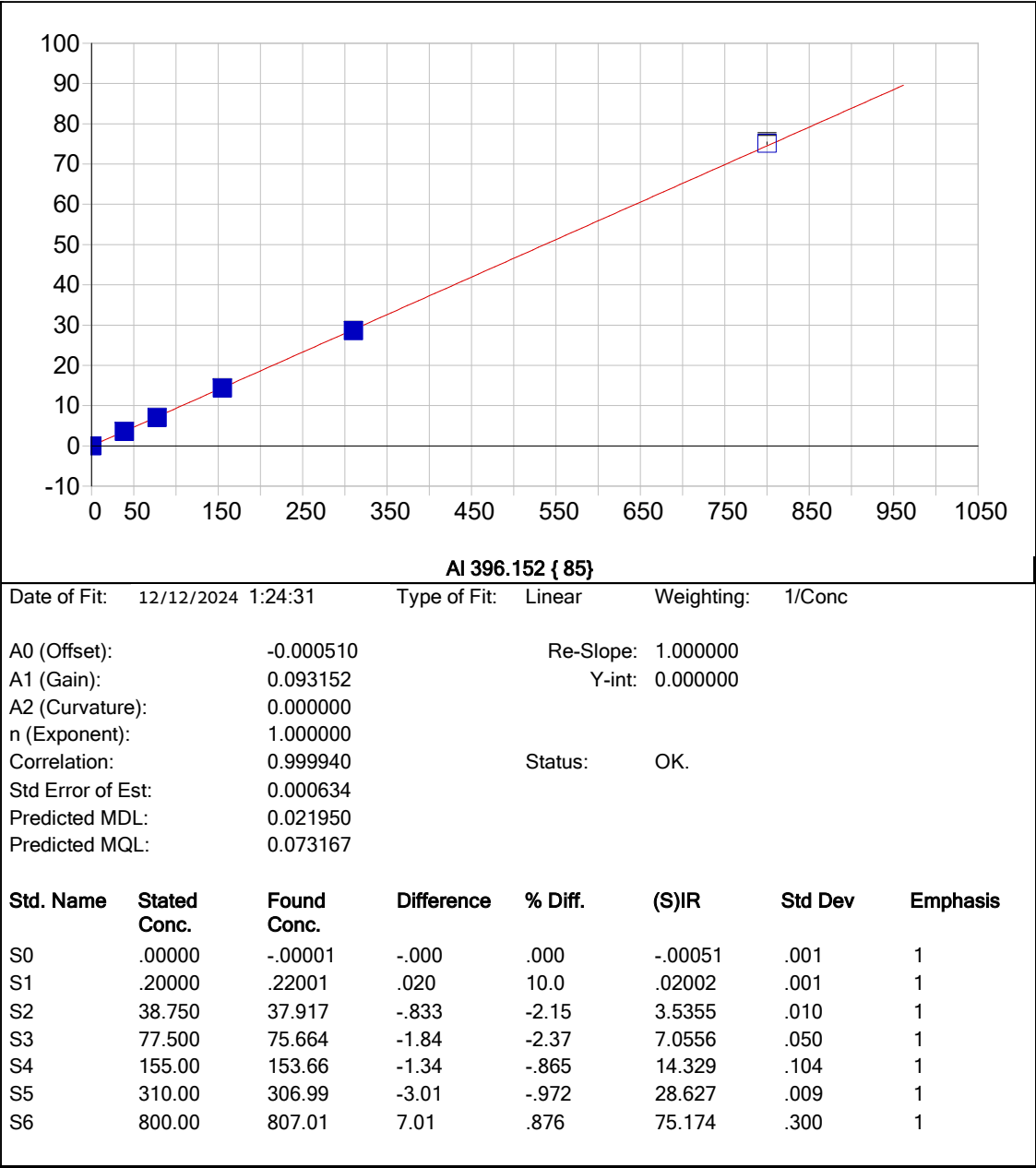


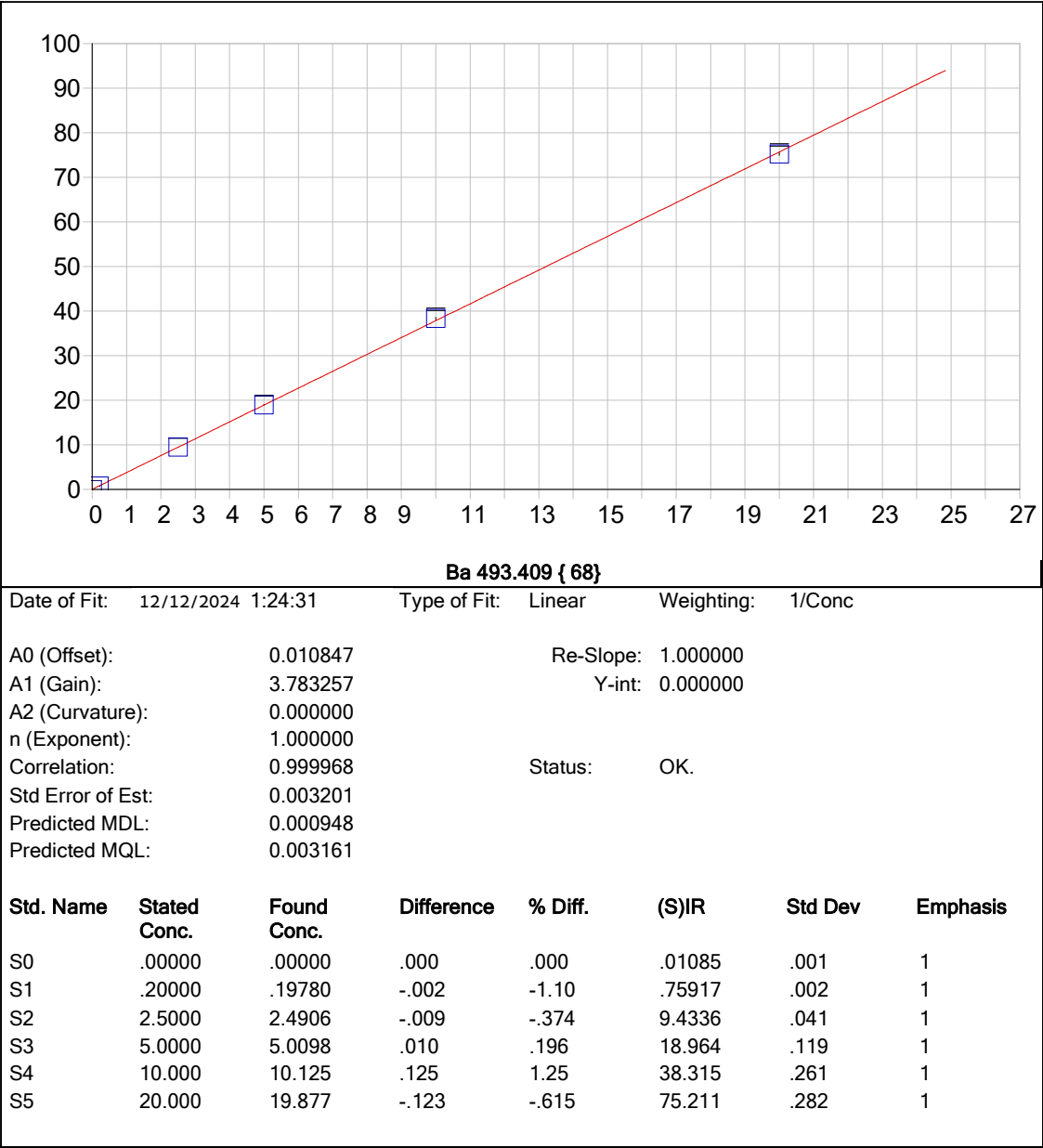


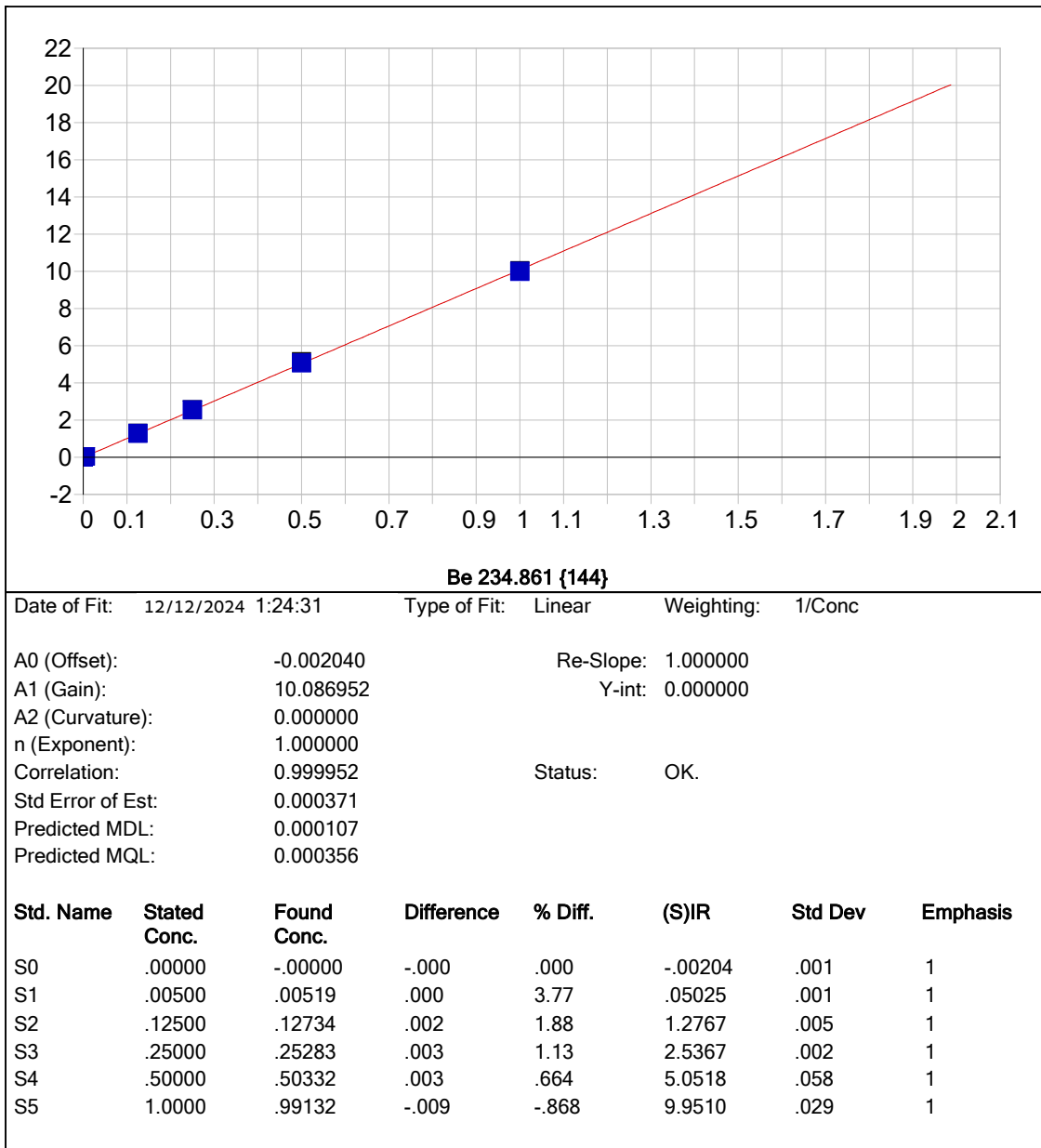


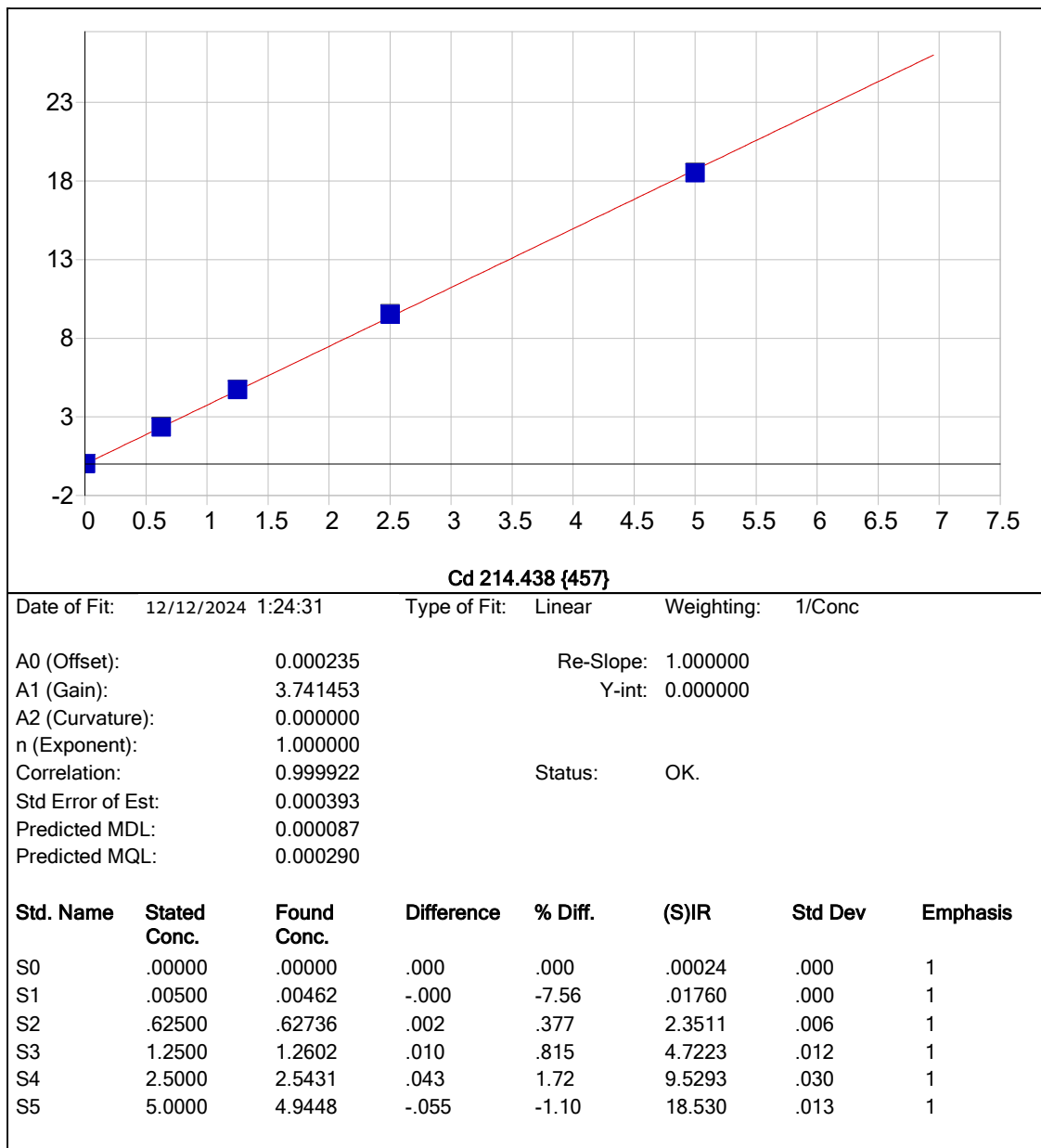


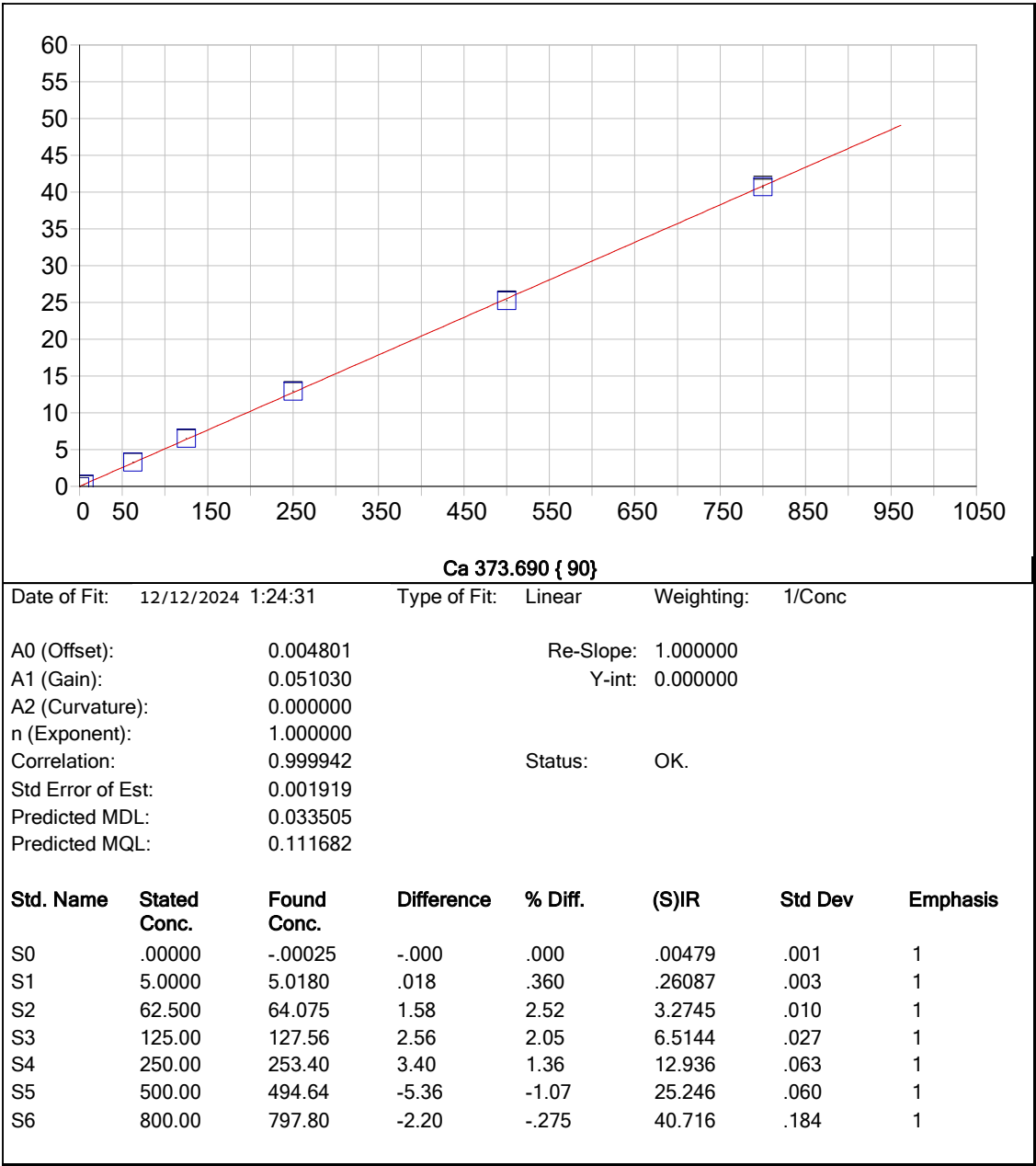




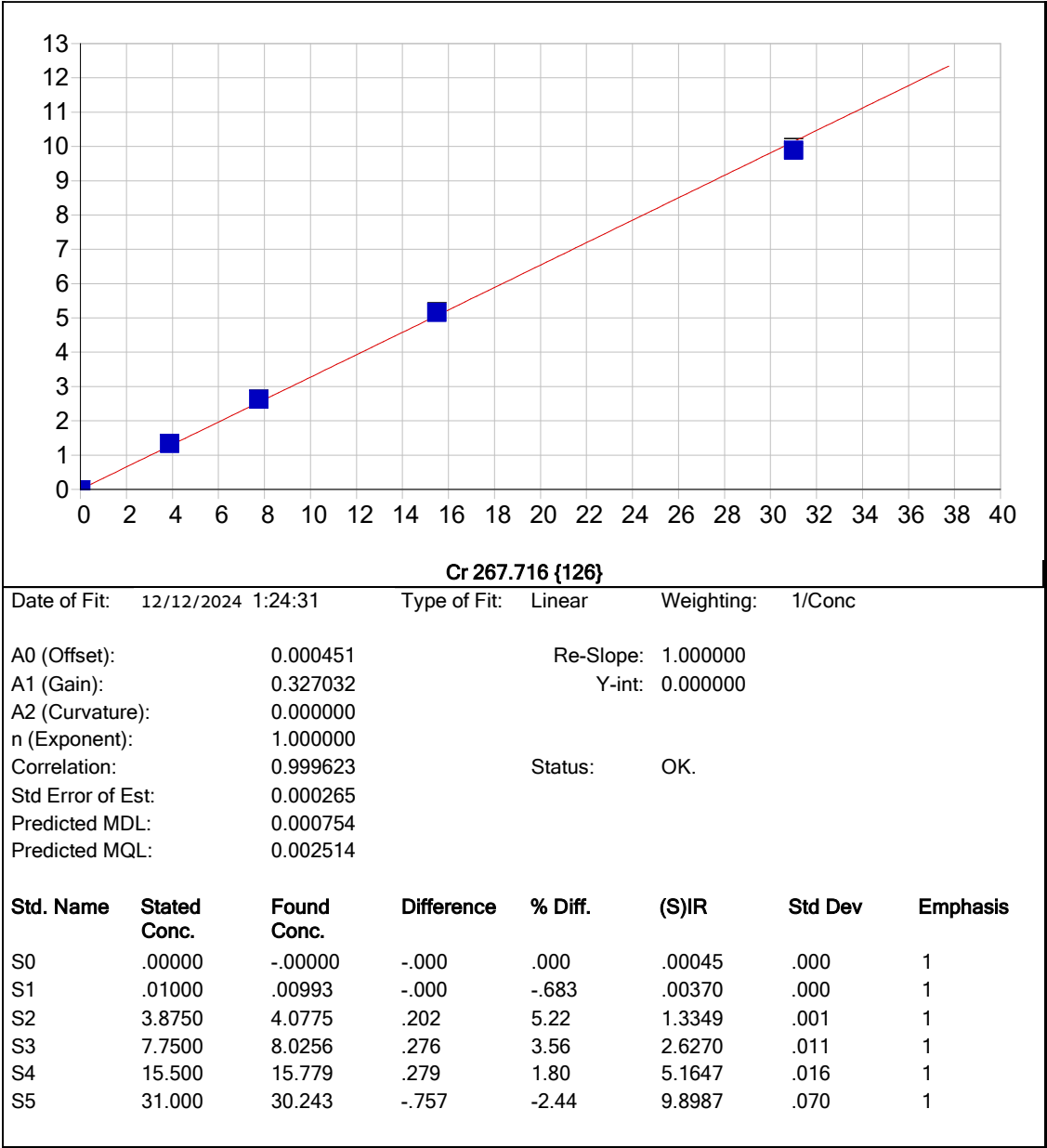


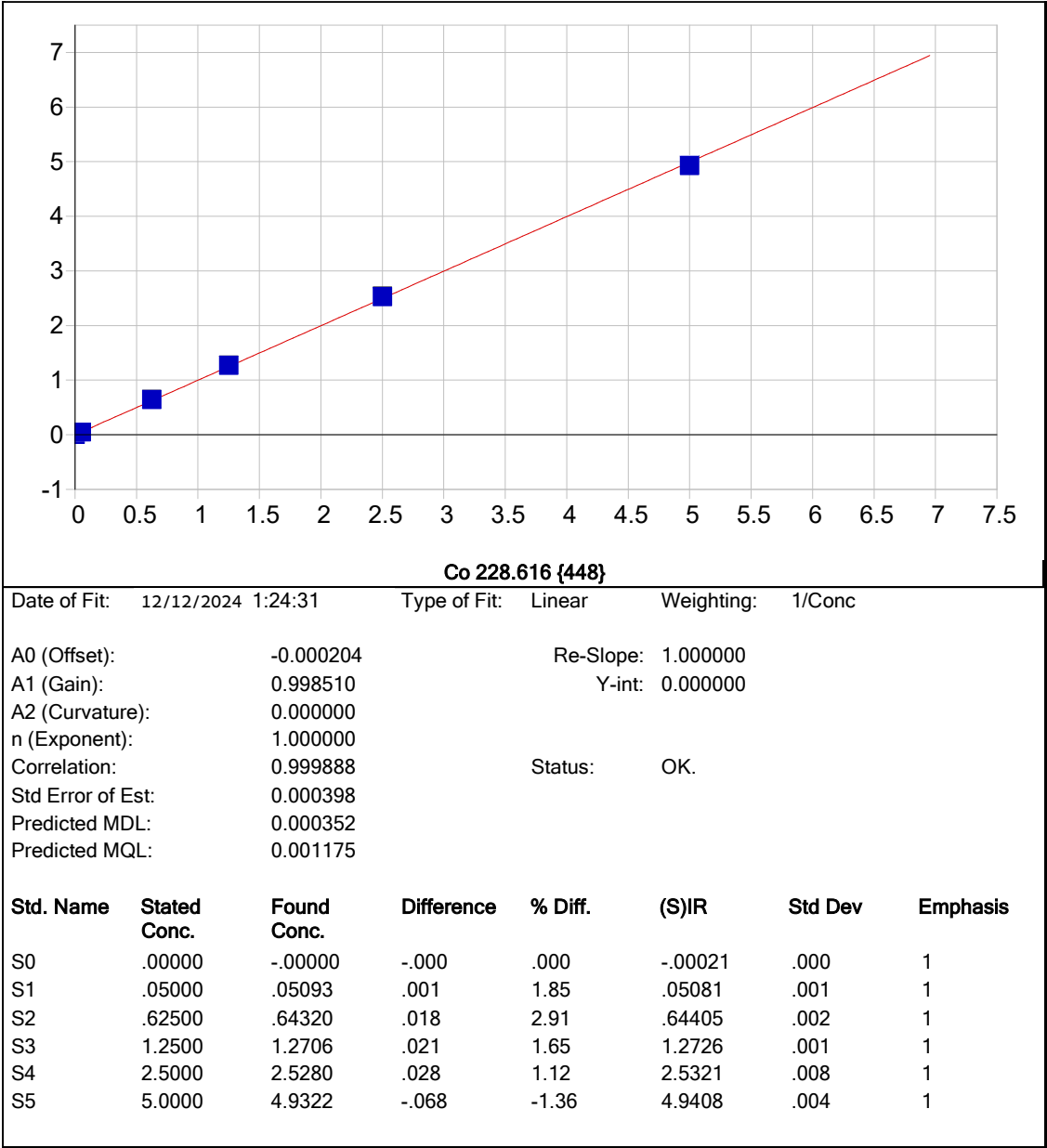


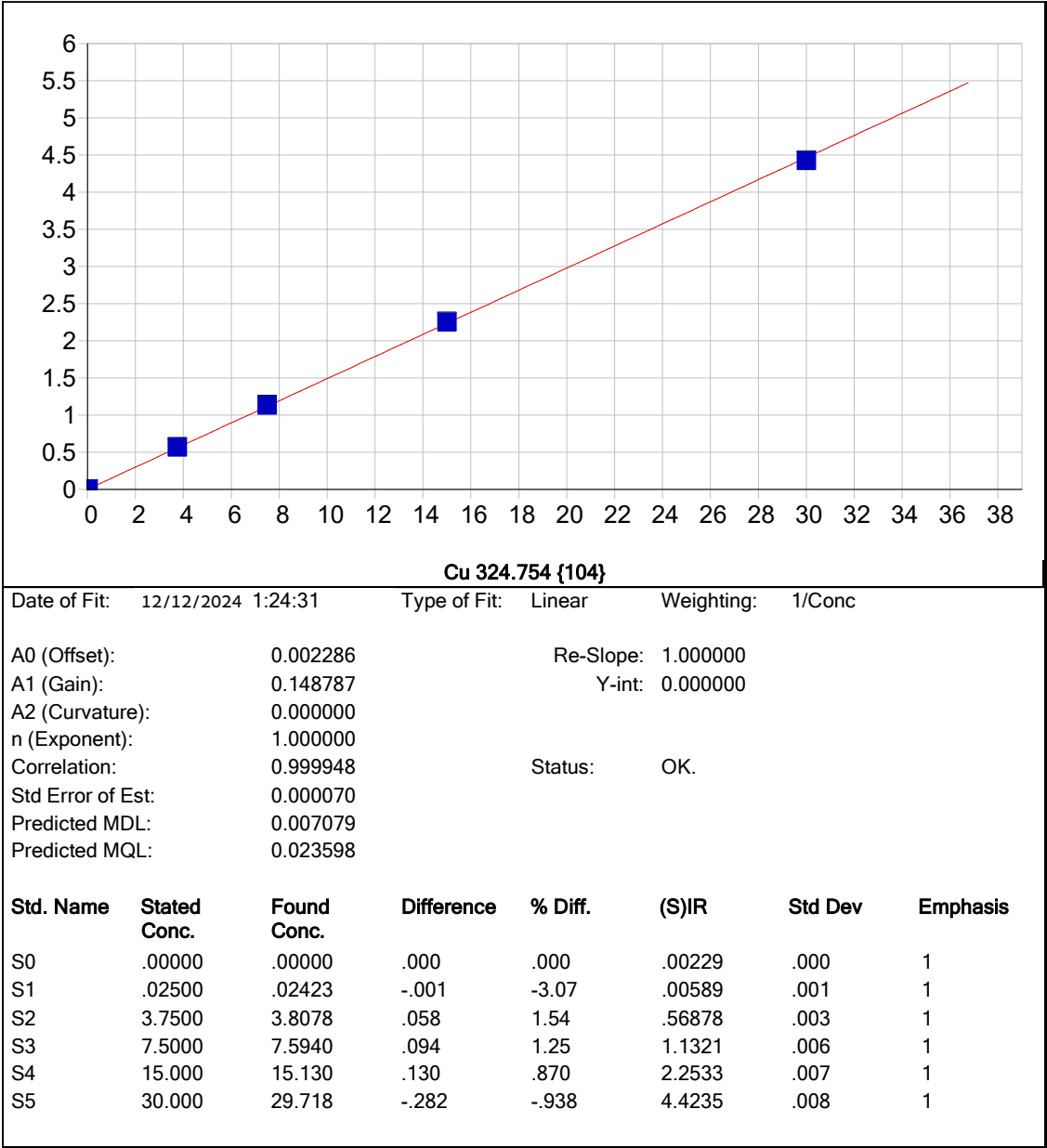


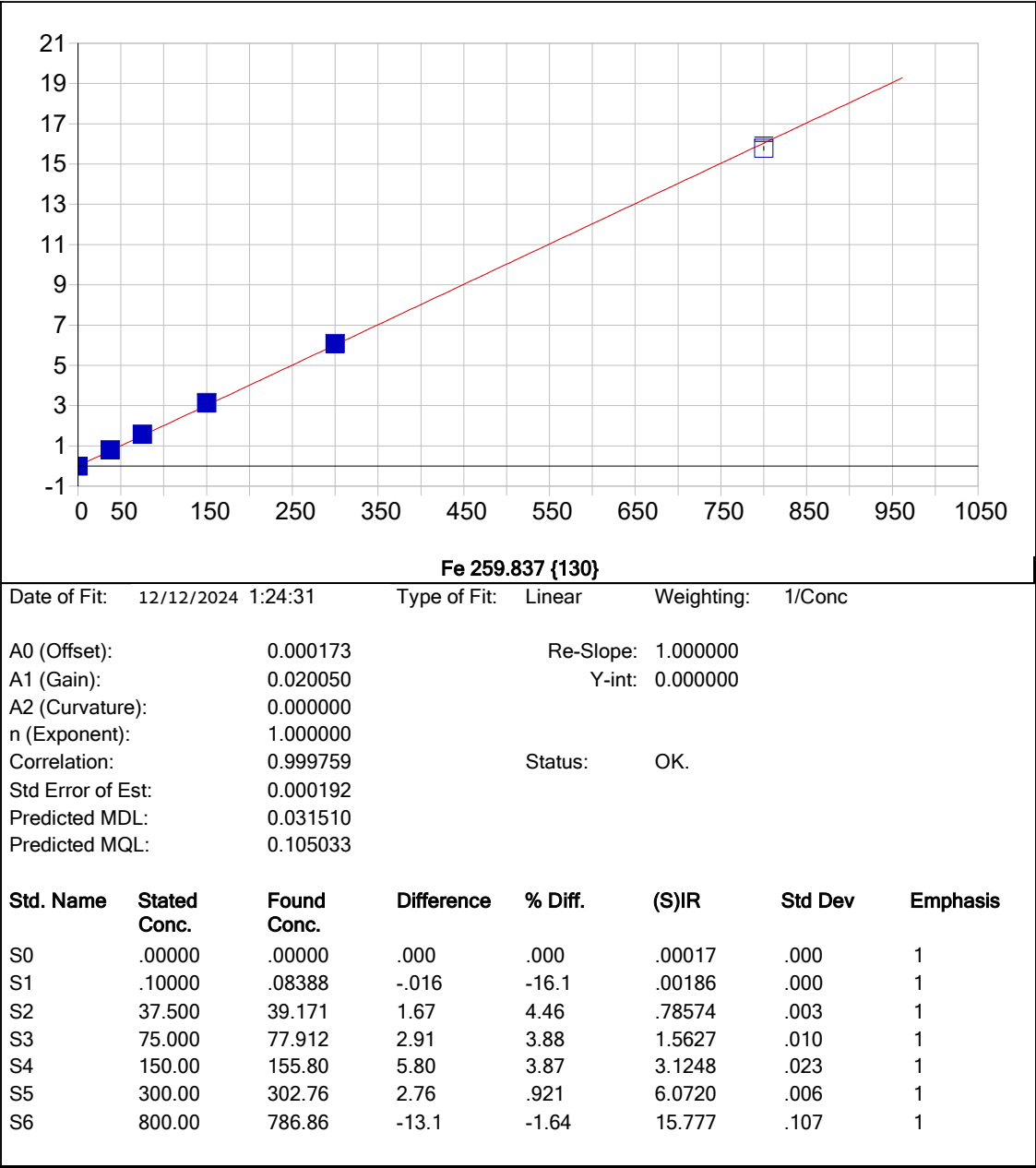




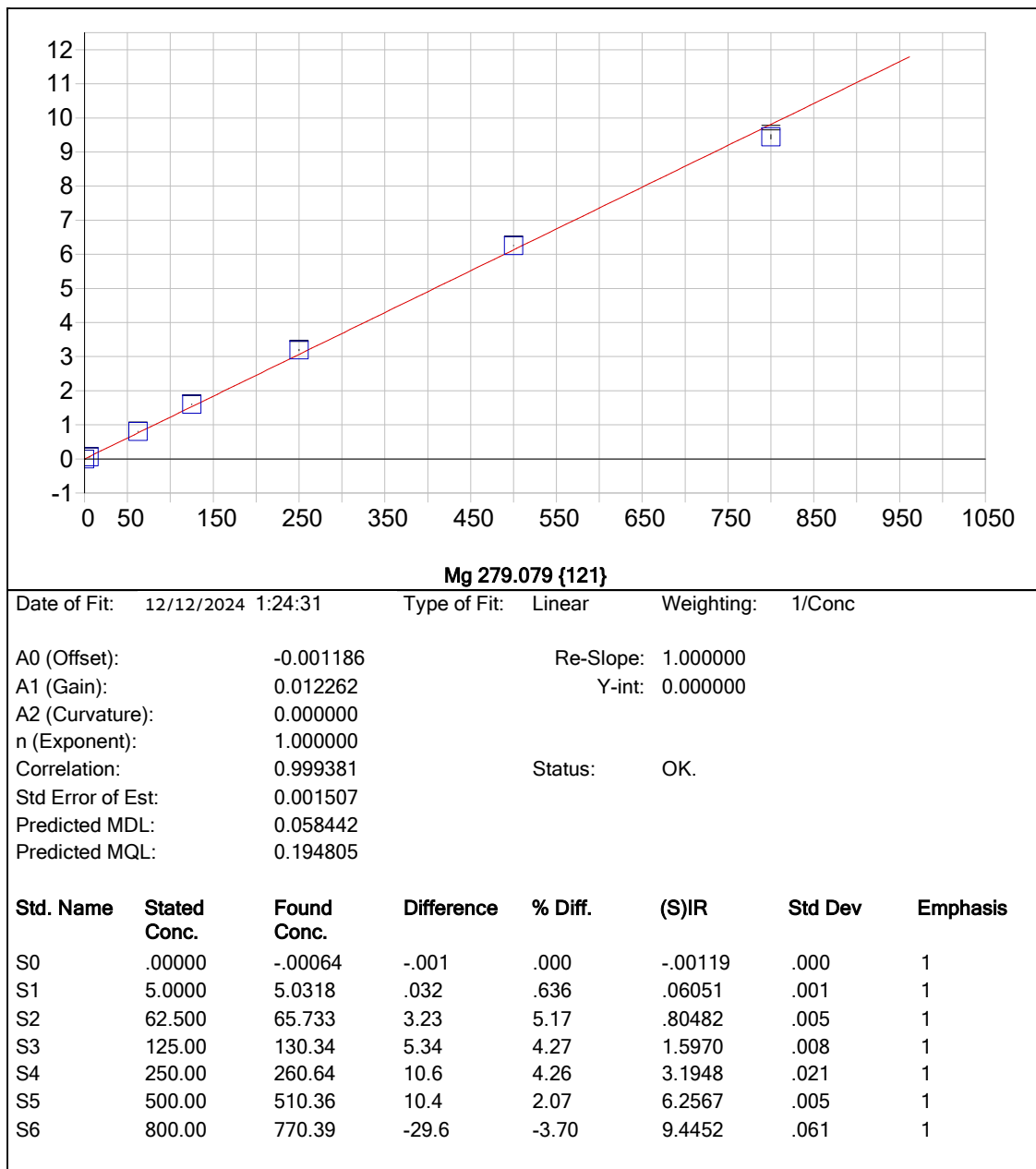


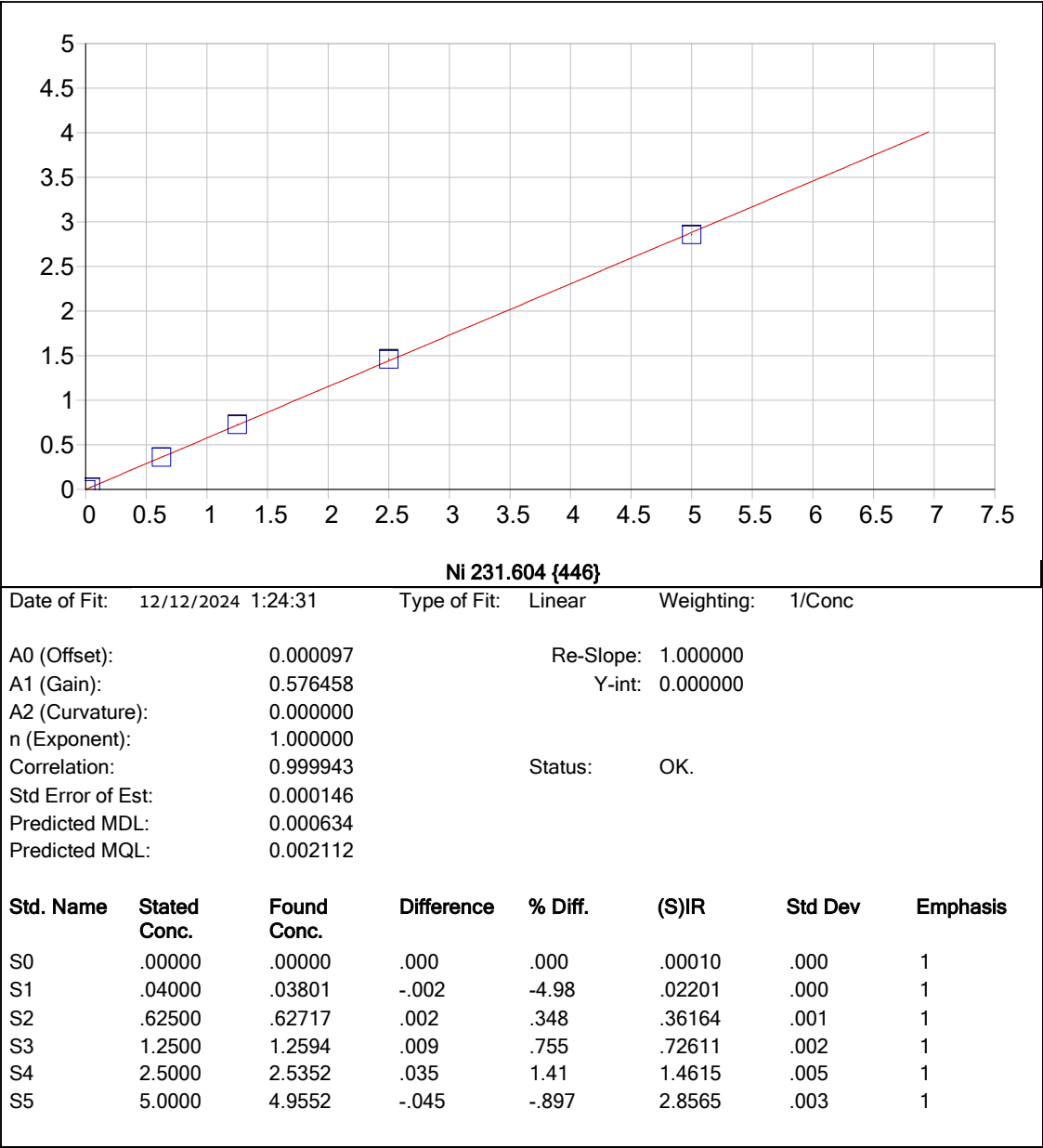


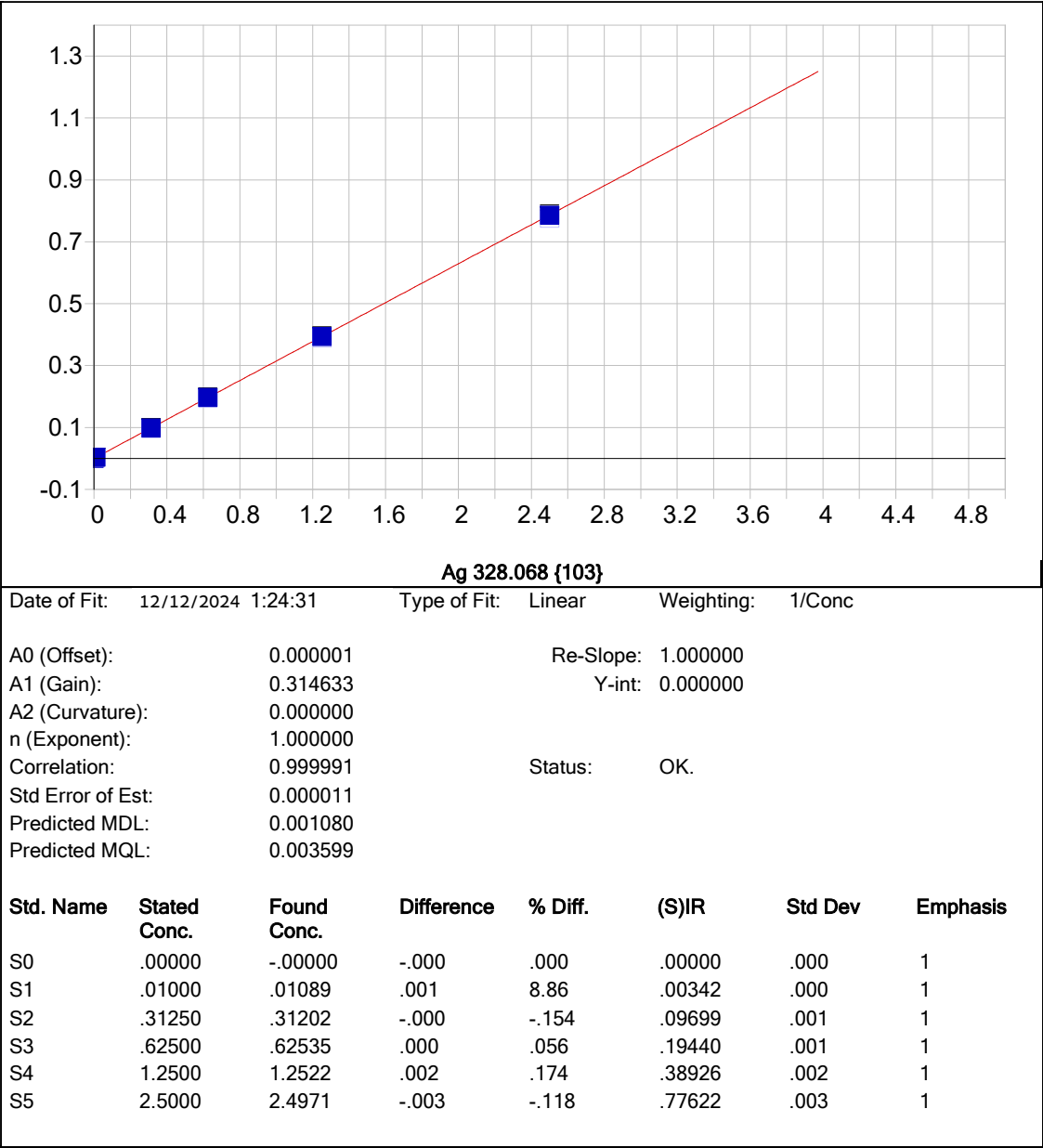




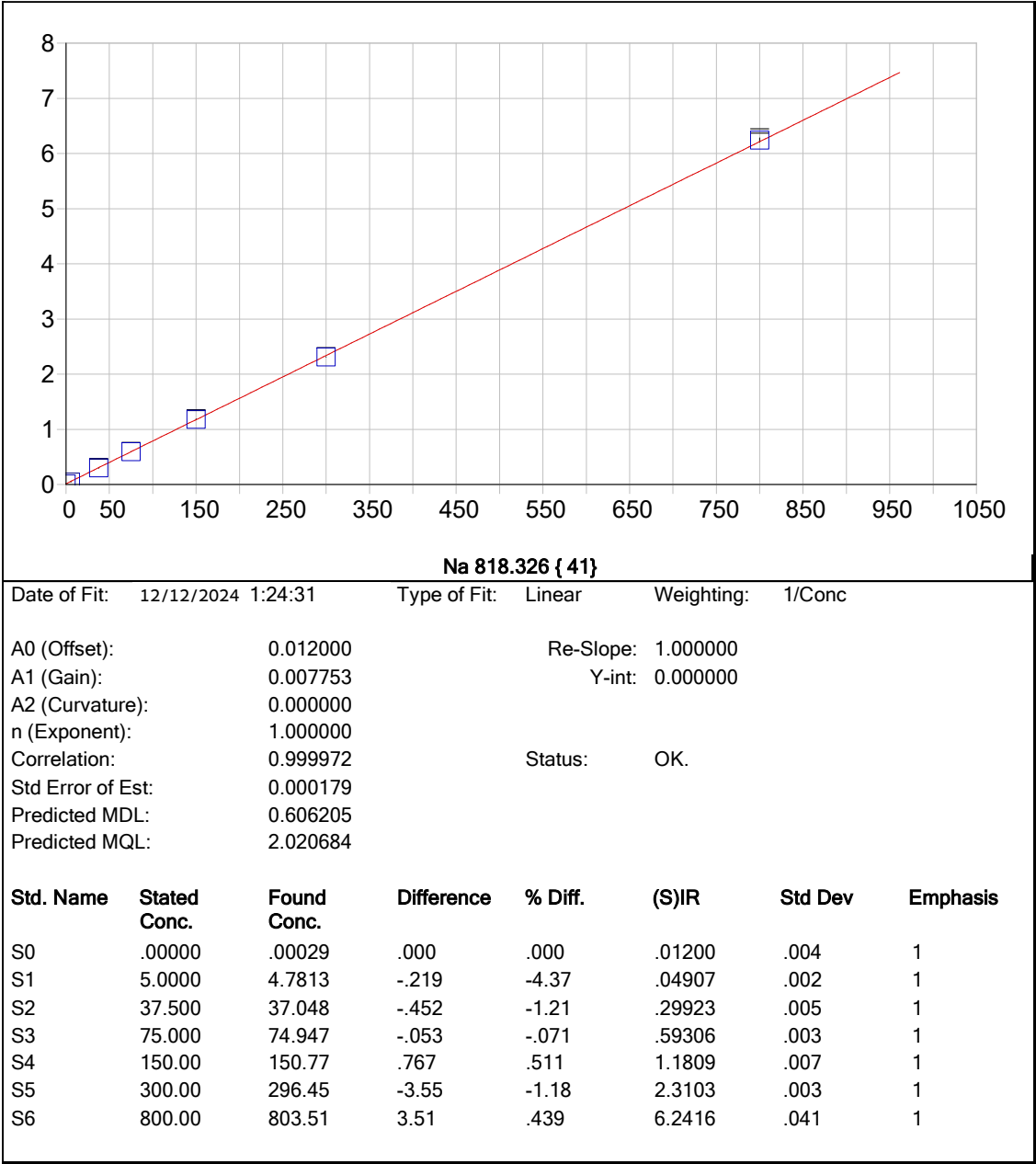


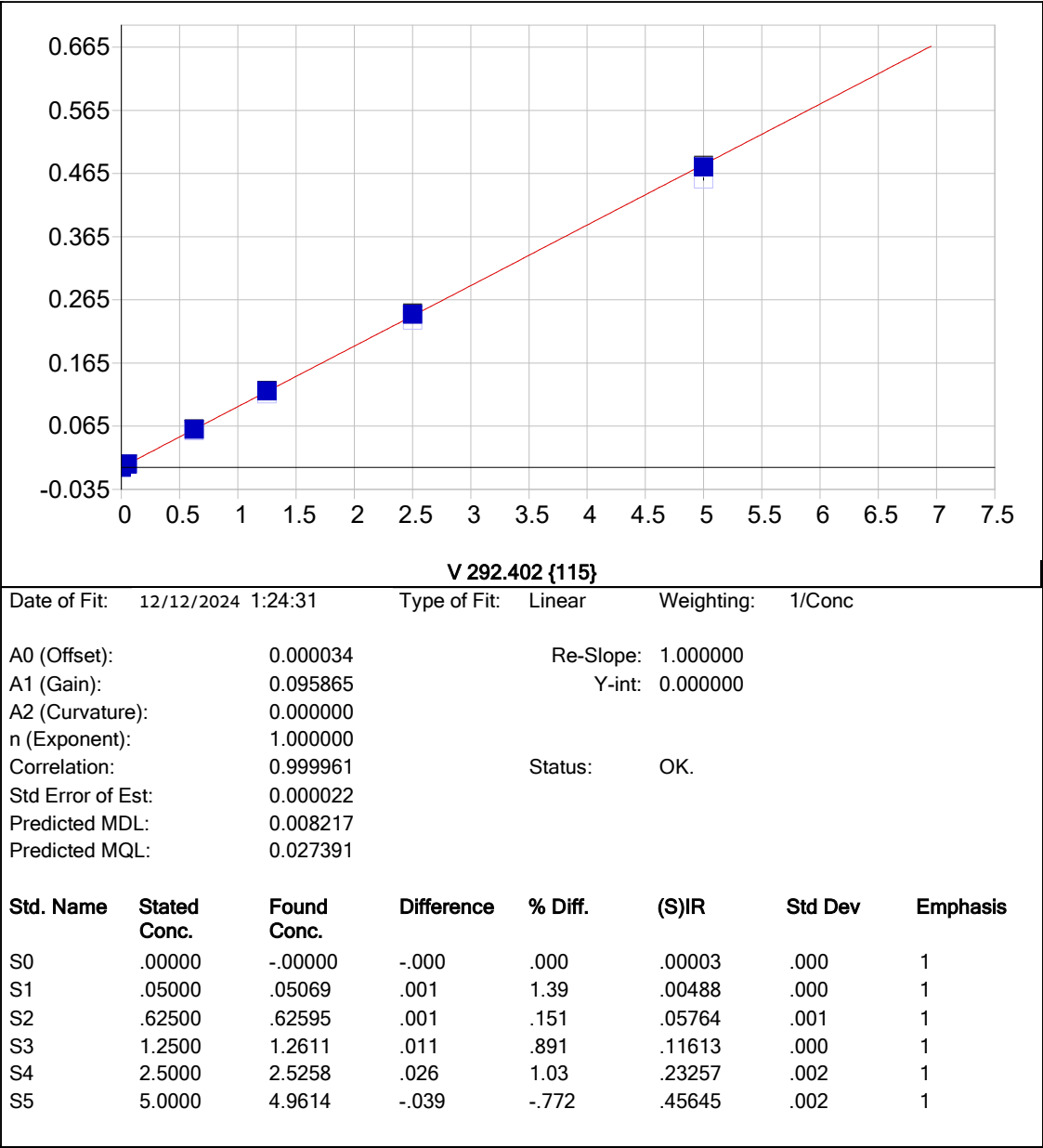


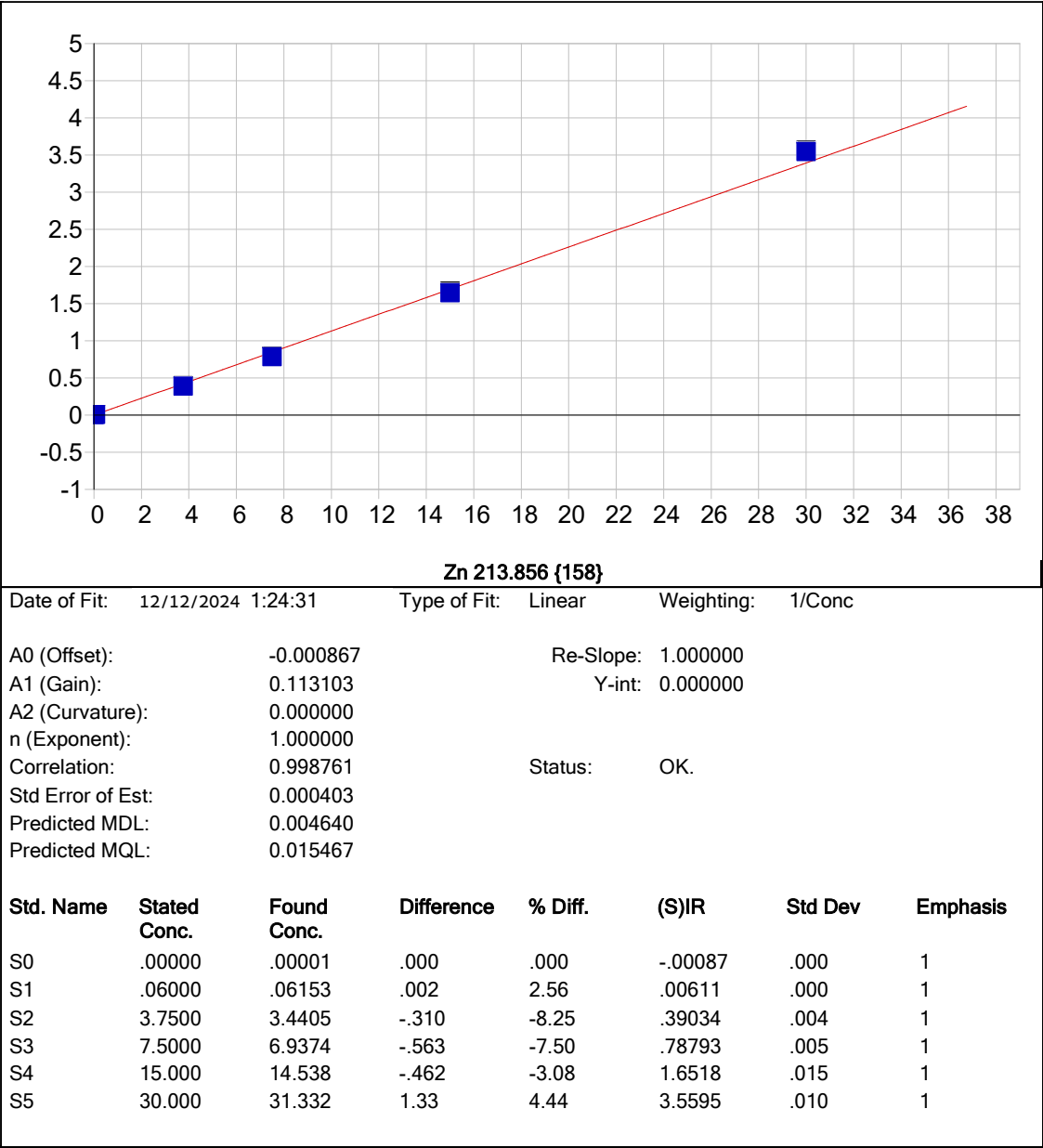


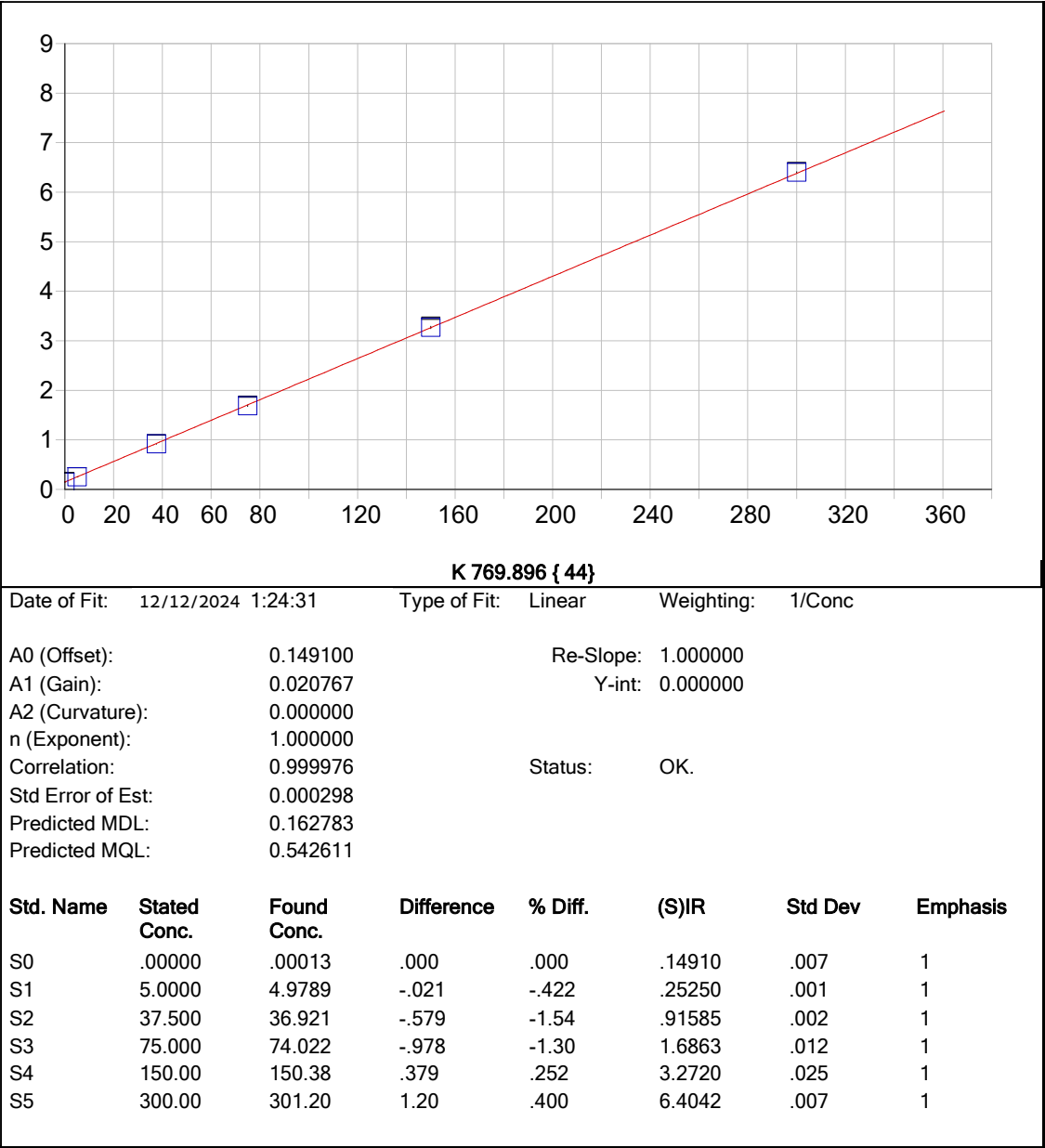


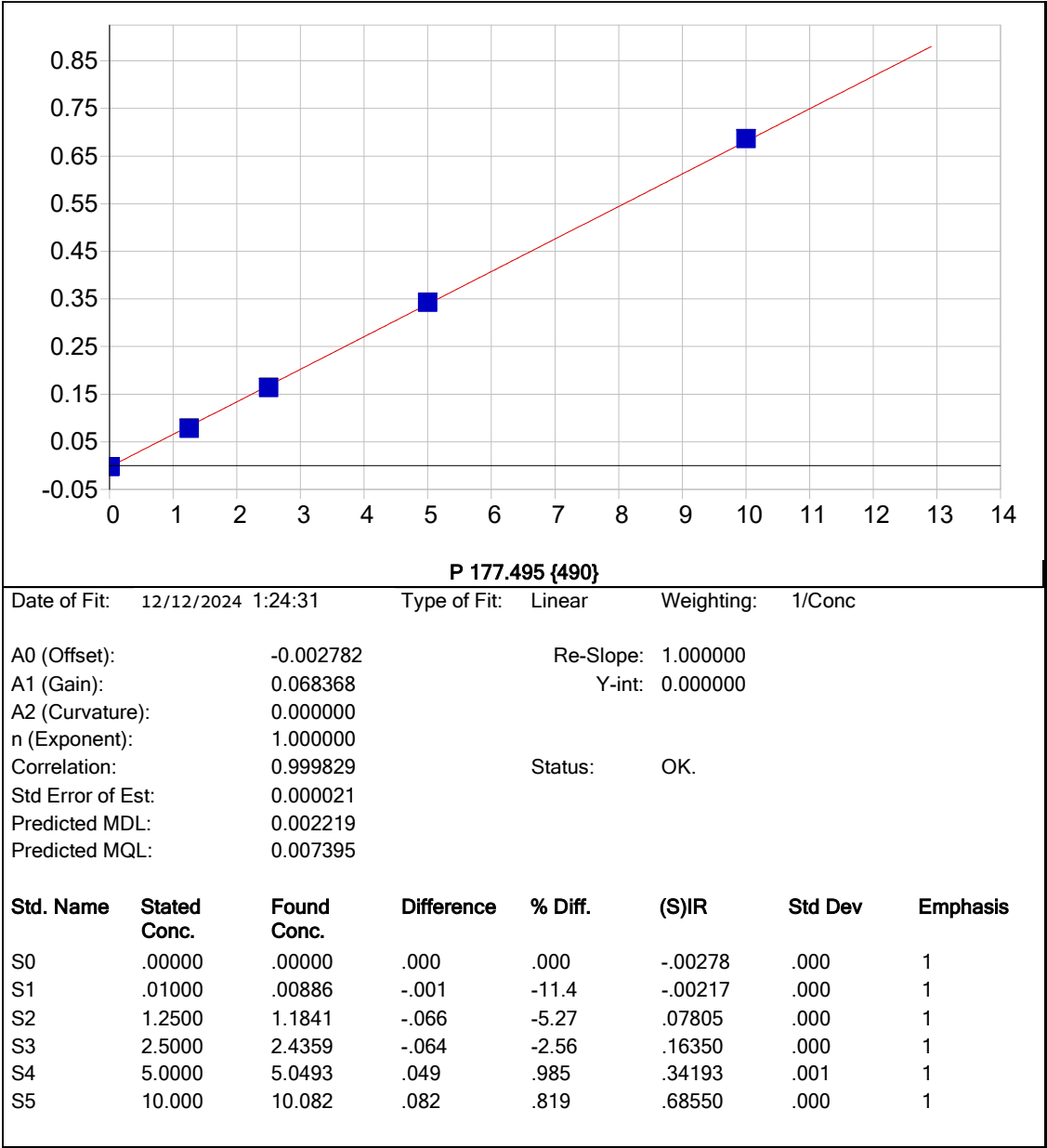


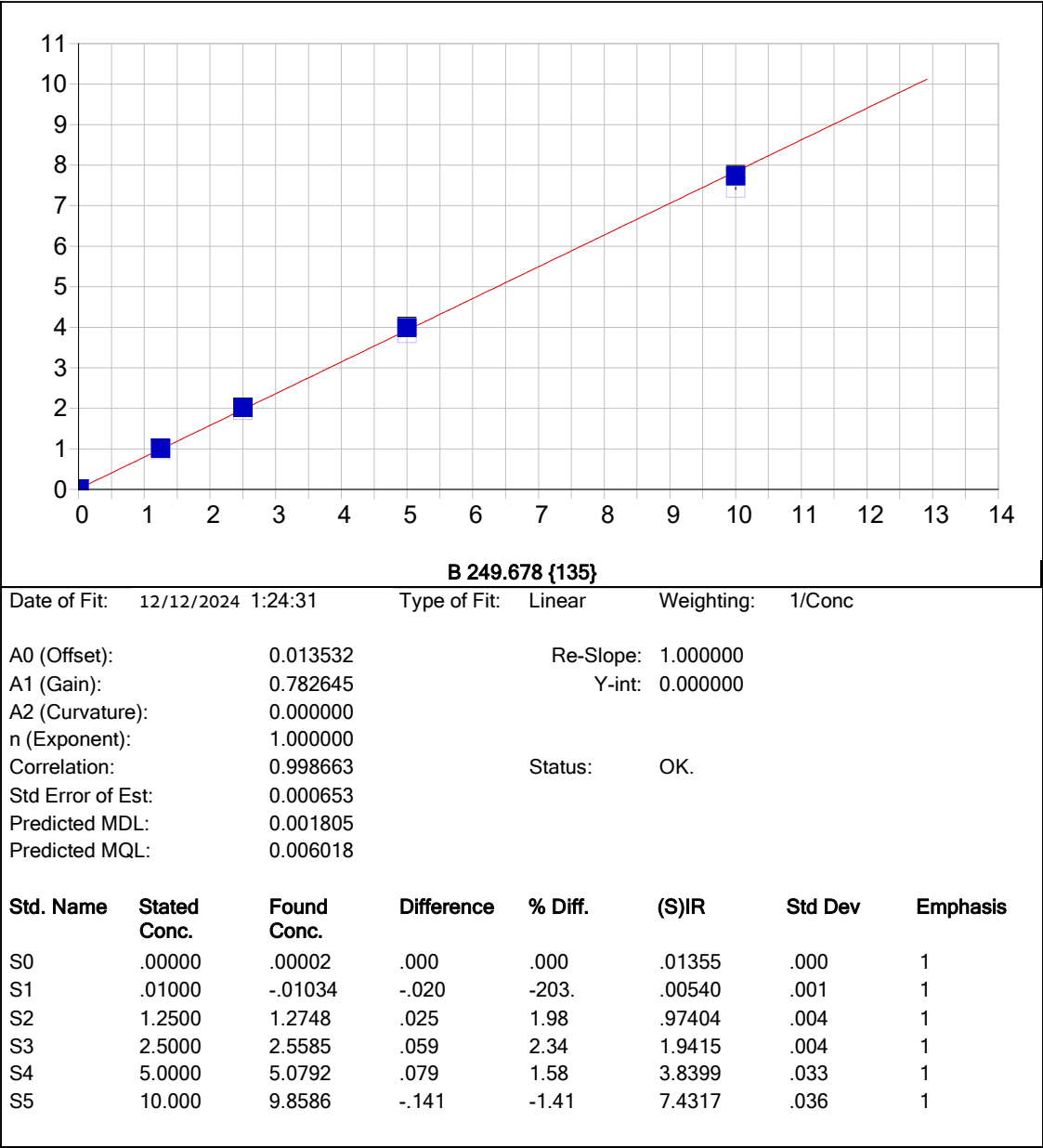


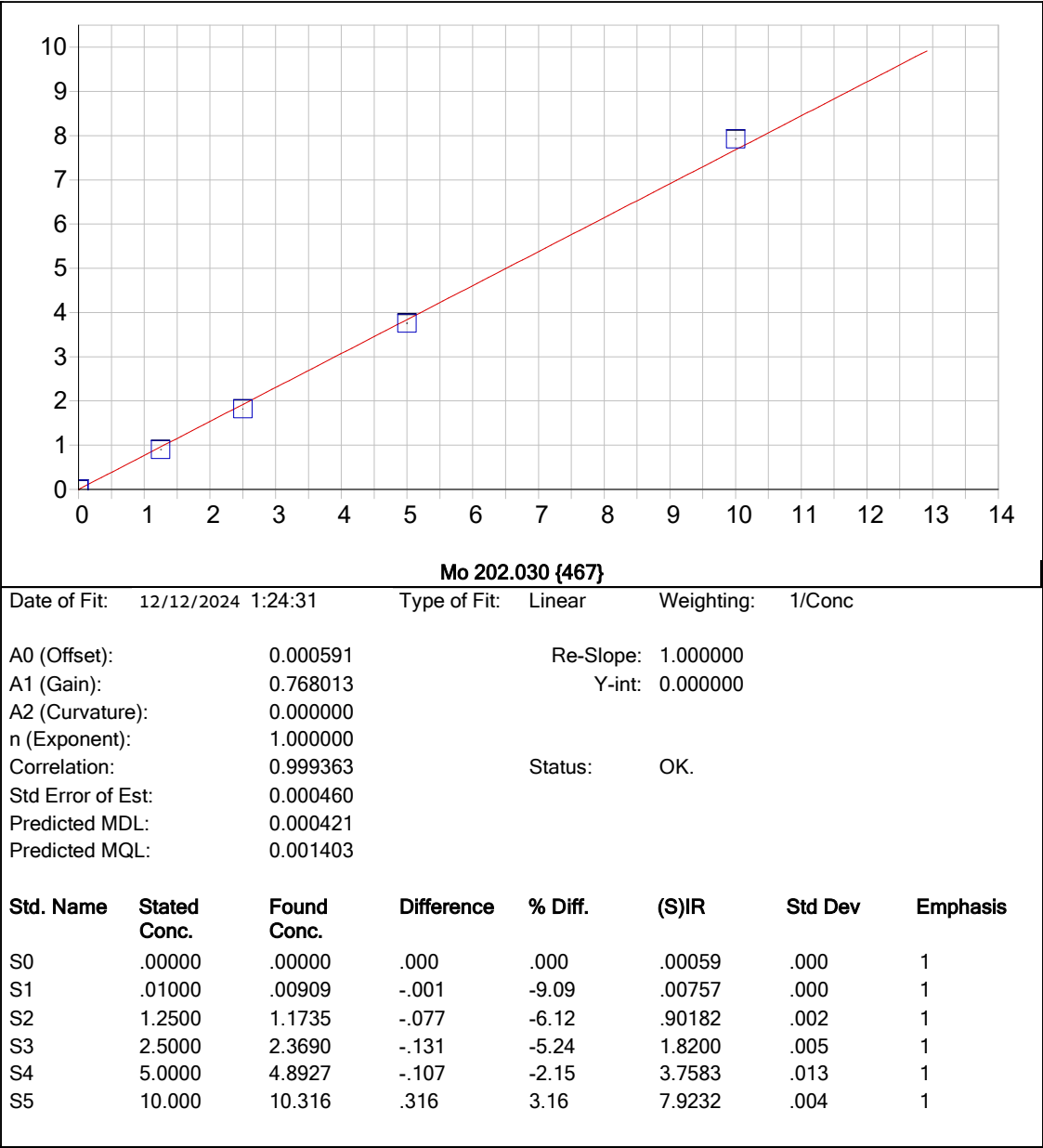


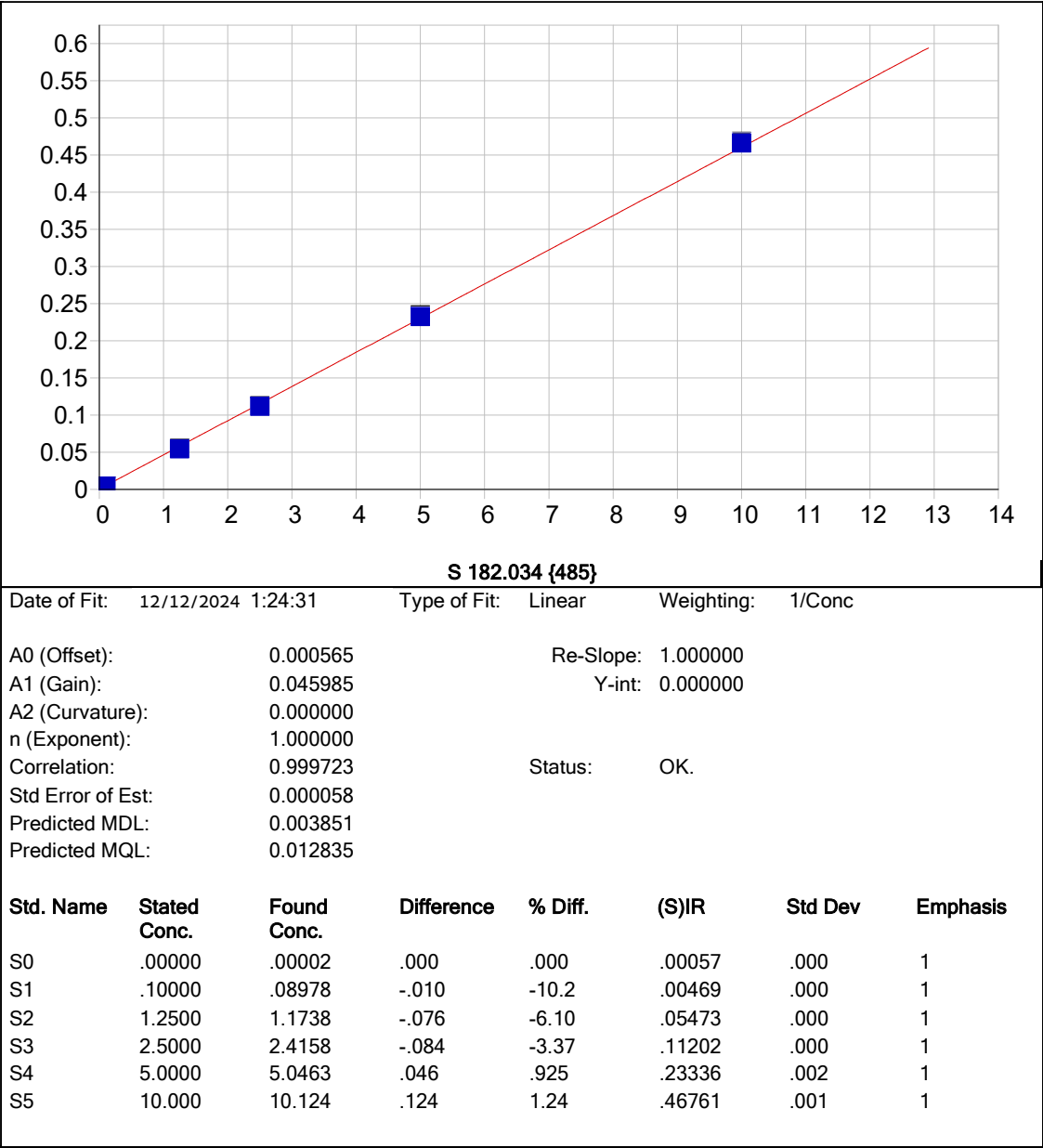




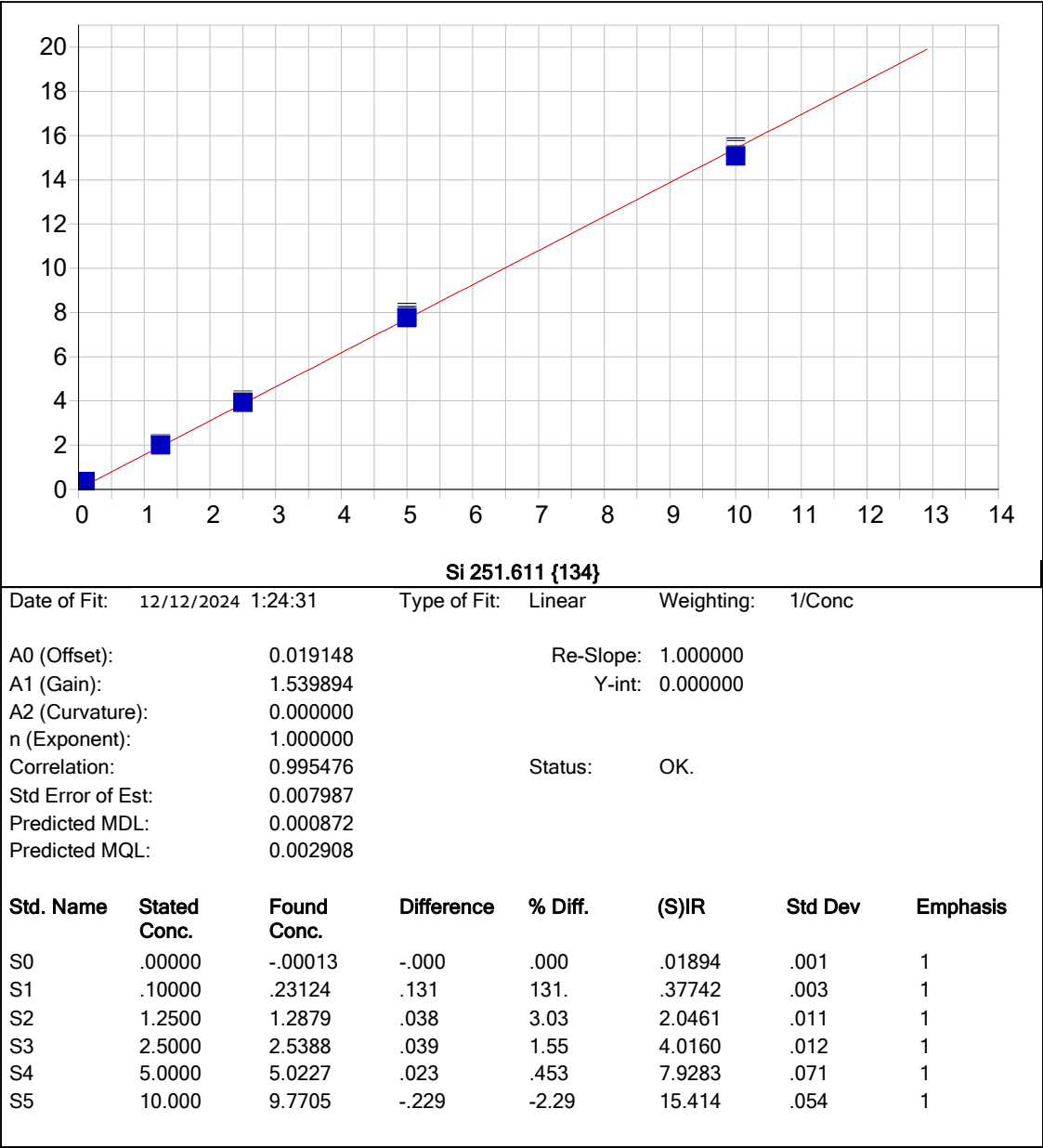


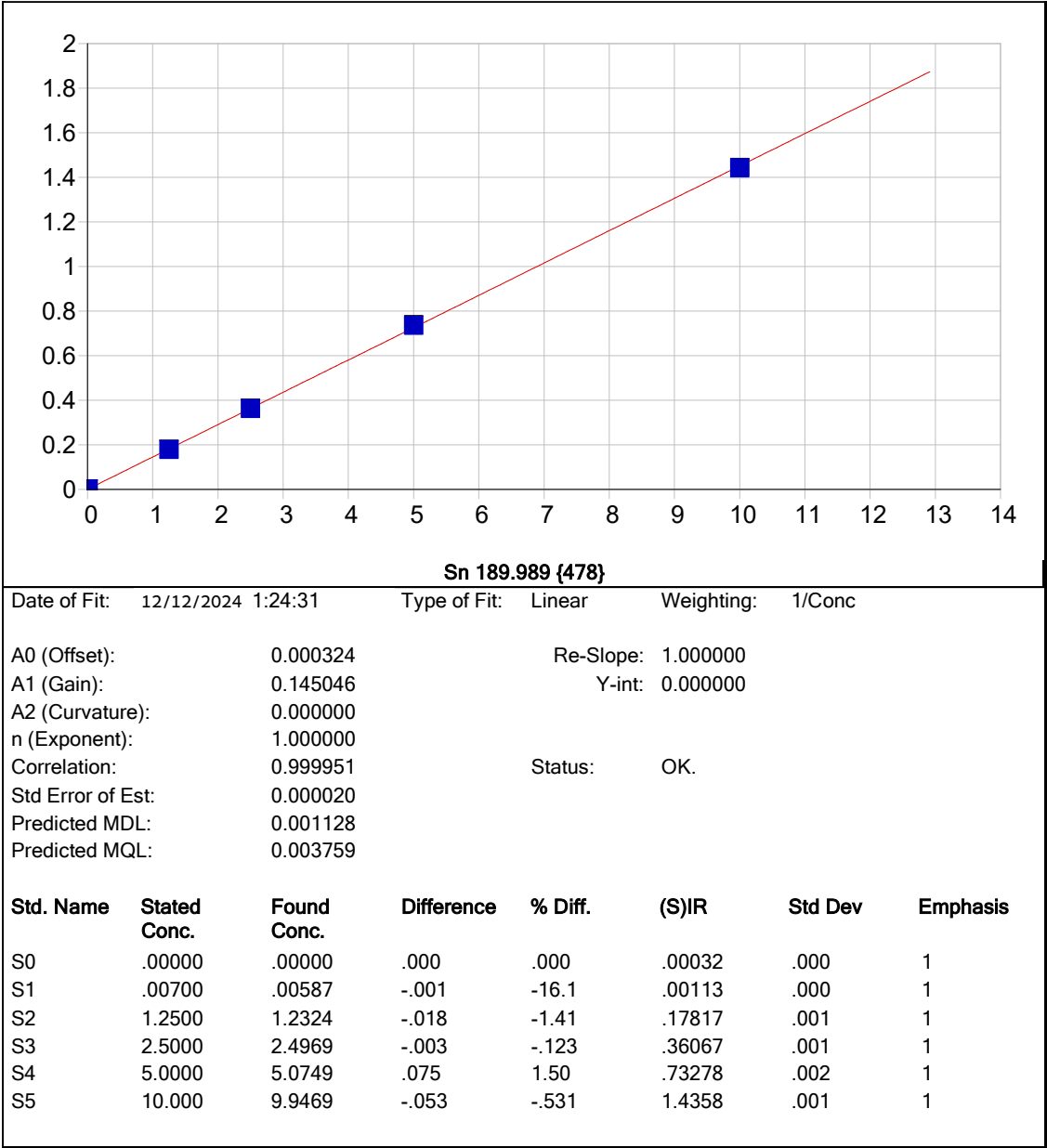


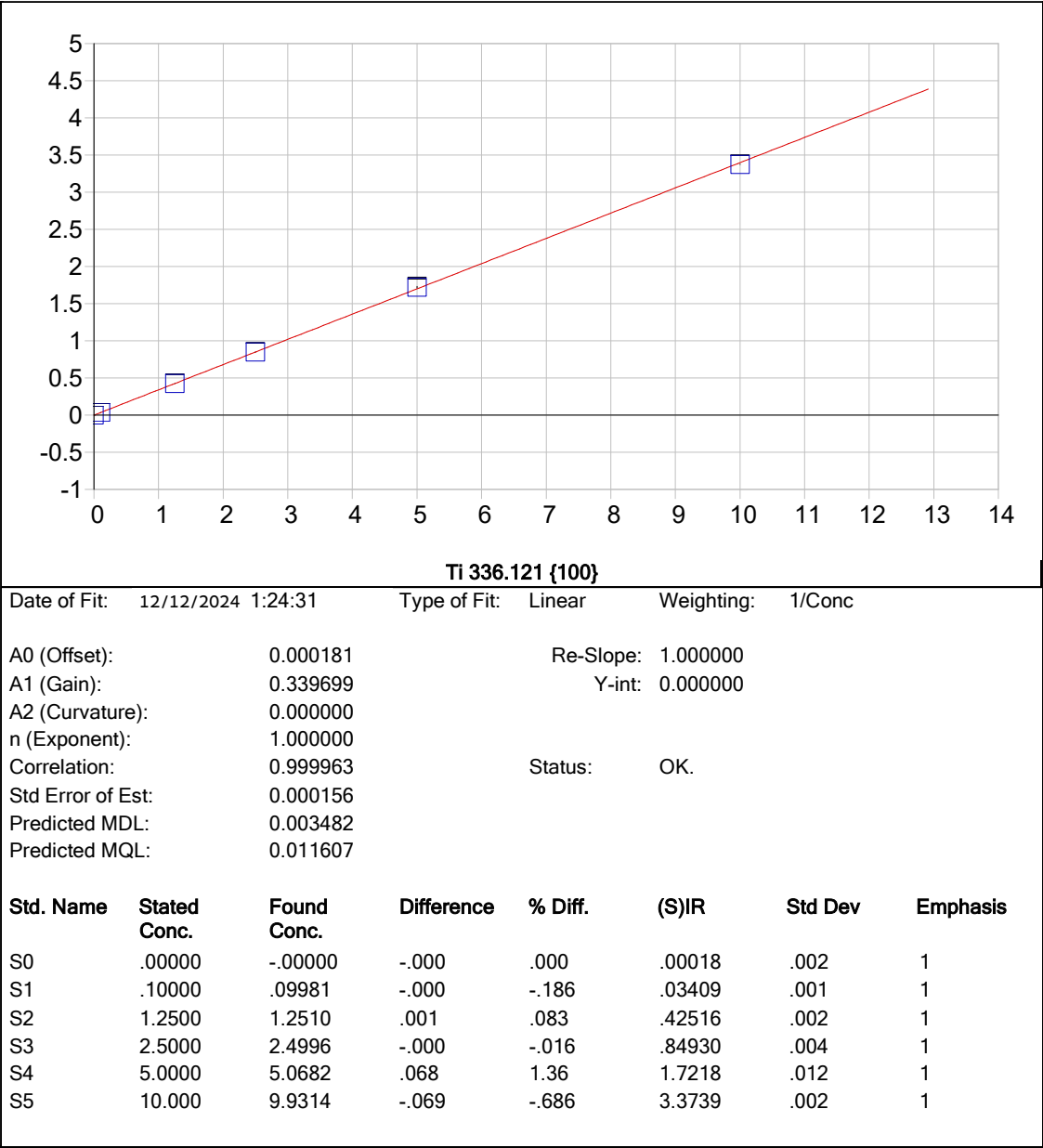


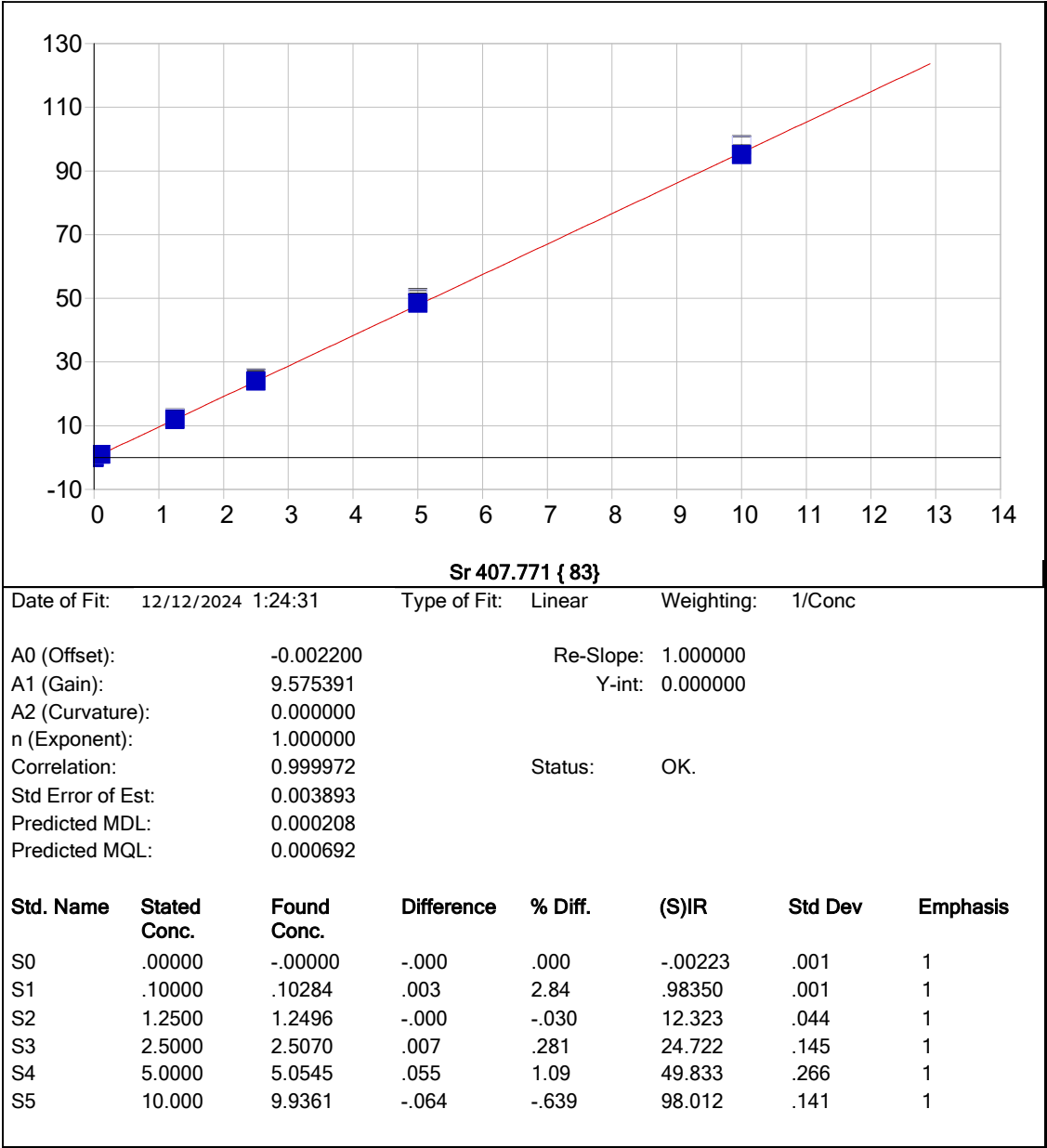


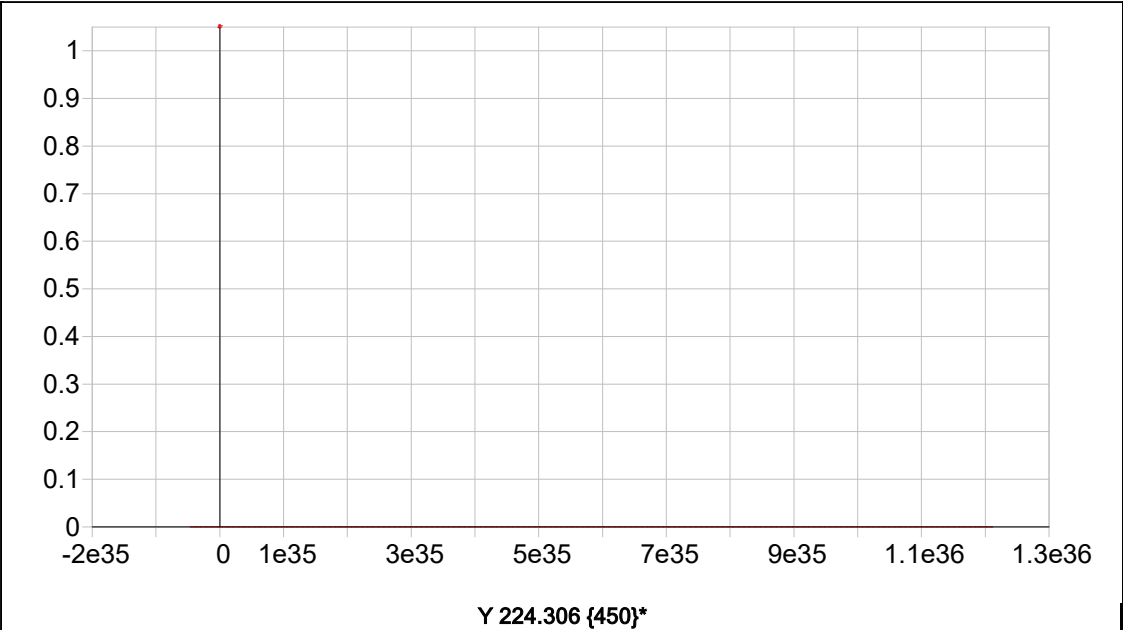




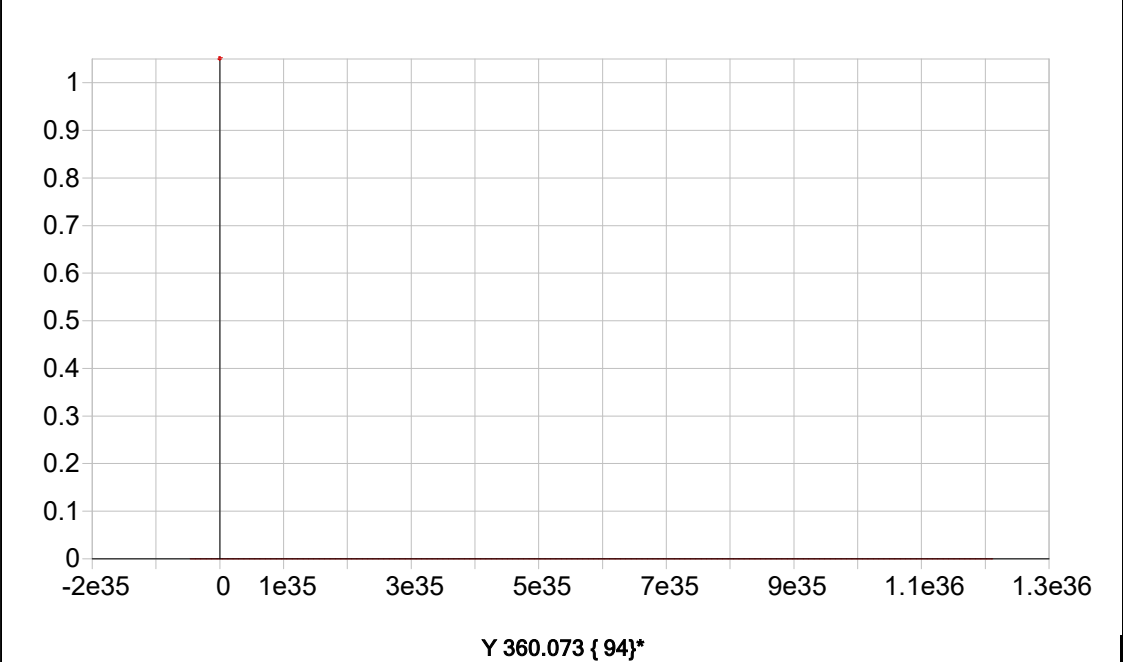






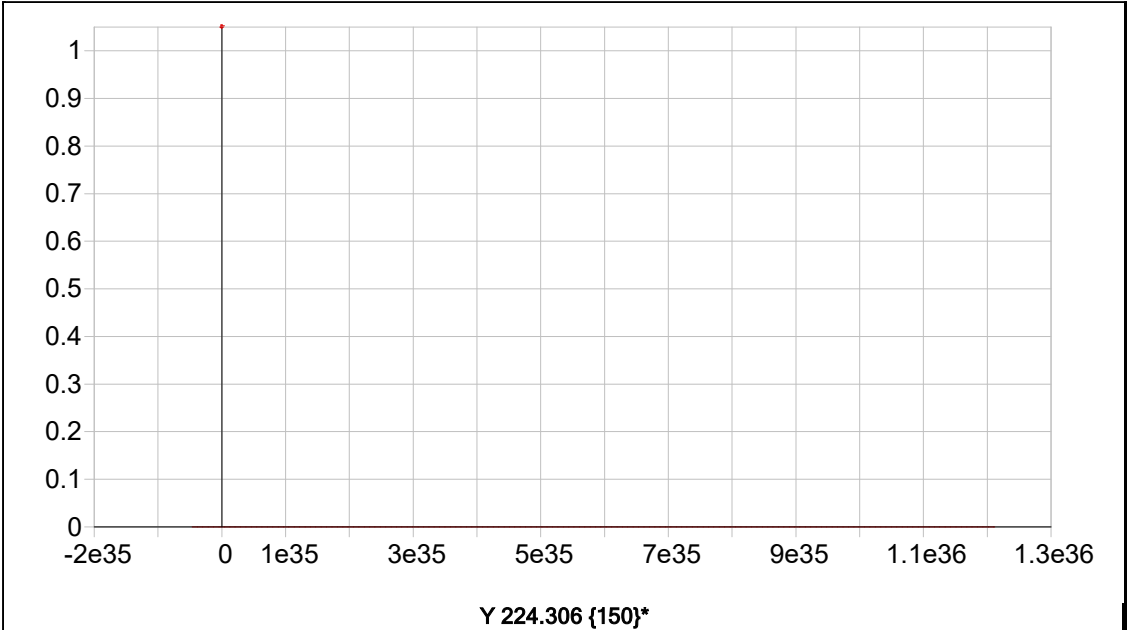


|                   |              |             |              |          |            |         |          |
|-------------------|--------------|-------------|--------------|----------|------------|---------|----------|
| Date of Fit:      | <not fit>    |             | Type of Fit: | Linear   | Weighting: | 1/Conc  |          |
| A0 (Offset):      | 0.000000     |             | Re-Slope:    | 1.000000 |            |         |          |
| A1 (Gain):        | 0.000000     |             | Y-int:       | 0.000000 |            |         |          |
| A2 (Curvature):   | 0.000000     |             |              |          |            |         |          |
| n (Exponent):     | 1.000000     |             |              |          |            |         |          |
| Correlation:      | 0.000000     |             | Status:      | Warning  | Zero Gain  |         |          |
| Std Error of Est: | 0.000000     |             |              |          |            |         |          |
| Predicted MDL:    | n/a          |             |              |          |            |         |          |
| Predicted MQL:    | n/a          |             |              |          |            |         |          |
| Std. Name         | Stated Conc. | Found Conc. | Difference   | % Diff.  | (S)IR      | Std Dev | Emphasis |



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





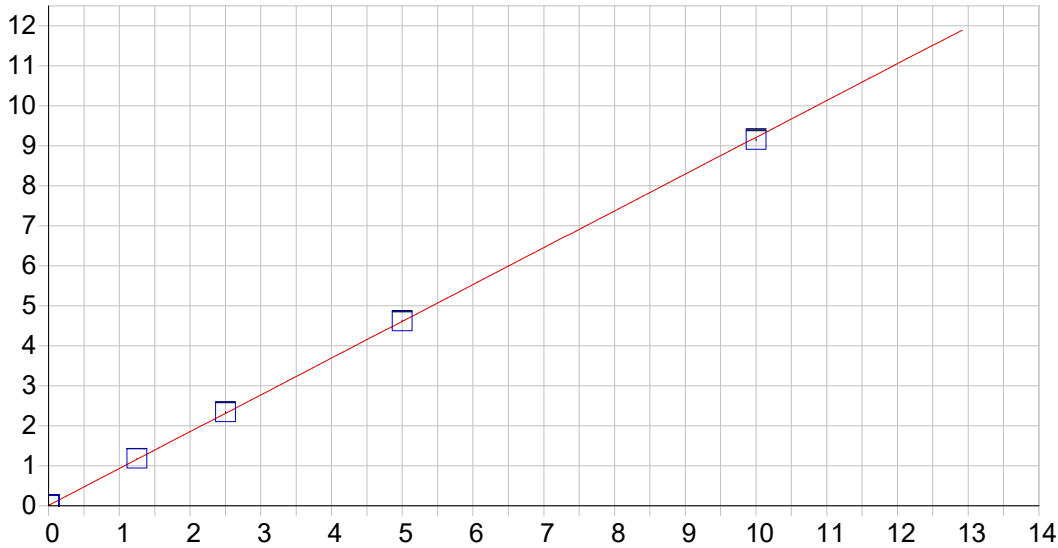
|                   |           |  |              |          |            |        |
|-------------------|-----------|--|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> |  | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  |  | Re-Slope: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

| Std. Name                                                                            | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR | Std Dev | Emphasis |
|--------------------------------------------------------------------------------------|--------------|-------------|------------|---------|-------|---------|----------|
|  |              |             |            |         |       |         |          |
| ln 230.606 {446}*                                                                    |              |             |            |         |       |         |          |

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

|                   |          |  |         |         |           |  |  |
|-------------------|----------|--|---------|---------|-----------|--|--|
| A2 (Curvature):   | 0.000000 |  |         |         |           |  |  |
| n (Exponent):     | 1.000000 |  |         |         |           |  |  |
| Correlation:      | 0.000000 |  | Status: | Warning | Zero Gain |  |  |
| Std Error of Est: | 0.000000 |  |         |         |           |  |  |
| Predicted MDL:    | n/a      |  |         |         |           |  |  |
| Predicted MQL:    | n/a      |  |         |         |           |  |  |

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



Li 670.784 { 50}

|                   |                    |              |         |            |          |  |  |
|-------------------|--------------------|--------------|---------|------------|----------|--|--|
| Date of Fit:      | 12/12/2024 1:24:31 | Type of Fit: | Linear  | Weighting: | 1/Conc   |  |  |
| A0 (Offset):      | 0.010926           |              |         | Re-Slope:  | 1.000000 |  |  |
| A1 (Gain):        | 0.920259           |              |         | Y-int:     | 0.000000 |  |  |
| A2 (Curvature):   | 0.000000           |              |         |            |          |  |  |
| n (Exponent):     | 1.000000           |              |         |            |          |  |  |
| Correlation:      | 0.999968           |              | Status: | OK.        |          |  |  |
| Std Error of Est: | 0.000152           |              |         |            |          |  |  |
| Predicted MDL:    | 0.004382           |              |         |            |          |  |  |
| Predicted MQL:    | 0.014605           |              |         |            |          |  |  |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00000     | -.000      | .000    | .01093 | .003    | 1        |
| S5        | 10.000       | 9.9399      | -.060      | -.601   | 9.1582 | .025    | 1        |
| S4        | 5.0000       | 5.0048      | .005       | .095    | 4.6166 | .018    | 1        |
| S3        | 2.5000       | 2.5324      | .032       | 1.30    | 2.3414 | .013    | 1        |
| S2        | 1.2500       | 1.2729      | .023       | 1.84    | 1.1824 | .003    | 1        |
| S1        | .01500       | .01497      | -.000      | -.185   | .02470 | .003    | 1        |



Sample Name: S0      Acquired: 12/12/2024 15:16:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      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    | .03432  | .00009  | .00010  | .00011  | .00078  | -.00051 | .01085  | -.00204 |
| Stddev | .49232  | .00020  | .00044  | .00015  | .00004  | .00137  | .00134  | .00058  |
| %RSD   | 1434.4  | 228.95  | 434.98  | 138.62  | 5.3730  | 267.89  | 12.380  | 28.483  |
| #1     | .15323  | .00019  | .00059  | -.00006 | .00082  | .00106  | .01129  | -.00271 |
| #2     | -.50656 | -.00014 | -.00027 | .00015  | .00074  | -.00145 | .00934  | -.00176 |
| #3     | .45630  | .00022  | -.00001 | .00023  | .00077  | -.00114 | .01192  | -.00166 |
| Elem   | Cd2144  | Ca3736  | Cr2677  | Co2286  | Cu3247  | Fe2598  | Mn2576  | Mg2790  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .00024  | .00479  | .00045  | -.00021 | .00229  | .00017  | -.00005 | -.00119 |
| Stddev | .00028  | .00108  | .00026  | .00010  | .00021  | .00045  | .00046  | .00038  |
| %RSD   | 116.79  | 22.592  | 57.203  | 50.570  | 9.0999  | 258.73  | 844.36  | 31.496  |
| #1     | .00047  | .00602  | .00051  | -.00033 | .00211  | -.00023 | -.00026 | -.00093 |
| #2     | .00031  | .00397  | .00017  | -.00014 | .00223  | .00066  | .00047  | -.00163 |
| #3     | -.00007 | .00438  | .00067  | -.00016 | .00252  | .00009  | -.00038 | -.00102 |
| Elem   | Ni2316  | Ag3280  | Na8183  | V_2924  | Zn2138  | K_7698  | P_1774  | B_2496  |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |
| Avg    | .00010  | .00000  | .01200  | .00003  | -.00087 | .14910  | -.00278 | .01355  |
| Stddev | .00009  | .00026  | .00395  | .00048  | .00045  | .00663  | .00010  | .00048  |
| %RSD   | 91.295  | 27161.  | 32.922  | 1414.9  | 52.251  | 4.4465  | 3.7486  | 3.5297  |
| #1     | .00013  | -.00027 | .00761  | .00010  | -.00047 | .15358  | -.00281 | .01305  |
| #2     | .00017  | .00025  | .01527  | .00048  | -.00077 | .15225  | -.00287 | .01358  |
| #3     | -.00000 | .00002  | .01313  | -.00048 | -.00136 | .14149  | -.00267 | .01401  |
| Elem   | Mo2020  | S_1820  | Si2516  | Sn1899  | Ti3361  | Sr4077  | Li6707  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | .00059  | .00057  | .01894  | .00032  | .00018  | -.00223 | .01093  |         |
| Stddev | .00024  | .00011  | .00068  | .00006  | .00167  | .00072  | .00326  |         |
| %RSD   | 41.346  | 19.029  | 3.5733  | 18.844  | 919.72  | 32.376  | 29.876  |         |
| #1     | .00080  | .00055  | .01851  | .00034  | -.00047 | -.00153 | .00750  |         |
| #2     | .00066  | .00068  | .01859  | .00026  | -.00106 | -.00220 | .01129  |         |
| #3     | .00032  | .00047  | .01972  | .00038  | .00208  | -.00298 | .01400  |         |

Sample Name: S0      Acquired: 12/12/2024 15:16:58      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S0      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       | 2366.2 | 23248. | 2701.6 | 1678.4 | 3102.0 |
| Stddev    | 13.7   | 28.    | 80.8   | 8.2    | 11.6   |
| %RSD      | .57912 | .12069 | 2.9924 | .48659 | .37240 |
| #1        | 2371.1 | 23219. | 2644.2 | 1669.6 | 3107.3 |
| #2        | 2376.8 | 23274. | 2666.6 | 1685.7 | 3109.9 |
| #3        | 2350.7 | 23251. | 2794.1 | 1679.9 | 3088.7 |

Sample Name: S1      Acquired: 12/12/2024 15:21:04      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      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    | 1.5630 | .00235 | .00189 | .00191 | .01008 | .02002 | .75917  | .05025 |
| Stddev | .1249  | .00003 | .00037 | .00021 | .00045 | .00135 | .00189  | .00138 |
| %RSD   | 7.9896 | 1.2896 | 19.607 | 10.790 | 4.4177 | 6.7201 | .24853  | 2.7553 |
| #1     | 1.5425 | .00236 | .00159 | .00208 | .00957 | .01853 | .76123  | .04917 |
| #2     | 1.6969 | .00237 | .00178 | .00168 | .01038 | .02114 | .75752  | .04977 |
| #3     | 1.4497 | .00231 | .00231 | .00199 | .01030 | .02038 | .75877  | .05181 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576  | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .01760 | .26087 | .00370 | .05081 | .00589 | .00186 | .00580  | .06051 |
| Stddev | .00025 | .00264 | .00018 | .00058 | .00076 | .00036 | .00030  | .00091 |
| %RSD   | 1.4016 | 1.0113 | 4.8687 | 1.1462 | 12.831 | 19.275 | 5.0983  | 1.5049 |
| #1     | .01748 | .26055 | .00350 | .05016 | .00676 | .00221 | .00550  | .05947 |
| #2     | .01743 | .25840 | .00384 | .05130 | .00544 | .00186 | .00609  | .06090 |
| #3     | .01788 | .26365 | .00377 | .05096 | .00546 | .00150 | .00581  | .06116 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774  | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   | Cts/S  |
| Avg    | .02201 | .00342 | .04907 | .00488 | .00611 | .25250 | -.00217 | .00540 |
| Stddev | .00025 | .00025 | .00157 | .00015 | .00044 | .00065 | .00010  | .00071 |
| %RSD   | 1.1212 | 7.3285 | 3.1926 | 3.1756 | 7.2088 | .25652 | 4.6472  | 13.102 |
| #1     | .02174 | .00371 | .04728 | .00476 | .00645 | .25323 | -.00229 | .00621 |
| #2     | .02222 | .00329 | .05020 | .00506 | .00561 | .25226 | -.00210 | .00489 |
| #3     | .02206 | .00327 | .04973 | .00482 | .00628 | .25200 | -.00213 | .00510 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707  |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |        |
| Avg    | .00757 | .00469 | .37742 | .00113 | .03409 | .98350 | .02470  |        |
| Stddev | .00020 | .00005 | .00258 | .00007 | .00149 | .00082 | .00258  |        |
| %RSD   | 2.5770 | 1.0193 | .68251 | 6.0559 | 4.3834 | .08371 | 10.432  |        |
| #1     | .00745 | .00464 | .37789 | .00120 | .03576 | .98350 | .02316  |        |
| #2     | .00747 | .00471 | .37464 | .00113 | .03289 | .98432 | .02768  |        |
| #3     | .00780 | .00473 | .37972 | .00107 | .03361 | .98267 | .02327  |        |

Sample Name: S1      Acquired: 12/12/2024 15:21:04      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S01      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       | 2341.0 | 23348. | 2658.0 | 1679.8 | 3072.3 |
| Stddev    | 8.4    | 25.    | 19.2   | 2.4    | 12.6   |
| %RSD      | .35816 | .10726 | .72106 | .14578 | .41007 |
| #1        | 2350.3 | 23348. | 2656.4 | 1681.3 | 3086.7 |
| #2        | 2338.9 | 23323. | 2677.9 | 1676.9 | 3066.6 |
| #3        | 2334.0 | 23374. | 2639.7 | 1681.0 | 3063.5 |

Sample Name: S2      Acquired: 12/12/2024 15:25:10      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      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    | 241.54 | .13234 | 1.4169 | .08221 | .21096 | 3.5355 | 9.4336 | 1.2767 |
| Stddev | 1.29   | .00032 | .0022  | .00045 | .00043 | .0097  | .0408  | .0049  |
| %RSD   | .53584 | .24517 | .15717 | .55124 | .20261 | .27381 | .43269 | .38609 |
| #1     | 240.05 | .13202 | 1.4143 | .08171 | .21047 | 3.5407 | 9.4208 | 1.2823 |
| #2     | 242.28 | .13267 | 1.4180 | .08233 | .21125 | 3.5243 | 9.4007 | 1.2747 |
| #3     | 242.30 | .13235 | 1.4183 | .08260 | .21115 | 3.5414 | 9.4793 | 1.2731 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.3511 | 3.2745 | 1.3349 | .64405 | .56878 | .78574 | 1.4175 | .80482 |
| Stddev | .0063  | .0098  | .0012  | .00153 | .00326 | .00284 | .0047  | .00454 |
| %RSD   | .26795 | .29801 | .09190 | .23687 | .57252 | .36120 | .32840 | .56460 |
| #1     | 2.3448 | 3.2691 | 1.3335 | .64230 | .56671 | .78362 | 1.4160 | .80111 |
| #2     | 2.3511 | 3.2687 | 1.3354 | .64510 | .56709 | .78464 | 1.4138 | .80345 |
| #3     | 2.3574 | 3.2858 | 1.3358 | .64473 | .57253 | .78897 | 1.4228 | .80989 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .36164 | .09699 | .29923 | .05764 | .39034 | .91585 | .07805 | .97404 |
| Stddev | .00072 | .00071 | .00507 | .00066 | .00385 | .00233 | .00017 | .00433 |
| %RSD   | .19830 | .73075 | 1.6958 | 1.1455 | .98582 | .25428 | .21693 | .44466 |
| #1     | .36228 | .09621 | .30465 | .05739 | .38626 | .91549 | .07787 | .97505 |
| #2     | .36086 | .09759 | .29459 | .05714 | .39084 | .91373 | .07821 | .97777 |
| #3     | .36177 | .09718 | .29846 | .05839 | .39391 | .91834 | .07807 | .96929 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | .90182 | .05473 | 2.0461 | .17817 | .42516 | 12.323 | 1.1824 |        |
| Stddev | .00218 | .00035 | .0110  | .00074 | .00199 | .044   | .0028  |        |
| %RSD   | .24205 | .63358 | .53803 | .41262 | .46905 | .36026 | .23650 |        |
| #1     | .90040 | .05462 | 2.0577 | .17732 | .42339 | 12.299 | 1.1817 |        |
| #2     | .90072 | .05511 | 2.0448 | .17865 | .42476 | 12.295 | 1.1800 |        |
| #3     | .90433 | .05444 | 2.0358 | .17853 | .42732 | 12.374 | 1.1854 |        |

Sample Name: S2      Acquired: 12/12/2024 15:25:10      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S02      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       | 2276.6 | 23035. | 2692.2 | 1611.1 | 2836.0 |
| Stddev    | 3.7    | 76.    | 14.3   | 4.9    | 8.3    |
| %RSD      | .16147 | .33196 | .53088 | .30502 | .29348 |
| #1        | 2274.6 | 23032. | 2675.9 | 1616.7 | 2832.3 |
| #2        | 2274.4 | 23113. | 2702.3 | 1607.9 | 2830.2 |
| #3        | 2280.8 | 22960. | 2698.6 | 1608.7 | 2845.6 |

Sample Name: S3      Acquired: 12/12/2024 15:29:01      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      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    | 477.37 | .26188 | 2.8517 | .16590 | .42594 | 7.0556 | 18.964 | 2.5367 |
| Stddev | .38    | .00095 | .0069  | .00053 | .00015 | .0502  | .119   | .0023  |
| %RSD   | .08025 | .36265 | .24131 | .31661 | .03632 | .71092 | .62596 | .09182 |
| #1     | 476.97 | .26149 | 2.8465 | .16643 | .42576 | 7.1126 | 19.101 | 2.5388 |
| #2     | 477.41 | .26118 | 2.8490 | .16538 | .42599 | 7.0182 | 18.909 | 2.5342 |
| #3     | 477.73 | .26296 | 2.8595 | .16590 | .42606 | 7.0359 | 18.883 | 2.5370 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 4.7223 | 6.5144 | 2.6270 | 1.2726 | 1.1321 | 1.5627 | 2.8146 | 1.5970 |
| Stddev | .0117  | .0267  | .0112  | .0008  | .0060  | .0095  | .0151  | .0083  |
| %RSD   | .24742 | .40961 | .42581 | .06257 | .52799 | .61086 | .53685 | .51638 |
| #1     | 4.7117 | 6.5348 | 2.6273 | 1.2720 | 1.1385 | 1.5718 | 2.8304 | 1.6064 |
| #2     | 4.7205 | 6.5241 | 2.6157 | 1.2722 | 1.1309 | 1.5634 | 2.8133 | 1.5939 |
| #3     | 4.7348 | 6.4842 | 2.6381 | 1.2735 | 1.1267 | 1.5528 | 2.8002 | 1.5908 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | .72611 | .19440 | .59306 | .11613 | .78793 | 1.6863 | .16350 | 1.9415 |
| Stddev | .00222 | .00094 | .00327 | .00049 | .00465 | .0123  | .00032 | .0045  |
| %RSD   | .30641 | .48250 | .55154 | .42411 | .58971 | .72995 | .19797 | .23118 |
| #1     | .72403 | .19422 | .59671 | .11557 | .79033 | 1.6954 | .16313 | 1.9450 |
| #2     | .72584 | .19356 | .59038 | .11637 | .79088 | 1.6913 | .16370 | 1.9365 |
| #3     | .72846 | .19541 | .59209 | .11646 | .78257 | 1.6723 | .16368 | 1.9431 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 1.8200 | .11202 | 4.0160 | .36067 | .84930 | 24.722 | 2.3414 |        |
| Stddev | .0046  | .00043 | .0118  | .00149 | .00379 | .145   | .0134  |        |
| %RSD   | .25197 | .37988 | .29386 | .41356 | .44575 | .58826 | .57360 |        |
| #1     | 1.8177 | .11153 | 4.0189 | .35921 | .85168 | 24.887 | 2.3561 |        |
| #2     | 1.8170 | .11226 | 4.0030 | .36061 | .85128 | 24.665 | 2.3385 |        |
| #3     | 1.8253 | .11228 | 4.0260 | .36220 | .84493 | 24.613 | 2.3297 |        |

Sample Name: S3      Acquired: 12/12/2024 15:29:01      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S03      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       | 2196.1 | 22680. | 2660.5 | 1558.0 | 2726.8 |
| Stddev    | 8.4    | 101.   | 17.5   | 8.2    | 8.2    |
| %RSD      | .38461 | .44443 | .65854 | .52562 | .30235 |
| #1        | 2194.3 | 22566. | 2640.8 | 1549.9 | 2729.0 |
| #2        | 2205.3 | 22714. | 2666.4 | 1557.8 | 2733.7 |
| #3        | 2188.8 | 22759. | 2674.4 | 1566.2 | 2717.7 |



Sample Name: S4      Acquired: 12/12/2024 15:32:48      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      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    | 946.83 | .51901 | 5.8150 | .34131 | .88489 | 14.329 | 38.315 | 5.0518 |
| Stddev | 1.19   | .00179 | .0193  | .00092 | .00251 | .104   | .261   | .0578  |
| %RSD   | .12551 | .34527 | .33282 | .27025 | .28381 | .72459 | .68003 | 1.1444 |
| #1     | 945.57 | .51853 | 5.8076 | .34049 | .88389 | 14.429 | 38.531 | 5.1035 |
| #2     | 947.01 | .51751 | 5.8004 | .34112 | .88303 | 14.222 | 38.026 | 4.9893 |
| #3     | 947.92 | .52100 | 5.8369 | .34231 | .88775 | 14.336 | 38.389 | 5.0625 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 9.5293 | 12.936 | 5.1647 | 2.5321 | 2.2533 | 3.1248 | 5.6097 | 3.1948 |
| Stddev | .0297  | .063   | .0158  | .0078  | .0074  | .0226  | .0272  | .0207  |
| %RSD   | .31169 | .48810 | .30499 | .30667 | .33028 | .72463 | .48439 | .64720 |
| #1     | 9.5210 | 12.996 | 5.1557 | 2.5314 | 2.2607 | 3.1482 | 5.6355 | 3.2132 |
| #2     | 9.5047 | 12.870 | 5.1829 | 2.5247 | 2.2458 | 3.1031 | 5.5813 | 3.1724 |
| #3     | 9.5623 | 12.942 | 5.1554 | 2.5402 | 2.2533 | 3.1230 | 5.6122 | 3.1986 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 1.4615 | .38926 | 1.1809 | .23257 | 1.6518 | 3.2720 | .34193 | 3.8399 |
| Stddev | .0054  | .00179 | .0065  | .00183 | .0149  | .0246  | .00058 | .0325  |
| %RSD   | .36642 | .45878 | .55397 | .78793 | .90385 | .75324 | .17081 | .84669 |
| #1     | 1.4603 | .38826 | 1.1872 | .23410 | 1.6408 | 3.2911 | .34177 | 3.8736 |
| #2     | 1.4569 | .39132 | 1.1741 | .23306 | 1.6688 | 3.2442 | .34144 | 3.8087 |
| #3     | 1.4674 | .38820 | 1.1814 | .23054 | 1.6458 | 3.2809 | .34257 | 3.8375 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 3.7583 | .23336 | 7.9283 | .73278 | 1.7218 | 49.833 | 4.6166 |  |
| Stddev | .0134  | .00156 | .0709  | .00221 | .0119  | .266   | .0184  |  |
| %RSD   | .35528 | .67016 | .89372 | .30207 | .69197 | .53313 | .39771 |  |
| #1     | 3.7554 | .23199 | 8.0064 | .73160 | 1.7341 | 50.072 | 4.6305 |  |
| #2     | 3.7466 | .23301 | 7.8681 | .73141 | 1.7103 | 49.547 | 4.5958 |  |
| #3     | 3.7728 | .23506 | 7.9103 | .73534 | 1.7210 | 49.881 | 4.6235 |  |

Sample Name: S4      Acquired: 12/12/2024 15:32:48      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S04      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       | 2072.3 | 22316. | 2640.2 | 1467.8 | 2601.6 |
| Stddev    | 6.7    | 72.    | 35.8   | 1.6    | 7.4    |
| %RSD      | .32280 | .32151 | 1.3543 | .10843 | .28380 |
| #1        | 2074.4 | 22246. | 2605.5 | 1466.5 | 2604.3 |
| #2        | 2077.6 | 22389. | 2676.9 | 1467.4 | 2607.3 |
| #3        | 2064.8 | 22313. | 2638.1 | 1469.6 | 2593.3 |

Sample Name: S5      Acquired: 12/12/2024 15:36:33      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      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    | 1776.9 | .99708 | 11.442 | .71269 | 1.8903 | 28.627 | 75.211 | 9.9510 |
| Stddev | 4.2    | .00050 | .006   | .00126 | .0026  | .009   | .282   | .0290  |
| %RSD   | .23435 | .05021 | .05446 | .17620 | .13642 | .02974 | .37439 | .29093 |
| #1     | 1779.4 | .99657 | 11.435 | .71376 | 1.8921 | 28.620 | 74.903 | 9.9270 |
| #2     | 1772.1 | .99710 | 11.447 | .71131 | 1.8874 | 28.637 | 75.274 | 9.9429 |
| #3     | 1779.2 | .99757 | 11.444 | .71301 | 1.8916 | 28.625 | 75.455 | 9.9832 |
| Elem   | Cd2144 | Ca3736 | Cr2677 | Co2286 | Cu3247 | Fe2598 | Mn2576 | Mg2790 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 18.530 | 25.246 | 9.8987 | 4.9408 | 4.4235 | 6.0720 | 10.889 | 6.2567 |
| Stddev | .013   | .060   | .0702  | .0035  | .0080  | .0056  | .011   | .0052  |
| %RSD   | .07167 | .23706 | .70959 | .07173 | .17984 | .09196 | .09841 | .08284 |
| #1     | 18.522 | 25.315 | 9.9647 | 4.9391 | 4.4320 | 6.0759 | 10.890 | 6.2574 |
| #2     | 18.545 | 25.214 | 9.9065 | 4.9448 | 4.4223 | 6.0745 | 10.900 | 6.2615 |
| #3     | 18.522 | 25.209 | 9.8249 | 4.9383 | 4.4163 | 6.0656 | 10.878 | 6.2512 |
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.8565 | .77622 | 2.3103 | .45645 | 3.5595 | 6.4042 | .68550 | 7.4317 |
| Stddev | .0027  | .00311 | .0030  | .00221 | .0102  | .0070  | .00031 | .0362  |
| %RSD   | .09284 | .40099 | .12878 | .48446 | .28635 | .10933 | .04593 | .48783 |
| #1     | 2.8540 | .77881 | 2.3132 | .45900 | 3.5497 | 6.3974 | .68565 | 7.4293 |
| #2     | 2.8593 | .77277 | 2.3106 | .45532 | 3.5588 | 6.4114 | .68571 | 7.3966 |
| #3     | 2.8564 | .77707 | 2.3072 | .45503 | 3.5700 | 6.4036 | .68513 | 7.4690 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Sr4077 | Li6707 |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |        |
| Avg    | 7.9232 | .46761 | 15.414 | 1.4358 | 3.3739 | 98.012 | 9.1582 |        |
| Stddev | .0038  | .00078 | .054   | .0011  | .0020  | .141   | .0247  |        |
| %RSD   | .04830 | .16593 | .34958 | .07732 | .05928 | .14427 | .26981 |        |
| #1     | 7.9206 | .46715 | 15.425 | 1.4349 | 3.3759 | 98.114 | 9.1769 |        |
| #2     | 7.9276 | .46718 | 15.356 | 1.4355 | 3.3719 | 97.851 | 9.1675 |        |
| #3     | 7.9215 | .46851 | 15.462 | 1.4370 | 3.3739 | 98.072 | 9.1302 |        |

Sample Name: S5      Acquired: 12/12/2024 15:36:33      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S05      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       | 1823.5 | 21512. | 2562.6 | 1278.7 | 2427.9 |
| Stddev    | 4.0    | 46.    | 1.3    | 3.7    | 5.8    |
| %RSD      | .21684 | .21212 | .04905 | .28694 | .24060 |
| #1        | 1825.8 | 21484. | 2564.0 | 1282.1 | 2431.2 |
| #2        | 1819.0 | 21486. | 2561.8 | 1279.1 | 2421.2 |
| #3        | 1825.9 | 21564. | 2561.9 | 1274.8 | 2431.3 |

Sample Name: S6      Acquired: 12/12/2024 15:40:40      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: IR      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: S06      Custom ID2:      Custom ID3:  
Comment:

|           |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|
| Elem      | Al3961 | Ca3736 | Fe2598 | Mg2790 | Na8183 |
| Units     | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg       | 75.174 | 40.716 | 15.777 | 9.4452 | 6.2416 |
| Stddev    | .300   | .184   | .107   | .0611  | .0407  |
| %RSD      | .39939 | .45240 | .68127 | .64733 | .65270 |
| #1        | 75.104 | 40.660 | 15.823 | 9.4703 | 6.2466 |
| #2        | 74.916 | 40.567 | 15.654 | 9.3756 | 6.1986 |
| #3        | 75.504 | 40.922 | 15.854 | 9.4899 | 6.2796 |
| Int. Std. | Y_3710 |        |        |        |        |
| Units     | Cts/S  |        |        |        |        |
| Avg       | 2525.0 |        |        |        |        |
| Stddev    | 13.0   |        |        |        |        |
| %RSD      | .51453 |        |        |        |        |
| #1        | 2515.0 |        |        |        |        |
| #2        | 2539.7 |        |        |        |        |
| #3        | 2520.2 |        |        |        |        |

Sample Name: ICV001      Acquired: 12/12/2024 15:44:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 1.022459 | .9777714 | .9683595 | .9127255 | .9000055   | 2.395529   |
| Stddev | .001425  | .0042616 | .0018315 | .0089246 | .0048590   | .037295    |
| %RSD   | .1393886 | .4358441 | .1891345 | .9777981 | .5398809   | 1.556874   |
| #1     | 1.021872 | .9759231 | .9690998 | .9121821 | .8974394   | 2.362913   |
| #2     | 1.021422 | .9747461 | .9662737 | .9040850 | .8969676   | 2.436190   |
| #3     | 1.024084 | .9826451 | .9697050 | .9219094 | .9056095   | 2.387482   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5138545 | .5341669 | .4767402 | 10.22143 | .5636698   | .5071215   |
| Stddev | .0014657 | .0037444 | .0014179 | .09032   | .0028645   | .0019172   |
| %RSD   | .2852331 | .7009746 | .2974089 | .8836818 | .5081844   | .3780472   |
| #1     | .5143344 | .5302568 | .4762248 | 10.12746 | .5630841   | .5067844   |
| #2     | .5150200 | .5377199 | .4756521 | 10.22922 | .5611434   | .5053953   |
| #3     | .5122090 | .5345240 | .4783437 | 10.30761 | .5667819   | .5091849   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5022442 | 10.51743 | .5283189 | 6.092619 | .5099110   | .2500102   |
| Stddev | .0098038 | .02931   | .0007752 | .033300  | .0007269   | .0010923   |
| %RSD   | 1.951991 | .2786901 | .1467223 | .5465583 | .1425568   | .4369043   |
| #1     | .4928452 | 10.54843 | .5285630 | 6.058039 | .5095791   | .2493969   |
| #2     | .5124079 | 10.51369 | .5289426 | 6.095349 | .5094093   | .2493624   |
| #3     | .5014794 | 10.49016 | .5274511 | 6.124470 | .5107447   | .2512713   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.15486 | .5132737 | 1.023688 | 9.014825 | F .0007922 | F .0023175 |
| Stddev | .39551   | .0005977 | .010038  | .150269  | .0017828   | .0010902   |
| %RSD   | 3.894747 | .1164380 | .9805767 | 1.666908 | 225.0505   | 47.03974   |
| #1     | 10.12874 | .5137415 | 1.032634 | 8.943171 | .0026891   | .0035048   |
| #2     | 9.77307  | .5126004 | 1.025598 | 8.913793 | -.000849   | .0020862   |
| #3     | 10.56278 | .5134792 | 1.012832 | 9.187509 | .000536    | .0013616   |

Sample Name: ICV001      Acquired: 12/12/2024 15:44:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV001      Custom ID2:      Custom ID3:  
Comment:

|           |            |            |            |            |            |            |
|-----------|------------|------------|------------|------------|------------|------------|
| Elem      | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units     | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg       | F -.000279 | F .0068506 | F .0020105 | F .0003616 | F .0013365 | F -.009217 |
| Stddev    | .000123    | .0036184   | .0006687   | .0007263   | .0039618   | .000251    |
| %RSD      | 44.24540   | 52.81937   | 33.25871   | 200.8745   | 296.4375   | 2.718451   |
| #1        | -.000255   | .0035690   | .0012498   | .0011984   | .0059102   | -.009245   |
| #2        | -.000169   | .0107311   | .0025052   | -.000009   | -.001035   | -.009452   |
| #3        | -.000412   | .0062516   | .0022767   | -.000104   | -.000866   | -.008953   |
| Elem      | Li6707     |            |            |            |            |            |
| Units     | ppm        |            |            |            |            |            |
| Avg       | F .0005729 |            |            |            |            |            |
| Stddev    | .0008164   |            |            |            |            |            |
| %RSD      | 142.5014   |            |            |            |            |            |
| #1        | -.000354   |            |            |            |            |            |
| #2        | .000888    |            |            |            |            |            |
| #3        | .001184    |            |            |            |            |            |
| Int. Std. | Y_2243     | Y_3600     | Y_3710     | Y_2243     | In2306     |            |
| Units     | Cts/S      | Cts/S      | Cts/S      | Cts/S      | Cts/S      |            |
| Avg       | 2391.009   | 23476.23   | 2653.306   | 1690.595   | 3091.267   |            |
| Stddev    | 5.922      | 56.38      | 16.809     | 5.450      | 6.394      |            |
| %RSD      | .2476620   | .2401615   | .6335261   | .3223675   | .2068377   |            |
| #1        | 2396.535   | 23412.37   | 2670.197   | 1685.676   | 3096.441   |            |
| #2        | 2391.734   | 23497.20   | 2636.580   | 1689.656   | 3093.241   |            |
| #3        | 2384.758   | 23519.12   | 2653.142   | 1696.454   | 3084.119   |            |

Sample Name: ICB001      Acquired: 12/12/2024 15:48:48      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ICB001      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000087 | -.001258 | .0003525 | -.004359 | -.000171 | -.008840 | -.000528 |
| Stddev | .002457  | .000457  | .0025968 | .002997  | .000774  | .025143  | .000446  |
| %RSD   | 2822.084 | 36.32525 | 736.7026 | 68.74525 | 453.0680 | 284.4319 | 84.56335 |
| #1     | -.000929 | -.001692 | .0000954 | -.001370 | .000163  | -.017754 | -.000183 |
| #2     | -.002012 | -.000781 | .0030683 | -.004344 | -.001056 | -.028312 | -.000368 |
| #3     | .002680  | -.001302 | -.002106 | -.007364 | .000380  | .019546  | -.001032 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000285 | -.000075 | .0024638 | -.000547 | -.000078 | .0005209 | -.015204 |
| Stddev | .0000486 | .000027  | .0208019 | .000734  | .000279  | .0068282 | .023056  |
| %RSD   | 170.4599 | 36.50043 | 844.3065 | 134.1305 | 356.0522 | 1310.935 | 151.6448 |
| #1     | -.000017 | -.000065 | .0023293 | -.000260 | -.000386 | -.001380 | -.034939 |
| #2     | .000079  | -.000053 | -.018271 | .000000  | .000157  | .008098  | -.020811 |
| #3     | .000024  | -.000105 | .023333  | -.001381 | -.000006 | -.005155 | .010138  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001371 | .0357953 | -.000404 | .0004590 | .4962145 | -.004488 | .0016740 |
| Stddev | .001674  | .0867115 | .000073  | .0007515 | .1470442 | .004529  | .0041048 |
| %RSD   | 122.0695 | 242.2429 | 18.08128 | 163.7216 | 29.63318 | 100.9277 | 245.2038 |
| #1     | -.003256 | .0406885 | -.000340 | -.000404 | .3783543 | .000742  | -.000959 |
| #2     | -.000059 | .1199565 | -.000389 | .000811  | .6609922 | -.007112 | -.000422 |
| #3     | -.000799 | -.053259 | -.000483 | .000970  | .4492971 | -.007093 | .006404  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2870839 | -.002368 | -.006257 | -.000367 | -.003798 | .0001819 | -.000972 |
| Stddev | .0482342 | .001268  | .001104  | .000361  | .001862  | .0010641 | .001472  |
| %RSD   | 16.80141 | 53.54237 | 17.63949 | 98.31836 | 49.04198 | 584.8930 | 151.4515 |
| #1     | .2362746 | -.001009 | -.006164 | -.000061 | -.005945 | -.000210 | -.000012 |
| #2     | .2927314 | -.002575 | -.007404 | -.000765 | -.002823 | .001386  | -.000237 |
| #3     | .3322458 | -.003519 | -.005203 | -.000275 | -.002625 | -.000631 | -.002666 |



Sample Name: ICB001      Acquired: 12/12/2024 15:48:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0015326 | .0000154 | .0034994 |
| Stddev | .0016687 | .0001368 | .0024268 |
| %RSD   | 108.8840 | 887.4064 | 69.34919 |
| #1     | -.000368 | -.000135 | .0009505 |
| #2     | .002206  | .000050  | .0037654 |
| #3     | .002760  | .000132  | .0057822 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2396.458 | 23500.52 | 2656.884 | 1703.562 | 3130.441 |
| Stddev    | 1.743    | 71.54    | 3.951    | 5.912    | 5.179    |
| %RSD      | .0727141 | .3044261 | .1487123 | .3470596 | .1654372 |
| #1        | 2394.600 | 23417.92 | 2652.331 | 1706.186 | 3125.030 |
| #2        | 2396.718 | 23540.61 | 2659.416 | 1707.709 | 3130.941 |
| #3        | 2398.056 | 23543.03 | 2658.904 | 1696.792 | 3135.351 |

Sample Name: ICSA001      Acquired: 12/12/2024 15:52:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0043288 | .0137654 | .0037341 | -.025701 | -.005025 | 242.6606 |
| Stddev | .0031228 | .0018119 | .0005512 | .001761  | .001715  | .3065    |
| %RSD   | 72.14090 | 13.16301 | 14.76110 | 6.850319 | 34.13155 | .1262956 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0064312 | .0116890 | .0038285 | -.024675 | -.003441 | 242.3116 |
| #2 | .0058146 | .0150263 | .0031418 | -.027734 | -.004788 | 242.8857 |
| #3 | .0007405 | .0145809 | .0042320 | -.024694 | -.006846 | 242.7845 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0065698 | .0015294 | .0006434 | 248.6132 | .0518473 | .0310629 |
| Stddev | .0007344 | .0000219 | .0000761 | .6303    | .0011830 | .0004854 |
| %RSD   | 11.17905 | 1.432879 | 11.82601 | .2535294 | 2.281600 | 1.562608 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0073611 | .0015065 | .0006352 | 248.0122 | .0505876 | .0306537 |
| #2 | .0059100 | .0015316 | .0007233 | 249.2693 | .0520198 | .0315992 |
| #3 | .0064382 | .0015502 | .0005717 | 248.5583 | .0529345 | .0309359 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.006716 | 102.8240 | .0070380 | 254.6702 | .0068788 | .0021985 |
| Stddev | .004871  | .2430    | .0007407 | .2163    | .0008226 | .0008040 |
| %RSD   | 72.52672 | .2363151 | 10.52437 | .0849164 | 11.95890 | 36.56963 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.012108 | 103.0793 | .0075150 | 254.6221 | .0074094 | .0017345 |
| #2 | -.002634 | 102.7971 | .0074143 | 254.9065 | .0072958 | .0031269 |
| #3 | -.005407 | 102.5956 | .0061847 | 254.4821 | .0059311 | .0017342 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .2829419 | .0084718 | -.028984 | -.785323 | -.001997 | F .0151687 |
| Stddev | .4672251 | .0047385 | .004929  | .051528  | .001300  | .0013965   |
| %RSD   | 165.1311 | 55.93279 | 17.00445 | 6.561324 | 65.11151 | 9.206471   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1796054 | .0104701 | -.034280 | -.766246 | -.003027 | .0167806 |
| #2 | .7931845 | .0030615 | -.028142 | -.746055 | -.000536 | .0143230 |
| #3 | -.123964 | .0118839 | -.024531 | -.843669 | -.002428 | .0144026 |

Sample Name: ICSA001      Acquired: 12/12/2024 15:52:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0003161 | .0127279 | -.003369 | F .0097883 | -.003218 | .0035450 |
| Stddev | .0001541 | .0040415 | .000397  | .0007642   | .000693  | .0002147 |
| %RSD   | 48.73405 | 31.75338 | 11.77303 | 7.807631   | 21.52049 | 6.056252 |
| #1     | .0002999 | .0172382 | -.003827 | .0105699   | -.003409 | .0033848 |
| #2     | .0004776 | .0094348 | -.003143 | .0090426   | -.003795 | .0034613 |
| #3     | .0001708 | .0115108 | -.003137 | .0097525   | -.002450 | .0037889 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0123169 |
| Stddev | .0009920 |
| %RSD   | 8.054241 |
| #1     | .0112559 |
| #2     | .0124735 |
| #3     | .0132213 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2300.886 | 22669.00 | 2654.163 | 1657.070 | 2752.378 |
| Stddev    | 10.695   | 71.27    | 22.997   | 9.819    | 15.504   |
| %RSD      | .4648016 | .3143835 | .8664474 | .5925441 | .5632782 |
| #1        | 2293.002 | 22732.13 | 2680.590 | 1668.203 | 2743.432 |
| #2        | 2296.596 | 22591.72 | 2638.698 | 1649.645 | 2743.421 |
| #3        | 2313.059 | 22683.16 | 2643.200 | 1653.363 | 2770.280 |

Sample Name: ICSAB001      Acquired: 12/12/2024 15:56:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0963777 | .1091881 | .0493456 | .0179805 | .5280748 | 237.5557 |
| Stddev | .0032061 | .0015149 | .0031267 | .0050579 | .0010551 | .4574    |
| %RSD   | 3.326573 | 1.387401 | 6.336372 | 28.13006 | .1997961 | .1925301 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0931518 | .1095140 | .0525833 | .0163976 | .5286346 | 237.7158 |
| #2 | .0964179 | .1105134 | .0491106 | .0236405 | .5268578 | 237.9114 |
| #3 | .0995636 | .1075367 | .0463431 | .0139033 | .5287319 | 237.0398 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5166726 | .5236407 | .9586486 | 244.1884 | .6016183 | .5182858 |
| Stddev | .0022371 | .0021600 | .0015382 | .4874    | .0196419 | .0012286 |
| %RSD   | .4329871 | .4125020 | .1604546 | .1995824 | 3.264850 | .2370444 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5175382 | .5213404 | .9583921 | 244.7484 | .5810227 | .5174110 |
| #2 | .5183477 | .5239557 | .9602989 | 243.9567 | .6201424 | .5196903 |
| #3 | .5141320 | .5256258 | .9572548 | 243.8601 | .6036898 | .5177560 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4574239 | 100.9310 | .5134108 | 248.6206 | .9965290 | .1882657 |
| Stddev | .0086910 | .1139    | .0040021 | .8229    | .0007449 | .0053555 |
| %RSD   | 1.899990 | .1128622 | .7795187 | .3310052 | .0747530 | 2.844625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4601044 | 101.0586 | .5153536 | 249.2895 | .9973555 | .1823262 |
| #2 | .4644590 | 100.8947 | .5160707 | 248.8707 | .9963220 | .1927264 |
| #3 | .4477084 | 100.8396 | .5088082 | 247.7016 | .9959094 | .1897444 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .4663279 | .5103933 | .8689583 | -1.81300 | .0042098 | F .0117669 |
| Stddev | .9129318 | .0026028 | .0273800 | .21472   | .0008233 | .0005240   |
| %RSD   | 195.7704 | .5099599 | 3.150899 | 11.84355 | 19.55652 | 4.453105   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.009711 | .5125564 | .8381088 | -1.93595 | .0050318 | .0118272 |
| #2 | 1.518893 | .5111188 | .8903743 | -1.56506 | .0042122 | .0112154 |
| #3 | -.110198 | .5075047 | .8783916 | -1.93800 | .0033853 | .0122581 |

Sample Name: ICSAB001      Acquired: 12/12/2024 15:56:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0010180 | .0140013 | -.004287 | F .0096010 | -.005051 | .0031492 |
| Stddev | .0002152 | .0027227 | .001632  | .0015572   | .000306  | .0002108 |
| %RSD   | 21.13671 | 19.44587 | 38.06437 | 16.21941   | 6.055026 | 6.694115 |
| #1     | .0008176 | .0166735 | -.003107 | .0090166   | -.004734 | .0033443 |
| #2     | .0012454 | .0112309 | -.003604 | .0084205   | -.005074 | .0029256 |
| #3     | .0009908 | .0140996 | -.006149 | .0113659   | -.005345 | .0031777 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0041339 |
| Stddev | .0008590 |
| %RSD   | 20.77848 |
| #1     | .0034132 |
| #2     | .0039041 |
| #3     | .0050844 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2286.993 | 22411.42 | 2702.408 | 1633.717 | 2754.322 |
| Stddev    | 5.893    | 570.04   | 13.181   | 38.951   | 6.273    |
| %RSD      | .2576681 | 2.543517 | .4877476 | 2.384224 | .2277515 |
| #1        | 2293.388 | 23048.75 | 2707.040 | 1675.309 | 2761.389 |
| #2        | 2285.811 | 21950.28 | 2712.647 | 1598.095 | 2749.414 |
| #3        | 2281.781 | 22235.22 | 2687.536 | 1627.748 | 2752.162 |

Sample Name: CCV001      Acquired: 12/12/2024 16:12:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.821027 | 4.721634 | 24.27625 | 4.617736 | 4.705074 | 397.0047 | 9.910286 |
| Stddev | .008462  | .017558  | .07693   | .005430  | .012732  | .9550    | .016826  |
| %RSD   | .1755180 | .3718703 | .3168740 | .1175990 | .2706059 | .2405523 | .1697801 |
| #1     | 4.811664 | 4.734194 | 24.30187 | 4.615950 | 4.715087 | 395.9328 | 9.891055 |
| #2     | 4.828127 | 4.729138 | 24.33710 | 4.623834 | 4.709390 | 397.7651 | 9.922296 |
| #3     | 4.823290 | 4.701571 | 24.18979 | 4.613423 | 4.690745 | 397.3160 | 9.917507 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5060957 | 2.405386 | 398.9327 | 15.12814 | 2.441773 | 14.76625 | 403.9649 |
| Stddev | .0039304 | .007034  | .5983    | .03257   | .009167  | .01282   | 1.4153   |
| %RSD   | .7766122 | .2924393 | .1499740 | .2153099 | .3754084 | .0868360 | .3503467 |
| #1     | .5018457 | 2.408650 | 398.3903 | 15.09595 | 2.447217 | 14.76692 | 402.5078 |
| #2     | .5068419 | 2.410195 | 398.8334 | 15.12737 | 2.446913 | 14.75311 | 404.0526 |
| #3     | .5095996 | 2.397313 | 399.5745 | 15.16108 | 2.431190 | 14.77873 | 405.3343 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.71086 | 394.7023 | 2.461564 | 1.235178 | 394.9993 | 2.468088 | 13.86192 |
| Stddev | .02885   | 1.0061   | .010394  | .005651  | .8760    | .008426  | .05272   |
| %RSD   | .1961260 | .2549099 | .4222476 | .4575052 | .2217822 | .3414004 | .3802894 |
| #1     | 14.68212 | 393.7123 | 2.468310 | 1.231493 | 396.0016 | 2.463815 | 13.89078 |
| #2     | 14.71061 | 395.7239 | 2.466787 | 1.232357 | 394.6166 | 2.462655 | 13.89392 |
| #3     | 14.73983 | 394.6708 | 2.449594 | 1.241684 | 394.3798 | 2.477795 | 13.80108 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 148.8227 | 4.876279 | 4.951034 | 4.691629 | 4.923176 | 4.819655 | 4.925424 |
| Stddev | .3978    | .010220  | .043443  | .016590  | .007498  | .042608  | .014776  |
| %RSD   | .2672676 | .2095847 | .8774553 | .3536151 | .1522918 | .8840503 | .2999942 |
| #1     | 148.3857 | 4.884275 | 4.905242 | 4.698564 | 4.929246 | 4.774896 | 4.934687 |
| #2     | 149.1636 | 4.879798 | 4.956194 | 4.703626 | 4.914795 | 4.824345 | 4.933201 |
| #3     | 148.9188 | 4.864765 | 4.991667 | 4.672696 | 4.925488 | 4.859725 | 4.908383 |

Sample Name: CCV001      Acquired: 12/12/2024 16:12:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.917628 | 4.693782 | 5.005496 |
| Stddev | .018815  | .009703  | .012163  |
| %RSD   | .3826089 | .2067209 | .2430001 |
| #1     | 4.898311 | 4.682920 | 4.993783 |
| #2     | 4.918676 | 4.696836 | 5.004642 |
| #3     | 4.935898 | 4.701591 | 5.018064 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2030.892 | 21980.75 | 2595.017 | 1455.499 | 2523.856 |
| Stddev    | 10.044   | 72.05    | 8.701    | 7.393    | 12.194   |
| %RSD      | .4945671 | .3277735 | .3352920 | .5079065 | .4831404 |
| #1        | 2021.319 | 21926.07 | 2604.818 | 1455.087 | 2512.496 |
| #2        | 2030.008 | 21953.79 | 2592.030 | 1448.321 | 2522.333 |
| #3        | 2041.349 | 22062.39 | 2588.203 | 1463.089 | 2536.740 |

Sample Name: CCB001      Acquired: 12/12/2024 16:16:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000345 | -.001507 | .0031052 | -.001222 | -.000242 | .0168536 | -.000133 |
| Stddev | .002337  | .001699  | .0005626 | .001106  | .001287  | .0268670 | .000660  |
| %RSD   | 677.8486 | 112.7366 | 18.11838 | 90.56690 | 531.7127 | 159.4145 | 494.9590 |
| #1     | .002346  | -.002203 | .0028295 | -.001307 | .000416  | .0074652 | -.000887 |
| #2     | -.001868 | -.002746 | .0037525 | -.000075 | -.001724 | -.004059 | .000346  |
| #3     | -.001513 | .000429  | .0027337 | -.002283 | .000583  | .047155  | .000140  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000520 | .0001162 | -.019977 | -.000444 | .0001092 | .0025801 | -.007727 |
| Stddev | .0001521 | .0001132 | .023519  | .000301  | .0005284 | .0061049 | .020022  |
| %RSD   | 292.8331 | 97.39066 | 117.7332 | 67.83686 | 483.9589 | 236.6178 | 259.1230 |
| #1     | -.000090 | .0002456 | -.020375 | -.000776 | .0000766 | .0084076 | .015040  |
| #2     | .000033  | .0000669 | -.043294 | -.000187 | .0006532 | .0031015 | -.015628 |
| #3     | .000213  | .0000360 | .003739  | -.000371 | -.000402 | -.003769 | -.022593 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000565 | .0344106 | -.000238 | .0008584 | .3736139 | .0072024 | .0022665 |
| Stddev | .001335  | .0061683 | .000074  | .0006173 | .2290843 | .0071959 | .0004497 |
| %RSD   | 236.4941 | 17.92560 | 31.23217 | 71.91088 | 61.31577 | 99.91099 | 19.84252 |
| #1     | .000557  | .0412675 | -.000152 | .0003458 | .2123434 | .0050603 | .0027853 |
| #2     | -.002042 | .0293132 | -.000283 | .0015436 | .6358352 | .0013207 | .0020265 |
| #3     | -.000209 | .0326513 | -.000280 | .0006857 | .2726632 | .0152261 | .0019877 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2655518 | -.001170 | .0058562 | -.000256 | -.001492 | .0017439 | .0025886 |
| Stddev | .1468346 | .000260  | .0012997 | .000121  | .000962  | .0017087 | .0011634 |
| %RSD   | 55.29413 | 22.20158 | 22.19374 | 47.45061 | 64.46112 | 97.98195 | 44.94403 |
| #1     | .2246986 | -.001010 | .0046070 | -.000375 | -.000803 | .0000738 | .0027104 |
| #2     | .4284869 | -.001470 | .0072012 | -.000259 | -.001082 | .0034887 | .0013690 |
| #3     | .1434701 | -.001030 | .0057605 | -.000133 | -.002591 | .0016691 | .0036862 |



Sample Name: CCB001      Acquired: 12/12/2024 16:16:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB001      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000942 | .0000270 | .0024279 |
| Stddev | .003665  | .0001616 | .0032228 |
| %RSD   | 388.8737 | 599.0733 | 132.7405 |
| #1     | -.000562 | -.000037 | -.000379 |
| #2     | -.004783 | -.000093 | .005947  |
| #3     | .002517  | .000211  | .001715  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2417.253 | 23907.66 | 2659.751 | 1743.031 | 3168.419 |
| Stddev    | 1.947    | 36.87    | 22.228   | 1.658    | 3.919    |
| %RSD      | .0805418 | .1542056 | .8357117 | .0951466 | .1236930 |
| #1        | 2417.248 | 23876.40 | 2634.686 | 1741.305 | 3166.506 |
| #2        | 2415.308 | 23898.26 | 2667.501 | 1743.176 | 3165.824 |
| #3        | 2419.202 | 23948.32 | 2677.067 | 1744.612 | 3172.927 |

Sample Name: P5067-05      Acquired: 12/12/2024 16:20:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0181115 | .0248901 | .0973477 | -.053680 | -.010094 | 8.375249 |
| Stddev | .0010580 | .0035931 | .0018576 | .003731  | .000320  | .407595  |
| %RSD   | 5.841445 | 14.43595 | 1.908238 | 6.950807 | 3.165159 | 4.866666 |
| #1     | .0169004 | .0260779 | .0968076 | -.057839 | -.010401 | 8.194206 |
| #2     | .0185789 | .0277389 | .0958199 | -.052573 | -.010119 | 8.842004 |
| #3     | .0188553 | .0208535 | .0994155 | -.050627 | -.009763 | 8.089537 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.279106 | .0016085 | .0009055 | F 1782.879 | .0566245 | .0653315 |
| Stddev | .061421  | .0001192 | .0000240 | 62.383     | .0009577 | .0005505 |
| %RSD   | 4.801838 | 7.409308 | 2.654104 | 3.498977   | 1.691390 | .8426090 |
| #1     | 1.248618 | .0017432 | .0009033 | 1771.219   | .0570130 | .0654807 |
| #2     | 1.349806 | .0015653 | .0008827 | 1850.268   | .0555336 | .0657920 |
| #3     | 1.238894 | .0015168 | .0009306 | 1727.149   | .0573269 | .0647218 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0508296 | 42.10096 | 1.080707 | F 957.2523 | .0864305 | .0025521 |
| Stddev | .0037070 | 2.02169  | .054506  | 48.6245    | .0011138 | .0014740 |
| %RSD   | 7.293033 | 4.802008 | 5.043529 | 5.079586   | 1.288671 | 57.75726 |
| #1     | .0479702 | 41.06091 | 1.053655 | 932.2704   | .0874362 | .0034385 |
| #2     | .0495008 | 44.43094 | 1.143447 | 1013.289   | .0866219 | .0033672 |
| #3     | .0550179 | 40.81102 | 1.045018 | 926.197    | .0852334 | .0008505 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.375616 | .0516085 | .0777711 | -1.62432 | 1.004984 | .1107925 |
| Stddev | .490181  | .0093782 | .0036621 | .28100   | .002897  | .0057050 |
| %RSD   | 35.63357 | 18.17176 | 4.708819 | 17.29959 | .2882357 | 5.149254 |
| #1     | 1.278331 | .0564063 | .0739109 | -1.78132 | 1.004281 | .1075520 |
| #2     | .941372  | .0408021 | .0811963 | -1.29990 | 1.008167 | .1173797 |
| #3     | 1.907144 | .0576172 | .0782061 | -1.79173 | 1.002503 | .1074457 |

Sample Name: P5067-05      Acquired: 12/12/2024 16:20:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M4      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0069477 | 16.97236 | 2.444975 | .0162217 | .1116383 | 28.52468 |
| Stddev    | .0009551 | .09154   | .088311  | .0014222 | .0045420 | .82170   |
| %RSD      | 13.74658 | .5393638 | 3.611945 | 8.767035 | 4.068463 | 2.880669 |
| #1        | .0071776 | 17.03020 | 2.413394 | .0176839 | .1075871 | 28.17557 |
| #2        | .0058987 | 17.02005 | 2.544734 | .0148432 | .1165484 | 29.46329 |
| #3        | .0077669 | 16.86681 | 2.376795 | .0161381 | .1107795 | 27.93518 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0866163 |          |          |          |          |          |
| Stddev    | .0051380 |          |          |          |          |          |
| %RSD      | 5.931961 |          |          |          |          |          |
| #1        | .0835476 |          |          |          |          |          |
| #2        | .0925480 |          |          |          |          |          |
| #3        | .0837533 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2101.312 | 21612.81 | 2525.863 | 1516.430 | 2350.226 |          |
| Stddev    | 5.926    | 232.35   | 90.871   | 15.231   | 4.762    |          |
| %RSD      | .2820290 | 1.075051 | 3.597638 | 1.004372 | .2026325 |          |
| #1        | 2105.980 | 21730.53 | 2564.204 | 1511.343 | 2354.294 |          |
| #2        | 2094.644 | 21762.74 | 2422.105 | 1533.553 | 2344.988 |          |
| #3        | 2103.311 | 21345.16 | 2591.281 | 1504.394 | 2351.396 |          |

Sample Name: P5067-06      Acquired: 12/12/2024 16:24:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0047530 | .0166679 | .0589935 | -.030040 | -.002389 | 4.385940 | .7077288 |
| Stddev | .0015696 | .0010888 | .0005552 | .002153  | .001398  | .008132  | .0056868 |
| %RSD   | 33.02258 | 6.532291 | .9411868 | 7.167203 | 58.52102 | .1854067 | .8035286 |
| #1     | .0055204 | .0175396 | .0593653 | -.028070 | -.003885 | 4.378394 | .7046450 |
| #2     | .0029474 | .0154475 | .0583553 | -.029712 | -.001115 | 4.384874 | .7042500 |
| #3     | .0057911 | .0170167 | .0592601 | -.032339 | -.002167 | 4.394553 | .7142913 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006384 | .0004708 | 244.0775 | .0296350 | .0342338 | .0389310 | 17.74499 |
| Stddev | .0000360 | .0001047 | 1.9590   | .0002904 | .0004029 | .0059581 | .05424   |
| %RSD   | 5.641311 | 22.23427 | .8026219 | .9799528 | 1.176906 | 15.30433 | .3056440 |
| #1     | .0006787 | .0003510 | 242.9482 | .0299701 | .0346976 | .0371001 | 17.70883 |
| #2     | .0006272 | .0005169 | 242.9448 | .0294790 | .0339708 | .0455898 | 17.71878 |
| #3     | .0006093 | .0005446 | 246.3396 | .0294559 | .0340329 | .0341032 | 17.80735 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3001000 | 127.0878 | .0182515 | .0017273 | .4431627 | .0287731 | .0849790 |
| Stddev | .0030501 | .5423    | .0008743 | .0006750 | .3594314 | .0066650 | .0033259 |
| %RSD   | 1.016353 | .4267059 | 4.790001 | 39.07632 | 81.10596 | 23.16393 | 3.913856 |
| #1     | .2983274 | 126.7581 | .0191655 | .0013225 | .5296068 | .0285289 | .0839558 |
| #2     | .2983506 | 126.7916 | .0181656 | .0013530 | .0483920 | .0222336 | .0886963 |
| #3     | .3036219 | 127.7137 | .0174234 | .0025065 | .7514894 | .0355568 | .0822848 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -3.95111 | .2843853 | .0041560 | .0023777 | 5.407553 | 1.398202 | .0098029 |
| Stddev | .06156   | .0027078 | .0023918 | .0001856 | .008978  | .004869  | .0020572 |
| %RSD   | 1.558140 | .9521770 | 57.55153 | 7.803629 | .1660304 | .3482448 | 20.98547 |
| #1     | -3.94355 | .2816784 | .0069136 | .0023759 | 5.398420 | 1.403646 | .0117611 |
| #2     | -4.01610 | .2870941 | .0029094 | .0021931 | 5.407871 | 1.394263 | .0099884 |
| #3     | -3.89367 | .2843836 | .0026450 | .0025641 | 5.416368 | 1.396696 | .0076593 |

Sample Name: P5067-06      Acquired: 12/12/2024 16:24:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1222653 | 13.33932 | .0075693 |
| Stddev | .0030801 | .05748   | .0054778 |
| %RSD   | 2.519222 | .4308807 | 72.36783 |
| #1     | .1217520 | 13.37834 | .0130921 |
| #2     | .1194740 | 13.36631 | .0074782 |
| #3     | .1255698 | 13.27332 | .0021377 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2359.237 | 23652.48 | 2674.270 | 1684.740 | 2881.139 |
| Stddev    | 3.755    | 108.07   | 9.687    | 4.101    | 4.618    |
| %RSD      | .1591485 | .4568923 | .3622129 | .2434436 | .1602683 |
| #1        | 2363.573 | 23716.70 | 2676.501 | 1687.862 | 2885.358 |
| #2        | 2357.109 | 23527.72 | 2682.647 | 1680.095 | 2876.206 |
| #3        | 2357.031 | 23713.03 | 2663.663 | 1686.264 | 2881.853 |

Sample Name: P5067-07      Acquired: 12/12/2024 16:28:33      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28M6      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0095943 | .0194466 | .0499770 | -.037958 | -.005369 | 8.806664 | 1.194434 |
| Stddev | .0006603 | .0014691 | .0028967 | .008055  | .001347  | .047095  | .007725  |
| %RSD   | 6.882219 | 7.554622 | 5.796127 | 21.22210 | 25.07975 | .5347648 | .6467721 |
| #1     | .0099176 | .0207453 | .0467510 | -.037092 | -.004894 | 8.827886 | 1.194686 |
| #2     | .0088347 | .0178521 | .0508247 | -.046411 | -.006889 | 8.752692 | 1.186586 |
| #3     | .0100307 | .0197425 | .0523553 | -.030370 | -.004325 | 8.839413 | 1.202030 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010817 | .0007289 | 727.1791 | .0879281 | .0478184 | .0399749 | 32.78023 |
| Stddev | .0001103 | .0000925 | 1.9515   | .0007219 | .0005507 | .0042785 | .32011   |
| %RSD   | 10.19214 | 12.69483 | .2683618 | .8210556 | 1.151658 | 10.70288 | .9765210 |
| #1     | .0010270 | .0006973 | 728.0313 | .0872724 | .0472085 | .0439640 | 32.95399 |
| #2     | .0010095 | .0006563 | 724.9465 | .0878101 | .0482792 | .0405044 | 32.41082 |
| #3     | .0012086 | .0008331 | 728.5595 | .0887018 | .0479675 | .0354563 | 32.97589 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6727585 | 391.0590 | .0507517 | .0010965 | .3885599 | .0474888 | .0744411 |
| Stddev | .0025388 | 2.9071   | .0011547 | .0006673 | .2572775 | .0104577 | .0066266 |
| %RSD   | .3773686 | .7433863 | 2.275123 | 60.85833 | 66.21310 | 22.02144 | 8.901737 |
| #1     | .6734955 | 392.6213 | .0520447 | .0016070 | .6497162 | .0592041 | .0820899 |
| #2     | .6699328 | 387.7048 | .0503869 | .0013410 | .1353450 | .0441659 | .0707963 |
| #3     | .6748473 | 392.8508 | .0498235 | .0003414 | .3806184 | .0390962 | .0704370 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -3.52726 | .6975567 | .0170219 | .0050871 | 12.85300 | 2.089499 | .0121626 |
| Stddev | .21707   | .0022303 | .0007955 | .0002682 | .03162   | .010603  | .0013935 |
| %RSD   | 6.153924 | .3197370 | 4.673189 | 5.272884 | .2460474 | .5074601 | 11.45699 |
| #1     | -3.67852 | .6973190 | .0177436 | .0051762 | 12.82274 | 2.080740 | .0132160 |
| #2     | -3.62473 | .6954547 | .0161690 | .0052995 | 12.85043 | 2.086469 | .0126892 |
| #3     | -3.27855 | .6998963 | .0171531 | .0047857 | 12.88583 | 2.101287 | .0105826 |

Sample Name: P5067-07      Acquired: 12/12/2024 16:28:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2210083 | 30.54405 | .0319839 |
| Stddev | .0021587 | .15017   | .0030291 |
| %RSD   | .9767463 | .4916475 | 9.470808 |
| #1     | .2225742 | 30.48348 | .0314630 |
| #2     | .2185458 | 30.43363 | .0292490 |
| #3     | .2219049 | 30.71505 | .0352397 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2283.706 | 23162.37 | 2713.278 | 1640.251 | 2606.762 |
| Stddev    | 5.716    | 122.36   | 6.050    | 16.130   | 8.890    |
| %RSD      | .2503059 | .5282617 | .2229631 | .9833865 | .3410295 |
| #1        | 2279.225 | 23271.02 | 2707.187 | 1652.432 | 2599.237 |
| #2        | 2290.143 | 23029.83 | 2719.286 | 1621.958 | 2616.571 |
| #3        | 2281.748 | 23186.26 | 2713.361 | 1646.362 | 2604.479 |

Sample Name: P5067-08      Acquired: 12/12/2024 16:32:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0652038 | .0146206 | .0857145 | -.040281   | -.009752 | 44.90048 |
| Stddev | .0058274 | .0032023 | .0010836 | .003563    | .002223  | 1.40418  |
| %RSD   | 8.937282 | 21.90258 | 1.264154 | 8.846633   | 22.80014 | 3.127319 |
| #1     | .0621726 | .0166503 | .0869449 | -.036176   | -.007188 | 45.79901 |
| #2     | .0615166 | .0162824 | .0849026 | -.042587   | -.011156 | 45.62006 |
| #3     | .0719221 | .0109290 | .0852960 | -.042078   | -.010911 | 43.28237 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.296097 | .0046337 | .0033416 | F 1260.352 | .0933294 | .1051700 |
| Stddev | .040577  | .0002002 | .0001592 | 42.457     | .0019291 | .0017453 |
| %RSD   | 3.130696 | 4.320385 | 4.763497 | 3.368645   | 2.066951 | 1.659537 |
| #1     | 1.321622 | .0048366 | .0032862 | 1284.770   | .0923699 | .1035041 |
| #2     | 1.317362 | .0046281 | .0032176 | 1284.958   | .0920683 | .1050208 |
| #3     | 1.249308 | .0044364 | .0035211 | 1211.327   | .0955501 | .1069852 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1109209 | 127.3796 | 2.867130 | 469.2945   | .2074583 | .0024793 |
| Stddev | .0030391 | 3.9215   | .082862  | 13.9186    | .0024153 | .0011096 |
| %RSD   | 2.739918 | 3.078609 | 2.890060 | 2.965852   | 1.164227 | 44.75259 |
| #1     | .1075507 | 129.6392 | 2.918941 | 477.7779   | .2050245 | .0026528 |
| #2     | .1117589 | 129.6482 | 2.910887 | 476.8745   | .2074957 | .0012933 |
| #3     | .1134531 | 122.8514 | 2.771563 | 453.2312   | .2098546 | .0034920 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.153490 | .1502056 | .3235824 | 4.045110   | 2.932365 | .0835322 |
| Stddev | .389081  | .0100479 | .0085506 | .540065    | .034131  | .0054949 |
| %RSD   | 33.73073 | 6.689430 | 2.642472 | 13.35105   | 1.163942 | 6.578147 |
| #1     | 1.593437 | .1386713 | .3307015 | 4.606429   | 2.906084 | .0849648 |
| #2     | .854657  | .1548870 | .3140982 | 3.999741   | 2.920072 | .0881688 |
| #3     | 1.012377 | .1570586 | .3259475 | 3.529162   | 2.970940 | .0774629 |



Sample Name: P5067-08      Acquired: 12/12/2024 16:32:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0364311 | 34.17909 | 5.384700 | .0214372 | 1.085259 | 2.068099 |
| Stddev | .0003992 | .45156   | .157794  | .0014668 | .036626  | .063214  |
| %RSD   | 1.095871 | 1.321155 | 2.930423 | 6.842083 | 3.374892 | 3.056612 |
| #1     | .0363572 | 33.83988 | 5.473377 | .0203959 | 1.106518 | 2.107677 |
| #2     | .0360740 | 34.00575 | 5.478208 | .0231146 | 1.106292 | 2.101425 |
| #3     | .0368621 | 34.69163 | 5.202516 | .0208011 | 1.042967 | 1.995195 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1657898 |
| Stddev | .0101467 |
| %RSD   | 6.120212 |
| #1     | .1709906 |
| #2     | .1722817 |
| #3     | .1540972 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2332.391 | 23665.44 | 2830.777 | 1685.635 | 2515.862 |
| Stddev    | 24.201   | 24.51    | 84.995   | 2.441    | 25.519   |
| %RSD      | 1.037594 | .1035738 | 3.002542 | .1447916 | 1.014319 |
| #1        | 2356.543 | 23693.74 | 2780.443 | 1683.651 | 2540.581 |
| #2        | 2332.490 | 23651.27 | 2782.978 | 1688.360 | 2517.393 |
| #3        | 2308.141 | 23651.31 | 2928.910 | 1684.894 | 2489.612 |

Sample Name: P5067-09      Acquired: 12/12/2024 16:36:45      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28M8      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0244572 | .0161144 | .0679040 | -.034166 | -.003466 | 31.14791 | 1.137268 |
| Stddev | .0047687 | .0014587 | .0022722 | .005104  | .001126  | .18370   | .002999  |
| %RSD   | 19.49813 | 9.052081 | 3.346165 | 14.93757 | 32.47238 | .5897619 | .2637384 |
| #1     | .0240481 | .0150528 | .0662488 | -.035515 | -.002981 | 30.98013 | 1.135222 |
| #2     | .0294173 | .0177777 | .0704945 | -.028524 | -.004753 | 31.34420 | 1.140711 |
| #3     | .0199063 | .0155126 | .0669686 | -.038460 | -.002665 | 31.11939 | 1.135870 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027714 | .0011432 | 710.1987 | .1137898 | .0714917 | .0604548 | 74.98079 |
| Stddev | .0001756 | .0000324 | 2.8657   | .0011081 | .0005071 | .0038789 | .39101   |
| %RSD   | 6.336619 | 2.837127 | .4035105 | .9738410 | .7093482 | 6.416114 | .5214834 |
| #1     | .0026376 | .0011065 | 707.6821 | .1150533 | .0719833 | .0645818 | 74.59871 |
| #2     | .0029703 | .0011681 | 713.3177 | .1129830 | .0709703 | .0598982 | 75.38016 |
| #3     | .0027063 | .0011549 | 709.5962 | .1133332 | .0715216 | .0568842 | 74.96349 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.464955 | 325.7155 | .1127129 | .0019047 | .4144865 | .1058025 | .1503427 |
| Stddev | .004877  | 1.3094   | .0014831 | .0007294 | .5994163 | .0091926 | .0057115 |
| %RSD   | .3329390 | .4020216 | 1.315796 | 38.29608 | 144.6166 | 8.688465 | 3.798989 |
| #1     | 1.466553 | 324.6803 | .1143888 | .0026756 | -.244146 | .0953579 | .1486047 |
| #2     | 1.468833 | 327.1875 | .1121796 | .0012253 | .928065  | .1093853 | .1567213 |
| #3     | 1.459479 | 325.2786 | .1115702 | .0018132 | .559540  | .1126642 | .1457020 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7354488 | 1.716064 | .0361142 | .0087401 | 10.75254 | 4.357365 | .0159780 |
| Stddev | .1488983 | .004343  | .0008795 | .0004396 | .03993   | .035248  | .0005240 |
| %RSD   | 20.24591 | .2530695 | 2.435300 | 5.029658 | .3713553 | .8089192 | 3.279678 |
| #1     | .7180500 | 1.718996 | .0368463 | .0087454 | 10.76563 | 4.318070 | .0153780 |
| #2     | .5960143 | 1.711075 | .0351386 | .0082979 | 10.70771 | 4.386195 | .0163460 |
| #3     | .8922822 | 1.718122 | .0363577 | .0091771 | 10.78429 | 4.367829 | .0162099 |

Sample Name: P5067-09      Acquired: 12/12/2024 16:36:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7277863 | 25.69396 | .0780798 |
| Stddev | .0072656 | .17756   | .0012496 |
| %RSD   | .9983113 | .6910739 | 1.600364 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | .7206854 | 25.49338 | .0793439 |
| #2 | .7352060 | 25.83106 | .0768454 |
| #3 | .7274676 | 25.75743 | .0780502 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2378.113 | 23988.03 | 2791.487 | 1714.673 | 2661.697 |
| Stddev    | 12.264   | 238.93   | 13.242   | 11.256   | 16.608   |
| %RSD      | .5157185 | .9960510 | .4743668 | .6564740 | .6239537 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 2366.933 | 23719.10 | 2804.725 | 1702.491 | 2649.363 |
| #2 | 2391.231 | 24069.15 | 2778.241 | 1716.836 | 2680.581 |
| #3 | 2376.174 | 24175.84 | 2791.494 | 1724.690 | 2655.147 |

Sample Name: P5067-10      Acquired: 12/12/2024 16:40:49      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28M9      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1018635 | -.001428 | .3100435 | .0061643 | .0061897 | 82.78845 | .7284953 |
| Stddev | .0005253 | .000364  | .0015466 | .0064063 | .0017780 | .98469   | .0064250 |
| %RSD   | .5157312 | 25.51620 | .4988419 | 103.9266 | 28.72549 | 1.189400 | .8819605 |
| #1     | .1024681 | -.001428 | .3112273 | .0132609 | .0041831 | 83.01339 | .7294285 |
| #2     | .1016037 | -.001792 | .3082936 | .0044242 | .0068168 | 83.64120 | .7344027 |
| #3     | .1015186 | -.001064 | .3106097 | .0008078 | .0075691 | 81.71076 | .7216547 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0091850 | .0049708 | 58.17662 | .1567357 | .1332893 | .1673078 | 200.9053 |
| Stddev | .0001546 | .0002386 | .51134   | .0022053 | .0009866 | .0105291 | 2.2722   |
| %RSD   | 1.682987 | 4.799382 | .8789484 | 1.406989 | .7402047 | 6.293243 | 1.130983 |
| #1     | .0092015 | .0047760 | 58.35877 | .1554021 | .1336279 | .1725409 | 201.7480 |
| #2     | .0093307 | .0048995 | 58.57194 | .1555239 | .1321780 | .1551875 | 202.6357 |
| #3     | .0090228 | .0052369 | 57.59914 | .1592811 | .1340621 | .1741951 | 198.3321 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.709816 | 29.59326 | .2501232 | .0074844 | 1.077326 | .2241623 | .4883116 |
| Stddev | .087652  | .35781   | .0018688 | .0003267 | .490920  | .0090017 | .0090011 |
| %RSD   | 1.136888 | 1.209086 | .7471442 | 4.365565 | 45.56840 | 4.015697 | 1.843306 |
| #1     | 7.730511 | 29.53634 | .2500938 | .0071709 | .858314  | .2176818 | .4789728 |
| #2     | 7.785269 | 29.97611 | .2482694 | .0074594 | 1.639632 | .2344405 | .4890300 |
| #3     | 7.613669 | 29.26732 | .2520066 | .0078229 | .734031  | .2203647 | .4969319 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.643101 | 5.088731 | .0702590 | .0420554 | 3.718084 | 6.873004 | .0254549 |
| Stddev | .156047  | .030240  | .0030457 | .0001439 | .029699  | .082735  | .0011013 |
| %RSD   | 1.805449 | .5942484 | 4.335020 | .3421860 | .7987591 | 1.203775 | 4.326555 |
| #1     | 8.681845 | 5.096381 | .0735694 | .0422056 | 3.719624 | 6.860109 | .0249915 |
| #2     | 8.776127 | 5.055401 | .0696323 | .0419187 | 3.687646 | 6.961429 | .0246610 |
| #3     | 8.471333 | 5.114411 | .0675754 | .0420420 | 3.746983 | 6.797473 | .0267121 |

Sample Name: P5067-10      Acquired: 12/12/2024 16:40:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28M9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.225287 | .4087592 | .1055934 |
| Stddev | .015994  | .0040082 | .0021202 |
| %RSD   | 1.305304 | .9805879 | 2.007901 |
| #1     | 1.228637 | .4090992 | .1074882 |
| #2     | 1.239341 | .4125866 | .1033034 |
| #3     | 1.207884 | .4045918 | .1059886 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2768.484 | 27509.42 | 3075.789 | 1993.043 | 3089.768 |
| Stddev    | 15.531   | 207.80   | 38.808   | 17.171   | 22.921   |
| %RSD      | .5609802 | .7553726 | 1.261722 | .8615650 | .7418315 |
| #1        | 2764.031 | 27651.81 | 3070.692 | 2007.473 | 3083.455 |
| #2        | 2785.755 | 27605.47 | 3039.782 | 1997.605 | 3115.184 |
| #3        | 2755.667 | 27270.97 | 3116.894 | 1974.052 | 3070.666 |

Sample Name: P5067-11      Acquired: 12/12/2024 16:44:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1711824 | -.008528 | .2661319 | .0039283 | .0075598 | 94.60959 | .5627233 |
| Stddev | .0027569 | .001841  | .0022505 | .0014537 | .0016799 | .35535   | .0007895 |
| %RSD   | 1.610501 | 21.58358 | .8456255 | 37.00554 | 22.22200 | .3755948 | .1403078 |
| #1     | .1691401 | -.008092 | .2678258 | .0032888 | .0058273 | 94.21082 | .5621866 |
| #2     | .1743183 | -.006945 | .2669917 | .0029040 | .0091817 | 94.72529 | .5636299 |
| #3     | .1700889 | -.010548 | .2635783 | .0055922 | .0076704 | 94.89268 | .5623535 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0107778 | .0039251 | 31.50847 | .1759400 | .1611857 | .2222813 | 284.5207 |
| Stddev | .0000968 | .0001167 | .10388   | .0011112 | .0002225 | .0062387 | .5834    |
| %RSD   | .8983104 | 2.973187 | .3296818 | .6315926 | .1380121 | 2.806678 | .2050606 |
| #1     | .0107377 | .0038486 | 31.39094 | .1768857 | .1609584 | .2170937 | 283.9174 |
| #2     | .0107074 | .0038672 | 31.54648 | .1762182 | .1614029 | .2205463 | 285.0819 |
| #3     | .0108882 | .0040594 | 31.58799 | .1747161 | .1611959 | .2292039 | 284.5629 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.342313 | 33.91640 | .3399135 | .0070746 | 1.162182 | .2700863 | .4428656 |
| Stddev | .007765  | .19262   | .0007026 | .0001227 | .589404  | .0029835 | .0042164 |
| %RSD   | .1788240 | .5679351 | .2066891 | 1.733681 | 50.71528 | 1.104662 | .9520789 |
| #1     | 4.335570 | 33.71503 | .3407139 | .0070060 | 1.719608 | .2666529 | .4475595 |
| #2     | 4.350803 | 34.09889 | .3393985 | .0072162 | 1.221632 | .2720493 | .4393991 |
| #3     | 4.340566 | 33.93529 | .3396282 | .0070016 | .545306  | .2715565 | .4416380 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.012429 | 2.071204 | .0711100 | .0914070 | 1.230683 | 3.356726 | .0306701 |
| Stddev | .071376  | .002052  | .0011797 | .0005089 | .002846  | .008028  | .0004222 |
| %RSD   | .7919681 | .0990873 | 1.658981 | .5567480 | .2312915 | .2391486 | 1.376454 |
| #1     | 9.034701 | 2.068961 | .0705444 | .0913719 | 1.228434 | 3.347811 | .0306234 |
| #2     | 9.070014 | 2.072986 | .0724660 | .0919325 | 1.229731 | 3.363381 | .0302733 |
| #3     | 8.932573 | 2.071666 | .0703196 | .0909165 | 1.233883 | 3.358987 | .0311137 |

Sample Name: P5067-11      Acquired: 12/12/2024 16:44:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.661091 | -.005864 | .1345386 |
| Stddev | .008875  | .000368  | .0038507 |
| %RSD   | .5342749 | 6.284082 | 2.862116 |
| #1     | 1.652212 | -.006289 | .1375037 |
| #2     | 1.661098 | -.005632 | .1359254 |
| #3     | 1.669962 | -.005670 | .1301866 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2898.162 | 28796.16 | 3239.307 | 2078.733 | 3046.439 |
| Stddev    | 8.493    | 27.40    | 9.616    | 3.937    | 5.707    |
| %RSD      | .2930563 | .0951611 | .2968569 | .1893828 | .1873233 |
| #1        | 2898.988 | 28764.55 | 3250.393 | 2076.185 | 3048.269 |
| #2        | 2889.286 | 28813.22 | 3233.224 | 2076.746 | 3040.042 |
| #3        | 2906.212 | 28810.71 | 3234.303 | 2083.267 | 3051.006 |

Sample Name: P5067-12      Acquired: 12/12/2024 16:48:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1113966 | .0115196 | .1269900 | -.035384 | -.007812 | 56.12386 |
| Stddev | .0027739 | .0029328 | .0038948 | .003165  | .002916  | 2.25643  |
| %RSD   | 2.490145 | 25.45961 | 3.067032 | 8.945703 | 37.33303 | 4.020439 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1092249 | .0093836 | .1225935 | -.031893 | -.004849 | 53.61105 |
| #2 | .1104433 | .0148635 | .1300085 | -.036189 | -.010679 | 57.97674 |
| #3 | .1145214 | .0103116 | .1283680 | -.038068 | -.007908 | 56.78380 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2732377 | .0064881 | .0052122 | F 1087.708 | .1213234 | .1298710 |
| Stddev | .0114945 | .0001758 | .0000494 | 48.355     | .0042466 | .0032061 |
| %RSD   | 4.206759 | 2.709083 | .9483920 | 4.445561   | 3.500253 | 2.468703 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2601810 | .0062875 | .0051553 | 1032.286 | .1261931 | .1262160 |
| #2 | .2818310 | .0065619 | .0052368 | 1121.286 | .1183906 | .1311887 |
| #3 | .2777011 | .0066150 | .0052444 | 1109.554 | .1193864 | .1322083 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1211829 | 190.3478 | 3.844073 | 159.1332 | .2837337 | .0029940 |
| Stddev | .0065048 | 7.8081   | .154901  | 6.5953   | .0075820 | .0009131 |
| %RSD   | 5.367791 | 4.102018 | 4.029605 | 4.144502 | 2.672226 | 30.49612 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1137210 | 181.6623 | 3.671152 | 151.7302 | .2750415 | .0024480 |
| #2 | .1241699 | 196.7853 | 3.970133 | 164.3819 | .2871737 | .0040481 |
| #3 | .1256577 | 192.5958 | 3.890933 | 161.2876 | .2889859 | .0024860 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.611182 | .1778723 | .3899822 | 5.865780 | 4.820518 | .0904169 |
| Stddev | .697239  | .0158338 | .0139293 | .521816  | .102231  | .0063571 |
| %RSD   | 43.27501 | 8.901788 | 3.571787 | 8.895928 | 2.120742 | 7.030927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .835601  | .1608560 | .4001575 | 5.298199 | 4.702903 | .0838533 |
| #2 | 1.811895 | .1921721 | .3956823 | 6.324728 | 4.870593 | .0965452 |
| #3 | 2.186051 | .1805887 | .3741069 | 5.974414 | 4.888057 | .0908523 |



Sample Name: P5067-12      Acquired: 12/12/2024 16:48:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0588603 | 29.00769 | 6.245878 | .0260098 | .8249663 | 1.628245 |
| Stddev | .0008522 | .63887   | .225821  | .0020543 | .0324440 | .067823  |
| %RSD   | 1.447863 | 2.202415 | 3.615516 | 7.898061 | 3.932772 | 4.165403 |
| #1     | .0578891 | 28.27494 | 5.985422 | .0236492 | .7884544 | 1.552573 |
| #2     | .0592089 | 29.30017 | 6.386918 | .0269885 | .8504868 | 1.683553 |
| #3     | .0594830 | 29.44796 | 6.365295 | .0273917 | .8359578 | 1.648608 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1673334 |
| Stddev | .0052188 |
| %RSD   | 3.118795 |
| #1     | .1613437 |
| #2     | .1709009 |
| #3     | .1697556 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2510.304 | 24544.37 | 3008.808 | 1763.627 | 2673.188 |
| Stddev    | 43.895   | 442.11   | 111.709  | 29.220   | 54.724   |
| %RSD      | 1.748599 | 1.801270 | 3.712736 | 1.656811 | 2.047147 |
| #1        | 2560.758 | 24047.28 | 3136.730 | 1730.018 | 2735.643 |
| #2        | 2489.263 | 24692.19 | 2930.496 | 1777.858 | 2650.283 |
| #3        | 2480.890 | 24893.62 | 2959.198 | 1783.005 | 2633.639 |

Sample Name: P5067-13      Acquired: 12/12/2024 16:52:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1070267 | .0007687 | .1784655 | -.010676 | .0017649 | 103.8564 | .8770864 |
| Stddev | .0024649 | .0006708 | .0033771 | .001607  | .0022126 | .3232    | .0035442 |
| %RSD   | 2.303082 | 87.26483 | 1.892304 | 15.04856 | 125.3608 | .3111888 | .4040863 |
| #1     | .1064501 | .0013841 | .1761622 | -.011327 | .0034430 | 103.5640 | .8730323 |
| #2     | .1097289 | .0008682 | .1823422 | -.008846 | -.000742 | 104.2034 | .8795980 |
| #3     | .1049013 | .0000537 | .1768920 | -.011855 | .002594  | 103.8016 | .8786287 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0100007 | .0028835 | 159.8809 | .1808943 | .1407753 | .1519016 | 244.2233 |
| Stddev | .0000627 | .0000766 | .8952    | .0017269 | .0011901 | .0030446 | 1.1921   |
| %RSD   | .6264905 | 2.655767 | .5599293 | .9546435 | .8453669 | 2.004328 | .4881127 |
| #1     | .0100407 | .0028478 | 159.1439 | .1804111 | .1400550 | .1520788 | 243.3964 |
| #2     | .0100331 | .0028312 | 160.8771 | .1794604 | .1401220 | .1487722 | 245.5898 |
| #3     | .0099285 | .0029714 | 159.6216 | .1828113 | .1421489 | .1548537 | 243.6838 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.618857 | 73.73979 | .3327515 | .0058608 | .4525015 | .2680484 | .3767821 |
| Stddev | .017633  | .11183   | .0017278 | .0009043 | .1764070 | .0075710 | .0006932 |
| %RSD   | .3817695 | .1516600 | .5192500 | 15.42976 | 38.98485 | 2.824496 | .1839776 |
| #1     | 4.603064 | 73.86683 | .3322078 | .0048475 | .5990144 | .2619212 | .3760003 |
| #2     | 4.637883 | 73.69636 | .3313610 | .0061491 | .5018007 | .2657117 | .3770241 |
| #3     | 4.615624 | 73.65619 | .3346858 | .0065859 | .2566893 | .2765123 | .3773219 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.043267 | 3.028520 | .0688122 | .0183432 | 1.303031 | 7.637961 | .0252153 |
| Stddev | .170787  | .023580  | .0019401 | .0002523 | .011867  | .008150  | .0002093 |
| %RSD   | 4.223977 | .7786066 | 2.819346 | 1.375598 | .9107307 | .1067008 | .8301159 |
| #1     | 3.846293 | 3.012775 | .0667079 | .0180521 | 1.301292 | 7.643752 | .0250506 |
| #2     | 4.150064 | 3.017154 | .0705296 | .0184776 | 1.292129 | 7.641489 | .0254509 |
| #3     | 4.133444 | 3.055630 | .0691992 | .0184998 | 1.315671 | 7.628641 | .0251446 |

Sample Name: P5067-13      Acquired: 12/12/2024 16:52:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.126336 | .6293116 | .1802417 |
| Stddev | .004683  | .0031379 | .0014801 |
| %RSD   | .4157451 | .4986305 | .8211501 |
| #1     | 1.121389 | .6265465 | .1788971 |
| #2     | 1.126919 | .6327220 | .1800006 |
| #3     | 1.130700 | .6286664 | .1818276 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2672.199 | 26696.36 | 3038.227 | 1935.070 | 2971.932 |
| Stddev    | 7.007    | 88.77    | 18.328   | 7.233    | 10.239   |
| %RSD      | .2622221 | .3325308 | .6032372 | .3737774 | .3445144 |
| #1        | 2679.087 | 26676.02 | 3026.101 | 1941.512 | 2980.752 |
| #2        | 2672.430 | 26793.54 | 3029.269 | 1936.452 | 2974.341 |
| #3        | 2665.079 | 26619.52 | 3059.310 | 1927.246 | 2960.704 |

Sample Name: P5067-14      Acquired: 12/12/2024 16:56:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0946298 | .0064204 | .1665112 | -.022745 | -.001161 | 84.47201 | .7289210 |
| Stddev | .0036781 | .0025689 | .0031766 | .000203  | .000959  | 3.90918  | .0330003 |
| %RSD   | 3.886878 | 40.01182 | 1.907754 | .8941156 | 82.58433 | 4.627787 | 4.527276 |
| #1     | .0988575 | .0092289 | .1685183 | -.022821 | -.001742 | 87.91842 | .7576721 |
| #2     | .0921642 | .0041894 | .1628488 | -.022514 | -.000054 | 80.22424 | .6928879 |
| #3     | .0928677 | .0058430 | .1681666 | -.022898 | -.001688 | 85.27339 | .7362031 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081856 | .0033439 | 308.8507 | .1424451 | .1390935 | .1385557 | 216.6512 |
| Stddev | .0002498 | .0000496 | 12.9509  | .0072560 | .0029161 | .0006452 | 9.5003   |
| %RSD   | 3.051089 | 1.483918 | 4.193272 | 5.093890 | 2.096487 | .4656860 | 4.385087 |
| #1     | .0084177 | .0033736 | 320.0992 | .1488113 | .1423450 | .1390050 | 224.8689 |
| #2     | .0079213 | .0033715 | 294.6923 | .1345446 | .1367101 | .1388458 | 206.2488 |
| #3     | .0082178 | .0032866 | 311.7605 | .1439794 | .1382253 | .1378163 | 218.8359 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.488713 | 67.26391 | .3065556 | .0056514 | 2.475467 | .2114396 | .4004605 |
| Stddev | .192005  | 2.95805  | .0061534 | .0006392 | .355237  | .0072180 | .0181375 |
| %RSD   | 4.277501 | 4.397673 | 2.007267 | 11.31093 | 14.35029 | 3.413724 | 4.529150 |
| #1     | 4.656288 | 69.87511 | .3135418 | .0061798 | 2.547528 | .2177493 | .4115671 |
| #2     | 4.279208 | 64.05142 | .3019404 | .0049409 | 2.089724 | .2035689 | .3795303 |
| #3     | 4.530641 | 67.86522 | .3041844 | .0058336 | 2.789148 | .2130007 | .4102842 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.518182 | 3.331216 | .0631418 | .0310943 | 2.157825 | 6.885319 | .0295667 |
| Stddev | .539148  | .077146  | .0028742 | .0008804 | .053443  | .307142  | .0007991 |
| %RSD   | 15.32461 | 2.315841 | 4.552006 | 2.831297 | 2.476718 | 4.460830 | 2.702644 |
| #1     | 3.908997 | 3.419285 | .0660713 | .0320647 | 2.217272 | 7.157942 | .0286748 |
| #2     | 2.903098 | 3.275594 | .0603263 | .0303467 | 2.113760 | 6.552554 | .0298076 |
| #3     | 3.742451 | 3.298767 | .0630278 | .0308717 | 2.142442 | 6.945461 | .0302175 |

Sample Name: P5067-14      Acquired: 12/12/2024 16:56:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.197479 | .4617418 | .1190517 |
| Stddev | .051908  | .0199386 | .0073807 |
| %RSD   | 4.334733 | 4.318135 | 6.199598 |
| #1     | 1.245703 | .4790518 | .1268912 |
| #2     | 1.142541 | .4399406 | .1122368 |
| #3     | 1.204194 | .4662331 | .1180272 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2692.525 | 27991.83 | 3180.558 | 2022.514 | 2891.905 |
| Stddev    | 46.040   | 1098.48  | 118.219  | 79.716   | 61.683   |
| %RSD      | 1.709937 | 3.924281 | 3.716933 | 3.941452 | 2.132970 |
| #1        | 2640.158 | 27009.82 | 3071.389 | 1950.835 | 2821.477 |
| #2        | 2726.644 | 29178.10 | 3306.117 | 2108.367 | 2936.323 |
| #3        | 2710.775 | 27787.58 | 3164.169 | 2008.342 | 2917.916 |

Sample Name: P5067-15      Acquired: 12/12/2024 17:00:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0862149 | .0117485 | .6972929 | -.022867 | -.002740 | 72.09306 | .9017769 |
| Stddev | .0026477 | .0012500 | .0030852 | .003184  | .001665  | .34892   | .0067615 |
| %RSD   | 3.071106 | 10.63965 | .4424577 | 13.92216 | 60.77946 | .4839841 | .7497958 |
| #1     | .0833136 | .0122338 | .6993410 | -.019406 | -.000884 | 72.43818 | .9066990 |
| #2     | .0885007 | .0103286 | .6937444 | -.023524 | -.003230 | 71.74046 | .8940673 |
| #3     | .0868305 | .0126830 | .6987932 | -.025671 | -.004105 | 72.10055 | .9045644 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0076730 | .0092936 | 603.5867 | .1416271 | .1041940 | .2022360 | 179.3462 |
| Stddev | .0000225 | .0000515 | 2.8178   | .0023895 | .0011317 | .0042859 | 1.1012   |
| %RSD   | .2933187 | .5544148 | .4668414 | 1.687197 | 1.086162 | 2.119269 | .6140318 |
| #1     | .0076512 | .0092427 | 606.2114 | .1438338 | .1040914 | .1987227 | 180.6065 |
| #2     | .0076962 | .0093458 | 600.6091 | .1419581 | .1053735 | .2009740 | 178.5696 |
| #3     | .0076716 | .0092924 | 603.9397 | .1390893 | .1031170 | .2070112 | 178.8625 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.980889 | 204.8743 | .2306875 | .0055945 | 4.250178 | .2474744 | 1.196272 |
| Stddev | .017061  | .9328    | .0008287 | .0004988 | .661949  | .0063718 | .021302  |
| %RSD   | .5723465 | .4553091 | .3592399 | 8.916646 | 15.57462 | 2.574746 | 1.780694 |
| #1     | 2.999486 | 205.8100 | .2302840 | .0050566 | 4.518871 | .2441063 | 1.217646 |
| #2     | 2.965962 | 203.9444 | .2316407 | .0056851 | 3.496130 | .2548234 | 1.196128 |
| #3     | 2.977218 | 204.8685 | .2301379 | .0060419 | 4.735532 | .2434933 | 1.175043 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.490918 | 4.537994 | .0879403 | .0269000 | 92.14194 | 7.157101 | .0383448 |
| Stddev | .130344  | .017889  | .0011539 | .0005126 | .36102   | .030698  | .0013656 |
| %RSD   | 1.740028 | .3942132 | 1.312082 | 1.905421 | .3918118 | .4289210 | 3.561397 |
| #1     | 7.362343 | 4.537000 | .0873251 | .0265358 | 92.13993 | 7.178628 | .0373483 |
| #2     | 7.622962 | 4.556359 | .0872244 | .0266781 | 92.50396 | 7.170726 | .0399014 |
| #3     | 7.487449 | 4.520622 | .0892713 | .0274862 | 91.78192 | 7.121948 | .0377847 |

Sample Name: P5067-15      Acquired: 12/12/2024 17:00:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.216157 | 5.564850 | .1304900 |
| Stddev | .007644  | .027656  | .0027479 |
| %RSD   | .6285506 | .4969850 | 2.105795 |
| #1     | 1.222644 | 5.593985 | .1296444 |
| #2     | 1.207730 | 5.538958 | .1282644 |
| #3     | 1.218097 | 5.561607 | .1335613 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2460.077 | 24801.95 | 2867.219 | 1775.924 | 2689.532 |
| Stddev    | 6.231    | 408.90   | 14.015   | 28.457   | 9.769    |
| %RSD      | .2532892 | 1.648653 | .4888079 | 1.602396 | .3632128 |
| #1        | 2466.419 | 24499.42 | 2855.723 | 1750.847 | 2695.911 |
| #2        | 2453.963 | 24639.28 | 2863.103 | 1770.073 | 2678.286 |
| #3        | 2459.848 | 25267.15 | 2882.832 | 1806.852 | 2694.398 |

Sample Name: P5067-16      Acquired: 12/12/2024 17:04:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0931014 | -.000127 | .2312196 | -.005928 | .0016542 | 87.44947 | .6044791 |
| Stddev | .0011919 | .000594  | .0037680 | .005526  | .0021829 | .12326   | .0011569 |
| %RSD   | 1.280209 | 466.0578 | 1.629608 | 93.21966 | 131.9606 | .1409486 | .1913959 |
| #1     | .0939032 | .000152  | .2349079 | -.004688 | .0008730 | 87.58855 | .6057364 |
| #2     | .0917317 | .000275  | .2273767 | -.011969 | -.000031 | 87.35376 | .6042413 |
| #3     | .0936692 | -.000809 | .2313744 | -.001127 | .004120  | 87.40609 | .6034595 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090129 | .0034079 | 99.15530 | .1608369 | .1243344 | .1393627 | 218.0376 |
| Stddev | .0001386 | .0000455 | .08650   | .0012217 | .0004947 | .0021471 | .8264    |
| %RSD   | 1.538197 | 1.334791 | .0872342 | .7595646 | .3978401 | 1.540687 | .3790360 |
| #1     | .0089407 | .0033735 | 99.13750 | .1618510 | .1243843 | .1385899 | 218.8077 |
| #2     | .0091728 | .0034595 | 99.07909 | .1594806 | .1238168 | .1417893 | 218.1407 |
| #3     | .0089253 | .0033908 | 99.24931 | .1611790 | .1248023 | .1377089 | 217.1645 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.835936 | 40.90819 | .2528986 | .0057664 | .2298799 | .2338369 | .4781145 |
| Stddev | .007428  | .09722   | .0007863 | .0005907 | .1701728 | .0087695 | .0048129 |
| %RSD   | .1535921 | .2376553 | .3109249 | 10.24322 | 74.02685 | 3.750283 | 1.006650 |
| #1     | 4.841556 | 40.99838 | .2538039 | .0052199 | .3448633 | .2264381 | .4725757 |
| #2     | 4.838737 | 40.80521 | .2525059 | .0056862 | .0343921 | .2435237 | .4812780 |
| #3     | 4.827515 | 40.92098 | .2523860 | .0063930 | .3103843 | .2315491 | .4804899 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.853662 | 4.232277 | .0669956 | .0281425 | 2.289386 | 5.665360 | .0234305 |
| Stddev | .085605  | .005876  | .0024239 | .0003221 | .002212  | .022667  | .0004063 |
| %RSD   | 1.763712 | .1388390 | 3.618079 | 1.144540 | .0966229 | .4001024 | 1.734265 |
| #1     | 4.859339 | 4.227353 | .0697046 | .0277707 | 2.288985 | 5.650367 | .0233615 |
| #2     | 4.765361 | 4.230698 | .0662507 | .0283209 | 2.291771 | 5.654277 | .0238669 |
| #3     | 4.936287 | 4.238782 | .0650315 | .0283359 | 2.287402 | 5.691436 | .0230630 |



Sample Name: P5067-16      Acquired: 12/12/2024 17:04:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.173688 | .1991955 | .1215028 |
| Stddev | .001815  | .0005306 | .0031850 |
| %RSD   | .1546203 | .2663493 | 2.621322 |
| #1     | 1.175783 | .1993108 | .1233432 |
| #2     | 1.172622 | .1986168 | .1233401 |
| #3     | 1.172658 | .1996590 | .1178251 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2719.010 | 27085.54 | 3037.161 | 1961.045 | 3046.087 |
| Stddev    | 8.360    | 108.47   | 10.727   | 7.763    | 7.447    |
| %RSD      | .3074540 | .4004678 | .3531810 | .3958575 | .2444814 |
| #1        | 2716.502 | 26960.82 | 3046.742 | 1952.085 | 3047.654 |
| #2        | 2728.337 | 27137.89 | 3039.169 | 1965.314 | 3052.626 |
| #3        | 2712.192 | 27157.90 | 3025.572 | 1965.737 | 3037.981 |

Sample Name: P5067-17      Acquired: 12/12/2024 17:08:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1332065 | -.000531 | .2509939 | .0015371 | .0050018 | 115.9409 | .7824938 |
| Stddev | .0034341 | .001651  | .0098057 | .0025994 | .0014649 | 5.5527   | .0380414 |
| %RSD   | 2.578022 | 310.9731 | 3.906755 | 169.1123 | 29.28719 | 4.789254 | 4.861560 |
| #1     | .1313671 | -.000837 | .2475132 | -.001200 | .0036442 | 113.1429 | .7625506 |
| #2     | .1310839 | .001252  | .2434033 | .001838  | .0065544 | 112.3439 | .7585708 |
| #3     | .1371685 | -.002008 | .2620651 | .003973  | .0048067 | 122.3360 | .8263601 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0116304 | .0046218 | 124.1497 | .1935309 | .1681734 | .2108751 | 288.4875 |
| Stddev | .0003840 | .0002920 | 6.0052   | .0034003 | .0089514 | .0127568 | 13.7023  |
| %RSD   | 3.301594 | 6.318869 | 4.837046 | 1.756974 | 5.322702 | 6.049461 | 4.749706 |
| #1     | .0115168 | .0047057 | 120.6504 | .1974506 | .1657823 | .2057853 | 281.0011 |
| #2     | .0113160 | .0042969 | 120.7149 | .1917684 | .1606604 | .2014489 | 280.1593 |
| #3     | .0120583 | .0048626 | 131.0838 | .1913737 | .1780775 | .2253910 | 304.3021 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.487288 | 48.31940 | .3792237 | .0074920 | .8917458 | .2879982 | .5343268 |
| Stddev | .357946  | 2.10428  | .0207353 | .0008980 | .3287247 | .0141031 | .0013931 |
| %RSD   | 4.780716 | 4.354934 | 5.467818 | 11.98580 | 36.86305 | 4.896936 | .2607132 |
| #1     | 7.287901 | 47.40795 | .3735672 | .0071341 | .9059268 | .2808143 | .5344249 |
| #2     | 7.273439 | 46.82451 | .3619036 | .0068282 | 1.213151 | .2789335 | .5356682 |
| #3     | 7.900524 | 50.72575 | .4022003 | .0085138 | .556160  | .3042468 | .5328872 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.548694 | 4.986360 | .0802309 | .0384542 | 2.217305 | 2.262225 | .0310440 |
| Stddev | .569305  | .277484  | .0059751 | .0018374 | .125973  | .095905  | .0010455 |
| %RSD   | 8.693410 | 5.564853 | 7.447389 | 4.778048 | 5.681372 | 4.239388 | 3.367668 |
| #1     | 6.237308 | 4.914447 | .0760796 | .0381864 | 2.182571 | 2.229633 | .0301587 |
| #2     | 6.203001 | 4.751912 | .0775340 | .0367654 | 2.112342 | 2.186865 | .0307759 |
| #3     | 7.205772 | 5.292721 | .0870791 | .0404108 | 2.357001 | 2.370178 | .0321974 |

Sample Name: P5067-17      Acquired: 12/12/2024 17:08:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.341698 | .1723400 | .1616239 |
| Stddev | .065273  | .0081004 | .0045540 |
| %RSD   | 4.864973 | 4.700252 | 2.817633 |
| #1     | 1.309594 | .1679440 | .1605029 |
| #2     | 1.298694 | .1673879 | .1577351 |
| #3     | 1.416805 | .1816880 | .1666336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3011.827 | 28984.62 | 3255.344 | 2094.181 | 3090.014 |
| Stddev    | 109.615  | 282.85   | 125.843  | 19.454   | 143.360  |
| %RSD      | 3.639497 | .9758679 | 3.865726 | .9289753 | 4.639460 |
| #1        | 3041.336 | 28658.36 | 3302.323 | 2072.785 | 3124.140 |
| #2        | 3103.668 | 29134.75 | 3350.939 | 2098.952 | 3213.232 |
| #3        | 2890.478 | 29160.76 | 3112.770 | 2110.807 | 2932.671 |

Sample Name: P5067-18      Acquired: 12/12/2024 17:12:15      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: ME28N7      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0634936 | .0156188 | .0920455 | -.041977 | -.007837 | 46.45260 |
| Stddev | .0028025 | .0033809 | .0016666 | .008849  | .001068  | 1.34508  |
| %RSD   | 4.413857 | 21.64624 | 1.810662 | 21.08182 | 13.62711 | 2.895595 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0653639 | .0151863 | .0922652 | -.046272 | -.006640 | 45.39202 |
| #2 | .0648454 | .0191951 | .0935913 | -.031800 | -.008693 | 46.00022 |
| #3 | .0602714 | .0124750 | .0902798 | -.047859 | -.008178 | 47.96554 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9548143 | .0047281 | .0035818 | F 1138.695 | .1090629 | .1055830 |
| Stddev | .0280198 | .0002255 | .0001796 | 33.113     | .0031076 | .0006964 |
| %RSD   | 2.934576 | 4.768217 | 5.014395 | 2.907983   | 2.849372 | .6595419 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9329790 | .0048257 | .0037071 | 1112.311 | .1124360 | .1050748 |
| #2 | .9450554 | .0044703 | .0033760 | 1127.921 | .1084367 | .1052975 |
| #3 | .9864086 | .0048883 | .0036623 | 1175.853 | .1063162 | .1063768 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1410323 | 136.4079 | 3.095550 | 348.1591 | .2081620 | .0025801 |
| Stddev | .0067151 | 4.0197   | .088278  | 9.5362   | .0018499 | .0007512 |
| %RSD   | 4.761396 | 2.946831 | 2.851787 | 2.739048 | .8886784 | 29.11412 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1353948 | 133.1659 | 3.025532 | 340.2606 | .2068248 | .0019739 |
| #2 | .1392404 | 135.1524 | 3.066400 | 345.4637 | .2073880 | .0023461 |
| #3 | .1484615 | 140.9056 | 3.194717 | 358.7529 | .2102731 | .0034205 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.213790 | .1619366 | .3556508 | 4.465538 | 3.065742 | .0721219 |
| Stddev | .287331  | .0051285 | .0076410 | .414438  | .028891  | .0029729 |
| %RSD   | 23.67225 | 3.166960 | 2.148460 | 9.280806 | .9423786 | 4.122041 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.421866 | .1571991 | .3600179 | 4.057441 | 3.045950 | .0703266 |
| #2 | .885949  | .1612283 | .3601066 | 4.453135 | 3.052382 | .0704856 |
| #3 | 1.333555 | .1673824 | .3468279 | 4.886038 | 3.098895 | .0755534 |

Sample Name: P5067-18      Acquired: 12/12/2024 17:12:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28N7      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0387295 | 36.66437 | 5.944483 | .0233400 | 1.188031 | 3.128964 |
| Stddev    | .0005563 | .33331   | .127128  | .0005869 | .027839  | .095203  |
| %RSD      | 1.436281 | .9090867 | 2.138596 | 2.514590 | 2.343286 | 3.042649 |
| #1        | .0384449 | 36.48052 | 5.849917 | .0239442 | 1.163955 | 3.049418 |
| #2        | .0383731 | 36.46348 | 5.894530 | .0233039 | 1.181624 | 3.103025 |
| #3        | .0393705 | 37.04912 | 6.089000 | .0227721 | 1.218515 | 3.234448 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .1452670 |          |          |          |          |          |
| Stddev    | .0076747 |          |          |          |          |          |
| %RSD      | 5.283199 |          |          |          |          |          |
| #1        | .1387948 |          |          |          |          |          |
| #2        | .1432604 |          |          |          |          |          |
| #3        | .1537457 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2356.958 | 23339.23 | 2770.927 | 1666.791 | 2571.005 |          |
| Stddev    | 13.301   | 474.57   | 65.188   | 32.728   | 19.117   |          |
| %RSD      | .5643092 | 2.033354 | 2.352578 | 1.963540 | .7435780 |          |
| #1        | 2361.777 | 22802.25 | 2816.236 | 1630.481 | 2579.956 |          |
| #2        | 2367.178 | 23513.09 | 2800.328 | 1675.870 | 2584.005 |          |
| #3        | 2341.920 | 23702.35 | 2696.216 | 1694.021 | 2549.054 |          |

Sample Name: P4940-01      Acquired: 12/12/2024 17:16:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .0748525 | .0187143 | 1.204111 | -.023477 | -.004831   | 39.88197 |
| Stddev | .0033632 | .0006059 | .004666  | .005371  | .001614    | .10983   |
| %RSD   | 4.493168 | 3.237774 | .3874897 | 22.87818 | 33.41010   | .2753987 |
| #1     | .0769373 | .0181862 | 1.200385 | -.028238 | -.006632   | 39.75520 |
| #2     | .0709725 | .0193758 | 1.202603 | -.024539 | -.004343   | 39.94870 |
| #3     | .0766476 | .0185809 | 1.209344 | -.017654 | -.003517   | 39.94200 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9009892 | .0038729 | .0072748 | 564.6201 | .2477770   | .0922920 |
| Stddev | .0047777 | .0001060 | .0000405 | 1.5903   | .0012525   | .0011207 |
| %RSD   | .5302738 | 2.736392 | .5562160 | .2816526 | .5054774   | 1.214293 |
| #1     | .8956858 | .0037719 | .0072394 | 562.7982 | .2487610   | .0923252 |
| #2     | .9023247 | .0039832 | .0072662 | 565.3322 | .2463672   | .0911551 |
| #3     | .9049571 | .0038634 | .0073189 | 565.7299 | .2482029   | .0933958 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2562942 | 119.8361 | 11.42862 | 278.9942 | .1342244   | .0067957 |
| Stddev | .0070500 | .6378    | .02845   | 1.3921   | .0008842   | .0010921 |
| %RSD   | 2.750744 | .5321978 | .2489439 | .4989856 | .6587522   | 16.07010 |
| #1     | .2581654 | 119.1007 | 11.39589 | 277.3871 | .1332528   | .0056567 |
| #2     | .2484974 | 120.2379 | 11.44251 | 279.7662 | .1344383   | .0068965 |
| #3     | .2622199 | 120.1696 | 11.44745 | 279.8292 | .1349819   | .0078338 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4957989 | .0977763 | 1.437375 | 8.650962 | F 12.02216 | .0861888 |
| Stddev | .9406146 | .0036472 | .013348  | .084005  | .08873     | .0010021 |
| %RSD   | 189.7170 | 3.730094 | .9286345 | .9710426 | .7380884   | 1.162683 |
| #1     | -.152847 | .0946511 | 1.422674 | 8.726627 | 11.95022   | .0851206 |
| #2     | .065669  | .0968940 | 1.448734 | 8.665691 | 11.99493   | .0863375 |
| #3     | 1.574575 | .1017836 | 1.440718 | 8.560567 | 12.12131   | .0871082 |

Sample Name: P4940-01      Acquired: 12/12/2024 17:16:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0045699 | 15.61341 | 9.135809 | .0477952 | .7801771 | .2012077 |
| Stddev | .0001526 | .07346   | .020587  | .0010774 | .0072481 | .0001530 |
| %RSD   | 3.339503 | .4705176 | .2253410 | 2.254228 | .9290316 | .0760335 |
| #1     | .0045244 | 15.55427 | 9.157908 | .0485251 | .7761180 | .2011232 |
| #2     | .0047401 | 15.59033 | 9.132344 | .0483027 | .7885452 | .2013843 |
| #3     | .0044452 | 15.69565 | 9.117175 | .0465577 | .7758680 | .2011156 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0789690 |
| Stddev | .0028626 |
| %RSD   | 3.625001 |
| #1     | .0789265 |
| #2     | .0761278 |
| #3     | .0818526 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2593.644 | 26265.05 | 3038.874 | 1867.126 | 2682.164 |
| Stddev    | 3.875    | 112.43   | 12.577   | 2.697    | 8.001    |
| %RSD      | .1493944 | .4280702 | .4138583 | .1444239 | .2983145 |
| #1        | 2597.427 | 26135.50 | 3026.451 | 1864.077 | 2690.965 |
| #2        | 2589.684 | 26337.18 | 3051.599 | 1868.103 | 2680.196 |
| #3        | 2593.822 | 26322.48 | 3038.574 | 1869.198 | 2675.330 |

Sample Name: P4940-02      Acquired: 12/12/2024 17:20:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0564147 | .0184064 | 1.157418 | -.035061 | -.012117 | 25.72715 |
| Stddev | .0027105 | .0028965 | .030103  | .005406  | .000993  | .25586   |
| %RSD   | 4.804543 | 15.73657 | 2.600908 | 15.42041 | 8.196165 | .9945191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0533775 | .0215644 | 1.142010 | -.040286 | -.011844 | 26.01995 |
| #2 | .0585878 | .0158735 | 1.192106 | -.035406 | -.011289 | 25.61490 |
| #3 | .0572788 | .0177812 | 1.138137 | -.029490 | -.013218 | 25.54661 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4940314 | .0031066 | .0127129 | F 1497.169 | .0703584 | .0884434 |
| Stddev | .0038243 | .0001404 | .0004859 | 7.595      | .0008524 | .0015207 |
| %RSD   | .7740982 | 4.520432 | 3.822068 | .5073127   | 1.211542 | 1.719399 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4981359 | .0032647 | .0124603 | 1505.935 | .0698381 | .0870449 |
| #2 | .4933898 | .0030589 | .0132731 | 1492.560 | .0698949 | .0900623 |
| #3 | .4905685 | .0029963 | .0124054 | 1493.010 | .0713421 | .0882231 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1527467 | 122.9077 | 12.75550 | 775.0334 | .1132943 | .0077614 |
| Stddev | .0006185 | 1.5079   | .14221   | 9.8622   | .0022934 | .0002385 |
| %RSD   | .4049056 | 1.226821 | 1.114854 | 1.272492 | 2.024294 | 3.072747 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1526199 | 124.6141 | 12.91534 | 785.6721 | .1122878 | .0080166 |
| #2 | .1522013 | 122.3542 | 12.70813 | 773.2322 | .1159189 | .0077234 |
| #3 | .1534187 | 121.7549 | 12.64302 | 766.1959 | .1116763 | .0075442 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.042613 | .0697712 | 2.338449 | 7.280960 | 5.900579 | .0988807 |
| Stddev | .590562  | .0062291 | .012414  | .175678  | .150449  | .0023930 |
| %RSD   | 56.64252 | 8.927864 | .5308729 | 2.412840 | 2.549727 | 2.420118 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.366300 | .0640780 | 2.332601 | 7.298754 | 5.822550 | .1014532 |
| #2 | .360977  | .0764246 | 2.352707 | 7.447065 | 6.074012 | .0984682 |
| #3 | 1.400560 | .0688110 | 2.330038 | 7.097063 | 5.805175 | .0967207 |



Sample Name: P4940-02      Acquired: 12/12/2024 17:20:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0034019 | 38.42202 | 8.394427 | .0364855 | .3687198 | .4226585 |
| Stddev | .0004988 | .99629   | .053463  | .0017279 | .0063623 | .0048191 |
| %RSD   | 14.66329 | 2.593013 | .6368845 | 4.735722 | 1.725505 | 1.140179 |
| #1     | .0033683 | 37.95862 | 8.455314 | .0363648 | .3755105 | .4280632 |
| #2     | .0029208 | 39.56560 | 8.355159 | .0382705 | .3677521 | .4211028 |
| #3     | .0039168 | 37.74182 | 8.372809 | .0348212 | .3628968 | .4188094 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0869786 |
| Stddev | .0042494 |
| %RSD   | 4.885591 |
| #1     | .0860571 |
| #2     | .0916132 |
| #3     | .0832655 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2296.829 | 23308.43 | 2829.034 | 1643.706 | 2380.623 |
| Stddev    | 55.872   | 275.39   | 34.182   | 15.359   | 61.725   |
| %RSD      | 2.432573 | 1.181505 | 1.208272 | .9344430 | 2.592818 |
| #1        | 2332.546 | 23599.19 | 2789.635 | 1656.675 | 2419.575 |
| #2        | 2232.442 | 23274.55 | 2846.676 | 1647.698 | 2309.455 |
| #3        | 2325.499 | 23051.55 | 2850.792 | 1626.744 | 2412.840 |

Sample Name: P4940-03      Acquired: 12/12/2024 17:24:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1864917 | .0110807 | 2.089562 | .0032414 | .0002874 | 70.27213 |
| Stddev | .0041385 | .0033596 | .012176  | .0037964 | .0022030 | .79858   |
| %RSD   | 2.219136 | 30.31958 | .5827195 | 117.1204 | 766.5350 | 1.136406 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1819644 | .0148846 | 2.076545 | .0073903 | .0023135 | 71.04943 |
| #2 | .1900800 | .0085192 | 2.100674 | .0023929 | .0006066 | 70.31310 |
| #3 | .1874309 | .0098383 | 2.091466 | -.000059 | -.002058 | 69.45385 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.115636 | .0065417 | .0087604 | 111.7835 | .1166144 | .1423589 |
| Stddev | .022506  | .0000965 | .0001230 | 1.4512   | .0032456 | .0009174 |
| %RSD   | 1.063795 | 1.475547 | 1.404358 | 1.298232 | 2.783156 | .6444299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.139494 | .0065996 | .0086188 | 113.1538 | .1131572 | .1414655 |
| #2 | 2.112630 | .0064303 | .0088219 | 111.9337 | .1195958 | .1423127 |
| #3 | 2.094784 | .0065953 | .0088406 | 110.2630 | .1170903 | .1432986 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4288619 | 196.0852 | 20.90314 | 39.90460 | .2248933 | .0121743 |
| Stddev | .0090998 | 2.5076   | .26772   | .46015   | .0012479 | .0002716 |
| %RSD   | 2.121845 | 1.278837 | 1.280770 | 1.153121 | .5548894 | 2.231200 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4371580 | 198.6235 | 21.15956 | 40.33777 | .2234865 | .0119561 |
| #2 | .4302983 | 196.0228 | 20.92448 | 39.95448 | .2253266 | .0120884 |
| #3 | .4191293 | 193.6094 | 20.62539 | 39.42154 | .2258667 | .0124785 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6021757 | .1741042 | 1.335295 | 8.071428 | F 13.37823 | .0735882 |
| Stddev | .7065429 | .0070372 | .024660  | .126418  | .07496     | .0030299 |
| %RSD   | 117.3317 | 4.041953 | 1.846746 | 1.566237 | .5603204   | 4.117374 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9407744 | .1795412 | 1.312139 | 8.107200 | 13.29264 | .0762890 |
| #2 | -.209943 | .1766155 | 1.361224 | 8.176106 | 13.40988 | .0741638 |
| #3 | 1.075695 | .1661558 | 1.332522 | 7.930979 | 13.43218 | .0703118 |

Sample Name: P4940-03      Acquired: 12/12/2024 17:24:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHS9      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0079632 | 3.165669 | 8.584054 | .0863767 | 1.219139 | .0885089 |
| Stddev    | .0006796 | .017886  | .086868  | .0012528 | .009924  | .0011156 |
| %RSD      | 8.533877 | .5649855 | 1.011971 | 1.450336 | .8140205 | 1.260495 |
| #1        | .0087052 | 3.145254 | 8.669809 | .0872990 | 1.229520 | .0894932 |
| #2        | .0078133 | 3.173173 | 8.586238 | .0868806 | 1.218151 | .0887365 |
| #3        | .0073711 | 3.178580 | 8.496114 | .0849504 | 1.209746 | .0872970 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .1062302 |          |          |          |          |          |
| Stddev    | .0010866 |          |          |          |          |          |
| %RSD      | 1.022913 |          |          |          |          |          |
| #1        | .1071419 |          |          |          |          |          |
| #2        | .1065210 |          |          |          |          |          |
| #3        | .1050277 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 3027.667 | 30648.38 | 3396.408 | 2210.177 | 2987.184 |          |
| Stddev    | 6.026    | 596.31   | 31.810   | 50.741   | 14.314   |          |
| %RSD      | .1990232 | 1.945637 | .9365820 | 2.295807 | .4791798 |          |
| #1        | 3034.183 | 31332.47 | 3365.963 | 2268.564 | 3003.668 |          |
| #2        | 3022.295 | 30238.52 | 3393.833 | 2176.753 | 2977.895 |          |
| #3        | 3026.524 | 30374.15 | 3429.427 | 2185.214 | 2979.989 |          |

Sample Name: P4940-04      Acquired: 12/12/2024 17:28:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1630800 | .0146236 | 1.459579 | .0104442 | .0001296 | 70.94319 |
| Stddev | .0048326 | .0018462 | .008273  | .0043442 | .0010279 | 2.86007  |
| %RSD   | 2.963312 | 12.62490 | .5668047 | 41.59396 | 793.3571 | 4.031493 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1684779 | .0158979 | 1.469104 | .0066891 | -.000935 | 70.36779 |
| #2 | .1591560 | .0125064 | 1.455443 | .0152020 | .001116  | 74.04721 |
| #3 | .1616061 | .0154666 | 1.454189 | .0094415 | .000208  | 68.41456 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.483654 | .0053990 | .0077124 | 113.6133 | .1100706 | .1578366 |
| Stddev | .096769  | .0003914 | .0003015 | 4.2908   | .0007043 | .0008069 |
| %RSD   | 3.896220 | 7.249148 | 3.909227 | 3.776647 | .6398130 | .5111981 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.469473 | .0052770 | .0078285 | 112.4612 | .1093233 | .1587653 |
| #2 | 2.586730 | .0058368 | .0073702 | 118.3625 | .1101666 | .1573078 |
| #3 | 2.394758 | .0050831 | .0079387 | 110.0162 | .1107220 | .1574367 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3020769 | 185.1619 | 28.99922 | 44.82276 | .2025403 | .0120167 |
| Stddev | .0172467 | 7.3737   | 1.17008  | 1.89079  | .0014294 | .0005569 |
| %RSD   | 5.709369 | 3.982321 | 4.034861 | 4.218365 | .7057104 | 4.634284 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3020917 | 184.2163 | 28.75220 | 44.58741 | .2041743 | .0121257 |
| #2 | .3193161 | 192.9629 | 30.27308 | 46.82021 | .2015223 | .0125110 |
| #3 | .2848228 | 178.3066 | 27.97237 | 43.06067 | .2019241 | .0114133 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | -.151573 | .1690695 | 1.020919 | 5.283845 | F 13.39065 | .0709277 |
| Stddev | .466268  | .0062551 | .007221  | .462523  | .07082     | .0048860 |
| %RSD   | 307.6191 | 3.699702 | .7073303 | 8.753538 | .5288686   | 6.888764 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.334636 | .1664144 | 1.017041 | 5.281123 | 13.47180 | .0709408 |
| #2 | .378446  | .1762142 | 1.029251 | 5.747723 | 13.34136 | .0758072 |
| #3 | -.498530 | .1645800 | 1.016465 | 4.822688 | 13.35878 | .0660351 |

Sample Name: P4940-04      Acquired: 12/12/2024 17:28:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0084020 | 2.929059 | 8.720264 | .0452723 | 1.006496 | .0562092 |
| Stddev | .0002683 | .015678  | .313665  | .0008929 | .038313  | .0024956 |
| %RSD   | 3.193354 | .5352488 | 3.596962 | 1.972221 | 3.806605 | 4.439907 |
| #1     | .0083704 | 2.946806 | 8.626686 | .0449268 | .999358  | .0555704 |
| #2     | .0086848 | 2.917093 | 9.070067 | .0462863 | 1.047877 | .0589622 |
| #3     | .0081510 | 2.923277 | 8.464038 | .0446038 | .972254  | .0540951 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1079371 |
| Stddev | .0047921 |
| %RSD   | 4.439701 |
| #1     | .1030274 |
| #2     | .1126022 |
| #3     | .1081816 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3081.566 | 30722.16 | 3400.610 | 2203.489 | 3008.379 |
| Stddev    | 13.288   | 192.48   | 119.619  | 10.142   | 17.349   |
| %RSD      | .4312216 | .6265228 | 3.517584 | .4602851 | .5766778 |
| #1        | 3066.492 | 30921.46 | 3421.367 | 2211.204 | 2988.431 |
| #2        | 3086.618 | 30537.32 | 3271.970 | 2192.001 | 3019.945 |
| #3        | 3091.587 | 30707.70 | 3508.492 | 2207.261 | 3016.762 |

Sample Name: P4940-05      Acquired: 12/12/2024 17:31:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1386372 | .0156173 | 1.030212 | -.008543 | -.005204   | 58.49876 |
| Stddev | .0038245 | .0025265 | .006884  | .004195  | .000718    | .11026   |
| %RSD   | 2.758636 | 16.17760 | .6682262 | 49.10798 | 13.78773   | .1884831 |
| #1     | .1344780 | .0162042 | 1.027353 | -.005142 | -.005862   | 58.61305 |
| #2     | .1394313 | .0177988 | 1.025218 | -.007255 | -.004439   | 58.39302 |
| #3     | .1420023 | .0128490 | 1.038065 | -.013231 | -.005310   | 58.49022 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.902342 | .0050725 | .0066699 | 394.5617 | .1209894   | .1412997 |
| Stddev | .003483  | .0000107 | .0000798 | 1.0860   | .0009438   | .0009105 |
| %RSD   | .1830937 | .2105677 | 1.196022 | .2752458 | .7800406   | .6443653 |
| #1     | 1.903201 | .0050615 | .0065778 | 393.7716 | .1220789   | .1404111 |
| #2     | 1.898510 | .0050732 | .0067183 | 394.1133 | .1204235   | .1412574 |
| #3     | 1.905315 | .0050828 | .0067135 | 395.8001 | .1204658   | .1422306 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2443148 | 164.2987 | 18.46728 | 92.88807 | .1955251   | .0083611 |
| Stddev | .0064269 | .6274    | .04049   | .33406   | .0013026   | .0012121 |
| %RSD   | 2.630586 | .3818553 | .2192315 | .3596421 | .6662166   | 14.49678 |
| #1     | .2373087 | 164.4567 | 18.47834 | 93.22734 | .1959130   | .0090009 |
| #2     | .2456987 | 163.6075 | 18.42242 | 92.55947 | .1940726   | .0069632 |
| #3     | .2499371 | 164.8321 | 18.50109 | 92.87741 | .1965897   | .0091194 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .5207979 | .1568517 | .7683425 | 4.716391 | F 16.53726 | .0576743 |
| Stddev | .1944486 | .0022736 | .0052350 | .064932  | .07270     | .0015462 |
| %RSD   | 37.33668 | 1.449513 | .6813323 | 1.376724 | .4396383   | 2.680930 |
| #1     | .4816900 | .1578098 | .7658571 | 4.773408 | 16.48358   | .0565875 |
| #2     | .7318282 | .1584894 | .7743572 | 4.645717 | 16.50820   | .0569910 |
| #3     | .3488755 | .1542559 | .7648132 | 4.730049 | 16.62000   | .0594445 |

Sample Name: P4940-05      Acquired: 12/12/2024 17:31:59      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056483 | 2.920094 | 8.414922 | .0381499 | .9220125 | .2495892 |
| Stddev | .0003470 | .018534  | .032154  | .0004621 | .0040077 | .0003876 |
| %RSD   | 6.142695 | .6347185 | .3821108 | 1.211414 | .4346721 | .1553025 |
| #1     | .0052476 | 2.904513 | 8.451935 | .0385244 | .9240998 | .2500015 |
| #2     | .0058464 | 2.915178 | 8.398957 | .0382918 | .9173920 | .2492321 |
| #3     | .0058507 | 2.940590 | 8.393875 | .0376334 | .9245458 | .2495341 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1009096 |
| Stddev | .0011066 |
| %RSD   | 1.096641 |
| #1     | .1008140 |
| #2     | .1020610 |
| #3     | .0998539 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2967.125 | 29812.63 | 3396.011 | 2136.767 | 2801.147 |
| Stddev    | 4.251    | 169.94   | 2.210    | 7.912    | 4.058    |
| %RSD      | .1432697 | .5700324 | .0650836 | .3702585 | .1448602 |
| #1        | 2962.809 | 29809.20 | 3393.520 | 2133.297 | 2800.406 |
| #2        | 2967.259 | 29984.26 | 3397.738 | 2145.821 | 2805.524 |
| #3        | 2971.308 | 29644.43 | 3396.774 | 2131.184 | 2797.511 |

Sample Name: P4940-06      Acquired: 12/12/2024 17:35:54      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHHT2      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1521487 | .0083894 | 3.628618 | .0029962 | -.000249   | 65.04382 |
| Stddev | .0041258 | .0010046 | .034732  | .0011641 | .000614    | .77695   |
| %RSD   | 2.711697 | 11.97410 | .9571591 | 38.85238 | 246.5385   | 1.194500 |
| #1     | .1529759 | .0094302 | 3.597751 | .0031918 | -.000249   | 65.03724 |
| #2     | .1557983 | .0074256 | 3.621876 | .0040501 | -.000863   | 64.27019 |
| #3     | .1476720 | .0083123 | 3.666226 | .0017467 | .000365    | 65.82404 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.227648 | .0062864 | .0098069 | 141.1920 | .1479854   | .1270965 |
| Stddev | .026204  | .0000907 | .0002411 | 1.2671   | .0020447   | .0012649 |
| %RSD   | 1.176320 | 1.443189 | 2.458577 | .8974203 | 1.381710   | .9952454 |
| #1     | 2.227484 | .0063306 | .0097094 | 140.7978 | .1465943   | .1262953 |
| #2     | 2.201527 | .0063466 | .0096298 | 140.1689 | .1470288   | .1264394 |
| #3     | 2.253934 | .0061820 | .0100815 | 142.6093 | .1503331   | .1285548 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4615403 | 174.8880 | 15.96746 | 41.16735 | .2374564   | .0102248 |
| Stddev | .0056123 | 1.8934   | .18367   | .50735   | .0025786   | .0009126 |
| %RSD   | 1.215983 | 1.082664 | 1.150291 | 1.232409 | 1.085918   | 8.925244 |
| #1     | .4634490 | 174.5584 | 15.94889 | 41.06381 | .2350523   | .0098673 |
| #2     | .4552227 | 173.1810 | 15.79379 | 40.71975 | .2371372   | .0095451 |
| #3     | .4659493 | 176.9246 | 16.15972 | 41.71848 | .2401798   | .0112620 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4274788 | .1770126 | 2.175603 | 9.616934 | F 17.15879 | .0765350 |
| Stddev | .3375499 | .0029166 | .024490  | .160592  | .14706     | .0029815 |
| %RSD   | 78.96297 | 1.647686 | 1.125669 | 1.669893 | .8570361   | 3.895652 |
| #1     | .6906808 | .1793535 | 2.173077 | 9.723446 | 17.02280   | .0747847 |
| #2     | .5448426 | .1737453 | 2.152474 | 9.432220 | 17.13871   | .0748428 |
| #3     | .0469129 | .1779391 | 2.201258 | 9.695137 | 17.31486   | .0799777 |



Sample Name: P4940-06      Acquired: 12/12/2024 17:35:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT2      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0080634 | 4.975218 | 8.302165 | .1100358 | 1.191752 | .2262183 |
| Stddev    | .0002634 | .051382  | .055613  | .0016542 | .009187  | .0024035 |
| %RSD      | 3.267047 | 1.032764 | .6698663 | 1.503330 | .7708680 | 1.062448 |
| #1        | .0081763 | 4.926044 | 8.297719 | .1119459 | 1.196984 | .2264462 |
| #2        | .0077624 | 4.971057 | 8.248907 | .1090802 | 1.181144 | .2237090 |
| #3        | .0082516 | 5.028555 | 8.359867 | .1090813 | 1.197128 | .2284997 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .1005487 |          |          |          |          |          |
| Stddev    | .0024543 |          |          |          |          |          |
| %RSD      | 2.440912 |          |          |          |          |          |
| #1        | .1033826 |          |          |          |          |          |
| #2        | .0991183 |          |          |          |          |          |
| #3        | .0991451 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2969.478 | 29526.89 | 3360.155 | 2136.568 | 2975.841 |          |
| Stddev    | 14.838   | 202.03   | 12.254   | 12.611   | 25.116   |          |
| %RSD      | .4996911 | .6842348 | .3646919 | .5902352 | .8439950 |          |
| #1        | 2985.617 | 29572.00 | 3357.300 | 2140.715 | 3000.805 |          |
| #2        | 2966.390 | 29702.56 | 3373.585 | 2146.582 | 2976.140 |          |
| #3        | 2956.426 | 29306.12 | 3349.580 | 2122.405 | 2950.576 |          |

Sample Name: CCV002      Acquired: 12/12/2024 17:44:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.077932 | 4.796418 | 24.46657 | 4.780431 | 4.784026 | 400.6894 | 10.20485 |
| Stddev | .013713  | .017849  | .08889   | .012478  | .029272  | 2.6346   | .05250   |
| %RSD   | .2700429 | .3721232 | .3633108 | .2610258 | .6118683 | .6575292 | .5144635 |
| #1     | 5.082398 | 4.804860 | 24.52883 | 4.786032 | 4.807323 | 397.6499 | 10.14423 |
| #2     | 5.062543 | 4.775914 | 24.36477 | 4.766134 | 4.751169 | 402.0975 | 10.23521 |
| #3     | 5.088855 | 4.808479 | 24.50612 | 4.789128 | 4.793585 | 402.3208 | 10.23512 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5122948 | 2.470596 | 408.3589 | 15.21304 | 2.436576 | 15.20594 | 412.1707 |
| Stddev | .0017130 | .010679  | .9567    | .14600   | .008562  | .04653   | 1.9138   |
| %RSD   | .3343779 | .4322246 | .2342886 | .9597290 | .3514075 | .3060308 | .4643287 |
| #1     | .5105002 | 2.479392 | 407.4740 | 15.09404 | 2.444368 | 15.16763 | 410.0183 |
| #2     | .5124720 | 2.458714 | 408.2287 | 15.37596 | 2.427410 | 15.19247 | 412.8131 |
| #3     | .5139124 | 2.473682 | 409.3741 | 15.16911 | 2.437950 | 15.25772 | 413.6806 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.28603 | 404.4544 | 2.483571 | 1.259536 | 400.5583 | 2.562849 | 13.88865 |
| Stddev | .09736   | 2.2734   | .008981  | .010307  | 2.0498   | .020037  | .15562   |
| %RSD   | .6368904 | .5620803 | .3616208 | .8182792 | .5117474 | .7818339 | 1.120513 |
| #1     | 15.17793 | 401.8371 | 2.489420 | 1.250840 | 398.3030 | 2.539718 | 13.83604 |
| #2     | 15.31338 | 405.5881 | 2.473230 | 1.270920 | 401.0637 | 2.574879 | 14.06376 |
| #3     | 15.36679 | 405.9380 | 2.488062 | 1.256847 | 402.3082 | 2.573949 | 13.76615 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 151.7661 | 4.947655 | 5.020230 | 4.787161 | 4.940301 | 5.096367 | 5.005472 |
| Stddev | 1.2489   | .020166  | .032145  | .018729  | .018756  | .044636  | .019321  |
| %RSD   | .8228863 | .4075820 | .6403175 | .3912340 | .3796486 | .8758317 | .3859944 |
| #1     | 150.3270 | 4.959795 | 4.986581 | 4.800954 | 4.960689 | 5.052009 | 5.020226 |
| #2     | 152.4044 | 4.924376 | 5.023484 | 4.765839 | 4.923780 | 5.095818 | 4.983602 |
| #3     | 152.5667 | 4.958792 | 5.050624 | 4.794690 | 4.936436 | 5.141275 | 5.012587 |

Sample Name: CCV002      Acquired: 12/12/2024 17:44:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.128419 | 4.819043 | 5.028314 |
| Stddev | .019733  | .024285  | .010970  |
| %RSD   | .3847704 | .5039350 | .2181665 |
| #1     | 5.106195 | 4.792620 | 5.015811 |
| #2     | 5.143884 | 4.824126 | 5.032805 |
| #3     | 5.135177 | 4.840385 | 5.036325 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2052.833 | 22099.71 | 2585.693 | 1476.290 | 2571.275 |
| Stddev    | 5.107    | 175.72   | 12.923   | 15.413   | 6.917    |
| %RSD      | .2487833 | .7951427 | .4997853 | 1.044069 | .2690288 |
| #1        | 2047.380 | 22187.83 | 2598.356 | 1480.993 | 2564.508 |
| #2        | 2057.504 | 21897.36 | 2586.199 | 1459.073 | 2578.334 |
| #3        | 2053.615 | 22213.93 | 2572.525 | 1488.805 | 2570.983 |

Sample Name: CCB002      Acquired: 12/12/2024 17:48:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000204 | -.001544 | .0033339 | -.001438 | -.000188 | .0437678 |
| Stddev | .002007  | .002342  | .0010874 | .002318  | .001690  | .0124312 |
| %RSD   | 982.1151 | 151.7390 | 32.61719 | 161.2280 | 900.2188 | 28.40252 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001819 | -.001115 | .0043158 | -.002438 | -.000759 | .0579267 |
| #2 | .002043  | .000555  | .0035209 | .001213  | .001714  | .0346441 |
| #3 | -.000837 | -.004071 | .0021651 | -.003088 | -.001518 | .0387328 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000377 | -.000000 | -.000008 | -.044763 | -.001111 | -.000196 |
| Stddev | .000846  | .000063  | .000046  | .018020  | .000322  | .000243  |
| %RSD   | 224.5358 | 13575.29 | 564.2156 | 40.25674 | 29.02753 | 123.5528 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000999 | .000036  | .000045  | -.049220 | -.000739 | -.000474 |
| #2 | .000586  | .000036  | -.000037 | -.024932 | -.001272 | -.000023 |
| #3 | -.000718 | -.000073 | -.000031 | -.060136 | -.001320 | -.000093 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003940 | -.004642 | -.000580 | .0586791 | -.001079 | .0010213 |
| Stddev | .004163  | .011205  | .000628  | .0112288 | .000619  | .0004743 |
| %RSD   | 105.6686 | 241.3871 | 108.3762 | 19.13599 | 57.33832 | 46.44642 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .000726  | -.016250 | -.000919 | .0634505 | -.001296 | .0012524 |
| #2 | -.005271 | -.003788 | .000145  | .0458526 | -.001560 | .0004757 |
| #3 | -.007274 | .006112  | -.000966 | .0667344 | -.000381 | .0013358 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2196952 | .0030793 | -.003689 | .4880924 | -.003341 | .0046158 |
| Stddev | .6601813 | .0057459 | .002097  | .0945254 | .001581  | .0012210 |
| %RSD   | 300.4987 | 186.5963 | 56.84298 | 19.36630 | 47.33462 | 26.45331 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1056145 | .0036578 | -.005805 | .4916862 | -.002898 | .0036513 |
| #2 | .9294825 | .0085140 | -.001611 | .3918213 | -.002028 | .0059887 |
| #3 | -.376011 | -.002934 | -.003651 | .5807696 | -.005096 | .0042075 |

Sample Name: CCB002      Acquired: 12/12/2024 17:48:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB002      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000056 | -.002650 | .0017609 | .0008466 | .0030950 | -.000085 |
| Stddev | .000732  | .001260  | .0011708 | .0008928 | .0026229 | .000342  |
| %RSD   | 1302.355 | 47.53937 | 66.48607 | 105.4531 | 84.74617 | 400.7815 |
| #1     | .000683  | -.001231 | .0004117 | .0018516 | .0034635 | .000203  |
| #2     | -.000070 | -.003080 | .0023622 | .0001452 | .0055142 | .000005  |
| #3     | -.000782 | -.003637 | .0025089 | .0005431 | .0003074 | -.000463 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0190781 |
| Stddev | .0054228   |
| %RSD   | 28.42447   |
| #1     | .0173153   |
| #2     | .0251630   |
| #3     | .0147560   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2404.700 | 23816.65 | 2605.946 | 1740.904 | 3198.806 |
| Stddev    | 12.514   | 132.22   | 23.326   | 13.123   | 15.258   |
| %RSD      | .5204094 | .5551472 | .8950913 | .7538285 | .4769838 |
| #1        | 2397.562 | 23921.45 | 2614.223 | 1750.947 | 3187.044 |
| #2        | 2419.150 | 23668.11 | 2579.610 | 1726.055 | 3216.047 |
| #3        | 2397.387 | 23860.40 | 2624.003 | 1745.709 | 3193.328 |

Sample Name: P4940-07      Acquired: 12/12/2024 17:52:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1741636 | .0075150 | 3.608184 | .0086660 | .0029295 | 70.27956 |
| Stddev | .0028141 | .0004512 | .022083  | .0024864 | .0025539 | 2.32352  |
| %RSD   | 1.615783 | 6.003963 | .6120310 | 28.69208 | 87.17781 | 3.306111 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1720521 | .0079264 | 3.616511 | .0058045 | .0053194 | 67.63613 |
| #2 | .1730803 | .0070324 | 3.624894 | .0098932 | .0002383 | 71.99872 |
| #3 | .1773583 | .0075862 | 3.583148 | .0103003 | .0032309 | 71.20383 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.713870 | .0072395 | .0104299 | 124.5668 | .1392135 | .1359684 |
| Stddev | .086364  | .0002278 | .0001555 | 3.7406   | .0013161 | .0011278 |
| %RSD   | 3.182322 | 3.146549 | 1.490832 | 3.002895 | .9453623 | .8294302 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.615442 | .0070105 | .0105746 | 120.3570 | .1389026 | .1359321 |
| #2 | 2.776964 | .0072420 | .0102655 | 127.5087 | .1406572 | .1371138 |
| #3 | 2.749206 | .0074661 | .0104496 | 125.8345 | .1380807 | .1348592 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5729302 | 213.6157 | 17.65568 | 46.23304 | .2425296 | .0129123 |
| Stddev | .0129085 | 6.7801   | .55977   | 1.48197  | .0020626 | .0002595 |
| %RSD   | 2.253070 | 3.173975 | 3.170490 | 3.205433 | .8504605 | 2.009934 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5611860 | 205.9053 | 17.02136 | 44.60195 | .2427752 | .0126126 |
| #2 | .5867512 | 218.6466 | 18.08039 | 47.49678 | .2444585 | .0130571 |
| #3 | .5708533 | 216.2951 | 17.86530 | 46.60041 | .2403552 | .0130670 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6036631 | .1997411 | 2.305245 | 9.009163 | F 16.36357 | .0861362 |
| Stddev | .4728875 | .0172676 | .037127  | .469223  | .09613     | .0066002 |
| %RSD   | 78.33633 | 8.644987 | 1.610550 | 5.208286 | .5874676   | 7.662531 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0623668 | .1806739 | 2.279630 | 8.484048 | 16.42478 | .0788654 |
| #2 | .8120907 | .2042248 | 2.347823 | 9.387308 | 16.41316 | .0917500 |
| #3 | .9365317 | .2143246 | 2.288281 | 9.156134 | 16.25277 | .0877934 |

Sample Name: P4940-07      Acquired: 12/12/2024 17:52:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0082574 | 4.146202 | 8.606660 | .1085477 | 1.242139 | .1836777 |
| Stddev | .0002210 | .026617  | .185991  | .0011726 | .040307  | .0060520 |
| %RSD   | 2.675881 | .6419514 | 2.161016 | 1.080244 | 3.244926 | 3.294880 |
| #1     | .0082391 | 4.156604 | 8.391896 | .1091069 | 1.196860 | .1767952 |
| #2     | .0080462 | 4.166047 | 8.713952 | .1093360 | 1.274103 | .1881677 |
| #3     | .0084870 | 4.115955 | 8.714133 | .1072002 | 1.255455 | .1860702 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1139658 |
| Stddev | .0073774 |
| %RSD   | 6.473387 |
| #1     | .1056558 |
| #2     | .1197439 |
| #3     | .1164976 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2996.063 | 29688.16 | 3207.516 | 2138.162 | 3039.300 |
| Stddev    | 23.020   | 373.84   | 68.174   | 30.624   | 30.226   |
| %RSD      | .7683459 | 1.259208 | 2.125455 | 1.432250 | .9945164 |
| #1        | 2982.366 | 29669.17 | 3285.239 | 2135.976 | 3021.751 |
| #2        | 2983.182 | 29324.19 | 3157.831 | 2108.690 | 3021.947 |
| #3        | 3022.640 | 30071.13 | 3179.479 | 2169.821 | 3074.202 |

Sample Name: P4940-08      Acquired: 12/12/2024 17:56:06      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHHT4      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1568225 | .0092952 | 3.186789 | .0024555 | -.001126   | 61.22316 |
| Stddev | .0014382 | .0013966 | .025591  | .0018404 | .001742    | 1.18464  |
| %RSD   | .9171051 | 15.02497 | .8030407 | 74.95118 | 154.8118   | 1.934953 |
| #1     | .1551793 | .0078014 | 3.192897 | .0041947 | -.002964   | 59.89083 |
| #2     | .1574362 | .0095160 | 3.158696 | .0005283 | .000501    | 61.62092 |
| #3     | .1578521 | .0105683 | 3.208773 | .0026435 | -.000913   | 62.15773 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.034404 | .0059779 | .0092269 | 114.6303 | .1215359   | .1197360 |
| Stddev | .036119  | .0000983 | .0001711 | 1.9693   | .0031905   | .0005921 |
| %RSD   | 1.775417 | 1.643670 | 1.854159 | 1.717979 | 2.625179   | .4944915 |
| #1     | 1.993232 | .0058645 | .0093814 | 112.3566 | .1217490   | .1201472 |
| #2     | 2.049230 | .0060357 | .0090430 | 115.7342 | .1246146   | .1190574 |
| #3     | 2.060752 | .0060336 | .0092561 | 115.8000 | .1182442   | .1200035 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4275990 | 169.6194 | 15.08734 | 36.27296 | .2103794   | .0098415 |
| Stddev | .0138323 | 3.1894   | .27935   | .73272   | .0013879   | .0008279 |
| %RSD   | 3.234874 | 1.880317 | 1.851582 | 2.020020 | .6597219   | 8.412789 |
| #1     | .4122901 | 165.9454 | 14.76477 | 35.42905 | .2114433   | .0095505 |
| #2     | .4313086 | 171.2356 | 15.24755 | 36.64248 | .2088094   | .0091982 |
| #3     | .4391982 | 171.6771 | 15.24969 | 36.74734 | .2108853   | .0107756 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9120344 | .1633707 | 1.835872 | 6.976483 | F 14.27936 | .0626579 |
| Stddev | .3692353 | .0021809 | .020603  | .362613  | .11065     | .0017686 |
| %RSD   | 40.48480 | 1.334955 | 1.122242 | 5.197643 | .7749202   | 2.822669 |
| #1     | .5961170 | .1616866 | 1.850974 | 6.558188 | 14.34219   | .0619991 |
| #2     | .8220378 | .1658343 | 1.844240 | 7.169514 | 14.15159   | .0613132 |
| #3     | 1.317948 | .1625913 | 1.812401 | 7.201748 | 14.34430   | .0646614 |



Sample Name: P4940-08      Acquired: 12/12/2024 17:56:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074390 | 3.271795 | 8.892694 | .1280882 | 1.123987 | .1568832 |
| Stddev | .0005579 | .023888  | .228675  | .0004257 | .025172  | .0023421 |
| %RSD   | 7.499306 | .7301046 | 2.571491 | .3323421 | 2.239505 | 1.492879 |
| #1     | .0068792 | 3.290356 | 8.662013 | .1277380 | 1.095423 | .1541863 |
| #2     | .0074427 | 3.244844 | 9.119309 | .1279645 | 1.133613 | .1580575 |
| #3     | .0079950 | 3.280184 | 8.896760 | .1285620 | 1.142925 | .1584058 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1015437 |
| Stddev | .0028473 |
| %RSD   | 2.804050 |
| #1     | .0983726 |
| #2     | .1023777 |
| #3     | .1038810 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2927.388 | 29195.15 | 3281.638 | 2114.641 | 2983.410 |
| Stddev    | 12.003   | 352.68   | 65.540   | 27.445   | 15.377   |
| %RSD      | .4100248 | 1.207999 | 1.997162 | 1.297872 | .5154247 |
| #1        | 2923.680 | 29090.77 | 3357.011 | 2112.927 | 2976.806 |
| #2        | 2940.807 | 28906.44 | 3238.069 | 2088.093 | 3000.986 |
| #3        | 2917.676 | 29588.23 | 3249.834 | 2142.903 | 2972.438 |

Sample Name: P4940-09      Acquired: 12/12/2024 18:00:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2167497 | .0090200 | 2.047340 | .0071989 | .0035688   | 72.08541 |
| Stddev | .0038050 | .0004548 | .009782  | .0031380 | .0008562   | .49471   |
| %RSD   | 1.755495 | 5.042474 | .4778060 | 43.58998 | 23.99004   | .6862869 |
| #1     | .2123633 | .0085525 | 2.058588 | .0054930 | .0031203   | 71.62399 |
| #2     | .2187246 | .0090467 | 2.040817 | .0108204 | .0045560   | 72.60777 |
| #3     | .2191613 | .0094609 | 2.042616 | .0052834 | .0030301   | 72.02447 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 2.326990 | .0073631 | .0122434 | 185.3908 | .1280993   | .1634927 |
| Stddev | .017465  | .0000726 | .0001490 | 1.1988   | .0016510   | .0014190 |
| %RSD   | .7505206 | .9854271 | 1.216661 | .6466277 | 1.288866   | .8679010 |
| #1     | 2.312228 | .0072898 | .0123435 | 184.6466 | .1299265   | .1647835 |
| #2     | 2.346270 | .0073645 | .0123145 | 186.7737 | .1276567   | .1637213 |
| #3     | 2.322473 | .0074349 | .0120722 | 184.7522 | .1267146   | .1619733 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3832610 | 285.8636 | 23.86531 | 46.80217 | .2811853   | .0153006 |
| Stddev | .0038220 | 1.8728   | .16245   | .08680   | .0026862   | .0011941 |
| %RSD   | .9972178 | .6551237 | .6806973 | .1854598 | .9553069   | 7.804189 |
| #1     | .3860356 | 284.5399 | 23.73611 | 46.76693 | .2842848   | .0140280 |
| #2     | .3789015 | 288.0063 | 24.04768 | 46.90104 | .2797370   | .0163964 |
| #3     | .3848458 | 285.0444 | 23.81214 | 46.73853 | .2795341   | .0154774 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3470355 | .2152365 | 1.517862 | 7.538620 | F 19.26075 | .0795289 |
| Stddev | .1746950 | .0080055 | .024696  | .052213  | .08229     | .0020067 |
| %RSD   | 50.33922 | 3.719410 | 1.627048 | .6926109 | .4272583   | 2.523175 |
| #1     | .4979455 | .2141350 | 1.545403 | 7.498889 | 19.35558   | .0796244 |
| #2     | .1556583 | .2078387 | 1.510497 | 7.597758 | 19.21864   | .0814861 |
| #3     | .3875028 | .2237357 | 1.497685 | 7.519211 | 19.20803   | .0774762 |

Sample Name: P4940-09      Acquired: 12/12/2024 18:00:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHT5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086722 | 3.342363 | 8.297269 | .0996708 | 1.126884 | .0852707 |
| Stddev | .0000811 | .014175  | .070951  | .0010976 | .008840  | .0007183 |
| %RSD   | .9352520 | .4241023 | .8551118 | 1.101271 | .7844908 | .8424113 |
| #1     | .0087107 | 3.358141 | 8.215453 | .1004056 | 1.117325 | .0844451 |
| #2     | .0087270 | 3.330703 | 8.341865 | .1001977 | 1.134765 | .0857528 |
| #3     | .0085791 | 3.338246 | 8.334490 | .0984090 | 1.128563 | .0856142 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1151544 |
| Stddev | .0015801 |
| %RSD   | 1.372140 |
| #1     | .1167628 |
| #2     | .1150963 |
| #3     | .1136042 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3161.783 | 31854.64 | 3608.318 | 2300.706 | 2946.461 |
| Stddev    | 11.847   | 427.75   | 21.303   | 34.338   | 17.288   |
| %RSD      | .3747078 | 1.342811 | .5903785 | 1.492485 | .5867386 |
| #1        | 3148.537 | 31391.96 | 3632.723 | 2261.573 | 2927.014 |
| #2        | 3165.441 | 31936.26 | 3593.453 | 2314.746 | 2952.282 |
| #3        | 3171.370 | 32235.69 | 3598.778 | 2325.798 | 2960.087 |

Sample Name: P4940-10      Acquired: 12/12/2024 18:03:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW1      Custom ID2:      Custom ID3:  
Comment:

|        |           |          |          |          |            |          |
|--------|-----------|----------|----------|----------|------------|----------|
| Elem   | As1890    | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1569194  | .0092548 | .9130596 | -.005125 | -.001192   | 67.97032 |
| Stddev | .0006712  | .0020297 | .0050557 | .002400  | .003859    | .68929   |
| %RSD   | .4277604  | 21.93159 | .5537137 | 46.83438 | 323.6894   | 1.014107 |
| #1     | .1572246  | .0071633 | .9076137 | -.002738 | -.004847   | 68.52603 |
| #2     | .1561498  | .0093846 | .9139612 | -.005098 | -.001572   | 68.18595 |
| #3     | .1573838  | .0112165 | .9176039 | -.007538 | .002843    | 67.19899 |
| Elem   | Ba4934    | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .9687498  | .0064672 | .0054778 | 142.5001 | .1419284   | .0976600 |
| Stddev | .01110035 | .0000982 | .0000689 | 1.4189   | .0012738   | .0002034 |
| %RSD   | 1.135846  | 1.518079 | 1.258248 | .9957436 | .8975253   | .2083162 |
| #1     | .9776495  | .0063598 | .0053999 | 143.9878 | .1407300   | .0978567 |
| #2     | .9721532  | .0065523 | .0055024 | 142.3508 | .1432662   | .0976729 |
| #3     | .9564466  | .0064896 | .0055309 | 141.1618 | .1417889   | .0974504 |
| Elem   | Cu3247    | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .3010729  | 126.7596 | 10.89315 | 39.62863 | .1515888   | .0102289 |
| Stddev | .0056037  | 1.4411   | .13427   | .37416   | .0008951   | .0003826 |
| %RSD   | 1.861251  | 1.136851 | 1.232586 | .9441692 | .5904940   | 3.740347 |
| #1     | .3022639  | 127.8436 | 10.99426 | 39.93345 | .1524376   | .0106613 |
| #2     | .3059853  | 127.3110 | 10.94437 | 39.74139 | .1506536   | .0100910 |
| #3     | .2949694  | 125.1243 | 10.74081 | 39.21106 | .1516752   | .0099343 |
| Elem   | Na8183    | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm       | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.241137  | .1300102 | .9824183 | 5.968831 | F 10.78796 | .1053506 |
| Stddev | .170449   | .0092996 | .0143772 | .122595  | .05422     | .0002815 |
| %RSD   | 13.73331  | 7.152953 | 1.463454 | 2.053912 | .5026373   | .2671922 |
| #1     | 1.047407  | .1305312 | .9811140 | 6.091813 | 10.74055   | .1055264 |
| #2     | 1.368075  | .1390383 | .9974032 | 5.968052 | 10.77623   | .1054994 |
| #3     | 1.307928  | .1204611 | .9687376 | 5.846627 | 10.84708   | .1050259 |

Sample Name: P4940-10      Acquired: 12/12/2024 18:03:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051153 | 4.590396 | 11.65424 | .0481349 | 1.367729 | .1436565 |
| Stddev | .0001456 | .022159  | .07917   | .0001865 | .016546  | .0019601 |
| %RSD   | 2.846740 | .4827204 | .6793456 | .3874207 | 1.209751 | 1.364424 |
| #1     | .0050057 | 4.566339 | 11.72761 | .0482475 | 1.381978 | .1457991 |
| #2     | .0050596 | 4.594880 | 11.57032 | .0482376 | 1.371625 | .1432167 |
| #3     | .0052805 | 4.609971 | 11.66478 | .0479197 | 1.349582 | .1419536 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0961169 |
| Stddev | .0026511 |
| %RSD   | 2.758237 |
| #1     | .0985581 |
| #2     | .0932967 |
| #3     | .0964960 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2800.726 | 28042.33 | 3127.680 | 2026.662 | 3009.711 |
| Stddev    | 8.521    | 259.36   | 24.125   | 16.966   | 13.664   |
| %RSD      | .3042357 | .9249023 | .7713233 | .8371281 | .4539897 |
| #1        | 2805.850 | 28138.36 | 3100.104 | 2029.849 | 3016.637 |
| #2        | 2805.438 | 27748.64 | 3138.054 | 2008.328 | 3018.525 |
| #3        | 2790.890 | 28239.98 | 3144.883 | 2041.808 | 2993.971 |

Sample Name: P4940-11      Acquired: 12/12/2024 18:07:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1672805 | .0073070 | 1.026780 | .0010177 | -.000083 | 67.07727 | .8828421 |
| Stddev | .0002330 | .0004974 | .035227  | .0029365 | .001182  | 1.43747  | .0181202 |
| %RSD   | .1392765 | 6.806622 | 3.430797 | 288.5477 | 1432.017 | 2.143010 | 2.052479 |
| #1     | .1670848 | .0069324 | .986311  | .0042078 | .000395  | 67.59246 | .8892121 |
| #2     | .1675382 | .0071173 | 1.050561 | -.001572 | -.001429 | 65.45319 | .8623971 |
| #3     | .1672186 | .0078713 | 1.043469 | .000418  | .000786  | 68.18615 | .8969170 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056251 | .0059145 | 101.9782 | .1384103 | .1038013 | .3119517 | 152.7401 |
| Stddev | .0000626 | .0002282 | 2.0222   | .0026821 | .0043119 | .0050384 | 2.8927   |
| %RSD   | 1.111946 | 3.858121 | 1.982937 | 1.937807 | 4.154037 | 1.615119 | 1.893879 |
| #1     | .0055529 | .0056883 | 102.8981 | .1369076 | .0988996 | .3102209 | 154.2960 |
| #2     | .0056641 | .0061446 | 99.6597  | .1368165 | .1070092 | .3080067 | 149.4024 |
| #3     | .0056581 | .0059106 | 103.3769 | .1415069 | .1054950 | .3176273 | 154.5218 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.53541 | 35.03100 | .1834908 | .0105921 | .4728439 | .1571535 | 1.126075 |
| Stddev | .21658   | .63737   | .0068493 | .0003083 | .3066487 | .0049616 | .011682  |
| %RSD   | 1.877501 | 1.819451 | 3.732795 | 2.911077 | 64.85198 | 3.157170 | 1.037414 |
| #1     | 11.62475 | 35.25279 | .1756370 | .0102371 | .5270814 | .1564371 | 1.120662 |
| #2     | 11.28846 | 34.31236 | .1882253 | .0107459 | .7487551 | .1525890 | 1.118081 |
| #3     | 11.69303 | 35.52784 | .1866101 | .0107932 | .1426953 | .1624343 | 1.139482 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.108420 | 7.460423 | .0528431 | .0057253 | 3.159752 | 8.763546 | .0467101 |
| Stddev | .266889  | .249699  | .0033138 | .0004542 | .107226  | .115559  | .0014288 |
| %RSD   | 8.585988 | 3.346983 | 6.271020 | 7.932826 | 3.393501 | 1.318627 | 3.058771 |
| #1     | 3.143233 | 7.172133 | .0558027 | .0052385 | 3.036151 | 8.726109 | .0458247 |
| #2     | 2.825833 | 7.608604 | .0492628 | .0057998 | 3.227832 | 8.671347 | .0459473 |
| #3     | 3.356194 | 7.600532 | .0534638 | .0061376 | 3.215274 | 8.893182 | .0483584 |

Sample Name: P4940-11      Acquired: 12/12/2024 18:07:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.173055 | .0392483 | .0913730 |
| Stddev | .016998  | .0008983 | .0024455 |
| %RSD   | 1.449033 | 2.288827 | 2.676347 |
| #1     | 1.180100 | .0394101 | .0941799 |
| #2     | 1.153667 | .0382801 | .0902366 |
| #3     | 1.185398 | .0400548 | .0897025 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2880.086 | 28528.11 | 3229.238 | 2064.804 | 3101.293 |
| Stddev    | 66.935   | 450.07   | 50.182   | 34.028   | 88.986   |
| %RSD      | 2.324049 | 1.577631 | 1.554002 | 1.648023 | 2.869333 |
| #1        | 2957.256 | 28494.10 | 3215.316 | 2078.658 | 3203.758 |
| #2        | 2837.787 | 28994.22 | 3284.912 | 2089.721 | 3043.407 |
| #3        | 2845.214 | 28096.02 | 3187.487 | 2026.034 | 3056.714 |

Sample Name: P4940-12      Acquired: 12/12/2024 18:11:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1257104 | .0074038 | 1.094019 | -.004153 | .0002103 | 65.18131 | .8559832 |
| Stddev | .0006913 | .0035050 | .018047  | .002793  | .0005675 | .34603   | .0063583 |
| %RSD   | .5499464 | 47.34079 | 1.649632 | 67.26063 | 269.8310 | .5308723 | .7428117 |
| #1     | .1255742 | .0036182 | 1.080662 | -.001685 | -.000435 | 65.46229 | .8610711 |
| #2     | .1250974 | .0105364 | 1.114550 | -.007185 | .000632  | 65.28683 | .8580234 |
| #3     | .1264598 | .0080569 | 1.086845 | -.003589 | .000434  | 64.79480 | .8488552 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056178 | .0062461 | 137.0014 | .1137550 | .1043296 | .2601114 | 152.8666 |
| Stddev | .0000128 | .0002153 | 1.0386   | .0008480 | .0020541 | .0024797 | .9001    |
| %RSD   | .2281341 | 3.446975 | .7581033 | .7455000 | 1.968855 | .9533170 | .5888345 |
| #1     | .0056040 | .0059987 | 138.0012 | .1134657 | .1024188 | .2572683 | 153.6400 |
| #2     | .0056292 | .0063910 | 137.0750 | .1130894 | .1065019 | .2618267 | 153.0813 |
| #3     | .0056203 | .0063485 | 135.9279 | .1147098 | .1040681 | .2612393 | 151.8785 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.65954 | 34.38054 | .1866235 | .0085536 | .5909760 | .1530519 | 1.165732 |
| Stddev | .07895   | .26026   | .0042729 | .0004311 | .1641706 | .0015994 | .011161  |
| %RSD   | .6236208 | .7569952 | 2.289585 | 5.039765 | 27.77956 | 1.045031 | .9574261 |
| #1     | 12.72217 | 34.61719 | .1846333 | .0090481 | .7657792 | .1525648 | 1.173338 |
| #2     | 12.68559 | 34.42264 | .1915285 | .0083556 | .4400539 | .1517526 | 1.152919 |
| #3     | 12.57086 | 34.10180 | .1837088 | .0082571 | .5670949 | .1548382 | 1.170939 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.479172 | 5.404992 | .0458595 | .0051901 | 2.236074 | 8.508948 | .0474348 |
| Stddev | .045059  | .096736  | .0028570 | .0003414 | .025936  | .007995  | .0004621 |
| %RSD   | 1.295113 | 1.789762 | 6.230003 | 6.578163 | 1.159890 | .0939553 | .9740948 |
| #1     | 3.514235 | 5.324773 | .0433592 | .0049486 | 2.213532 | 8.510600 | .0469276 |
| #2     | 3.428350 | 5.512419 | .0489736 | .0050410 | 2.264421 | 8.515988 | .0478317 |
| #3     | 3.494931 | 5.377785 | .0452458 | .0055807 | 2.230270 | 8.500257 | .0475451 |



Sample Name: P4940-12      Acquired: 12/12/2024 18:11:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW3      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.182370 | .0350826 | .0899415 |
| Stddev | .005288  | .0000733 | .0039071 |
| %RSD   | .4472451 | .2089664 | 4.344055 |
| #1     | 1.185146 | .0350992 | .0906869 |
| #2     | 1.185692 | .0351462 | .0857155 |
| #3     | 1.176272 | .0350024 | .0934223 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2831.589 | 27983.27 | 3192.349 | 2023.566 | 3049.492 |
| Stddev    | 37.302   | 321.31   | 14.865   | 27.418   | 52.953   |
| %RSD      | 1.317348 | 1.148207 | .4656325 | 1.354940 | 1.736439 |
| #1        | 2864.449 | 27977.15 | 3208.638 | 2023.844 | 3100.516 |
| #2        | 2791.043 | 28307.59 | 3179.519 | 2050.845 | 2994.802 |
| #3        | 2839.275 | 27665.06 | 3188.889 | 1996.010 | 3053.159 |

Sample Name: P4940-13      Acquired: 12/12/2024 18:15:40      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHHW4      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1306737 | .0020062 | .5676050 | .0107389 | .0006921 | 68.46676 | .6845526 |
| Stddev | .0031023 | .0030296 | .0028768 | .0024370 | .0017445 | .97334   | .0110556 |
| %RSD   | 2.374105 | 151.0107 | .5068250 | 22.69344 | 252.0395 | 1.421621 | 1.615005 |
| #1     | .1273795 | .0020461 | .5708546 | .0084813 | .0026768 | 69.38763 | .6949211 |
| #2     | .1335397 | -.001043 | .5653837 | .0104127 | -.000002 | 67.44830 | .6729188 |
| #3     | .1311020 | .005016  | .5665767 | .0133225 | -.000599 | 68.56435 | .6858178 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0056844 | .0046396 | 37.67468 | .1100671 | .1147137 | .1788281 | 159.4381 |
| Stddev | .0001008 | .0000422 | .53088   | .0008061 | .0005189 | .0027243 | 2.1908   |
| %RSD   | 1.774000 | .9090697 | 1.409111 | .7323458 | .4523820 | 1.523430 | 1.374094 |
| #1     | .0057959 | .0046656 | 38.16152 | .1096699 | .1152033 | .1771560 | 161.4698 |
| #2     | .0056580 | .0046622 | 37.10866 | .1109946 | .1141697 | .1773566 | 157.1169 |
| #3     | .0055994 | .0045909 | 37.75385 | .1095367 | .1147680 | .1819717 | 159.7276 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.73533 | 20.49955 | .1485617 | .0089099 | .5905563 | .1524825 | .4906557 |
| Stddev | .20594   | .25833   | .0009295 | .0006614 | .2396416 | .0051884 | .0017407 |
| %RSD   | 1.308766 | 1.260188 | .6256393 | 7.423462 | 40.57896 | 3.402643 | .3547711 |
| #1     | 15.93818 | 20.74779 | .1489809 | .0095402 | .3227240 | .1556401 | .4895524 |
| #2     | 15.52643 | 20.23219 | .1474965 | .0089681 | .6642438 | .1553131 | .4926624 |
| #3     | 15.74139 | 20.51866 | .1492077 | .0082212 | .7847012 | .1464944 | .4897523 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.894147 | 3.544698 | .0335781 | .0055877 | 1.277000 | 8.394048 | .0308035 |
| Stddev | .071200  | .006271  | .0011609 | .0002156 | .001909  | .102062  | .0010805 |
| %RSD   | 3.758930 | .1769174 | 3.457263 | 3.858116 | .1495264 | 1.215880 | 3.507722 |
| #1     | 1.951678 | 3.551926 | .0344934 | .0055135 | 1.277664 | 8.502658 | .0305732 |
| #2     | 1.814519 | 3.541463 | .0322723 | .0058305 | 1.278489 | 8.300127 | .0298567 |
| #3     | 1.916244 | 3.540705 | .0339686 | .0054189 | 1.274847 | 8.379358 | .0319806 |

Sample Name: P4940-13      Acquired: 12/12/2024 18:15:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.292146 | -.055290 | .0700637 |
| Stddev | .019387  | .000432  | .0055665 |
| %RSD   | 1.500388 | .7808471 | 7.944962 |
| #1     | 1.309826 | -.055637 | .0724198 |
| #2     | 1.271414 | -.054807 | .0637066 |
| #3     | 1.295198 | -.055427 | .0740648 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2899.353 | 28851.02 | 3228.834 | 2086.197 | 3123.141 |
| Stddev    | 16.247   | 157.55   | 35.154   | 15.083   | 15.418   |
| %RSD      | .5603716 | .5460668 | 1.088744 | .7229852 | .4936652 |
| #1        | 2882.079 | 28987.31 | 3195.564 | 2094.603 | 3107.342 |
| #2        | 2914.329 | 28678.52 | 3265.609 | 2068.784 | 3138.147 |
| #3        | 2901.652 | 28887.22 | 3225.330 | 2095.202 | 3123.934 |

Sample Name: P4940-14      Acquired: 12/12/2024 18:19:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1256138 | -.000654 | .5380177 | .0075667 | .0019016 | 69.89492 | .7082454 |
| Stddev | .0022757 | .000391  | .0080827 | .0051202 | .0002646 | 2.20180  | .0205467 |
| %RSD   | 1.811656 | 59.76178 | 1.502314 | 67.66748 | 13.91649 | 3.150152 | 2.901078 |
| #1     | .1272090 | -.000847 | .5287528 | .0020533 | .0017760 | 67.47445 | .6859323 |
| #2     | .1266246 | -.000909 | .5416746 | .0121723 | .0022056 | 71.77887 | .7263851 |
| #3     | .1230078 | -.000204 | .5436257 | .0084744 | .0017231 | 70.43144 | .7124189 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054899 | .0044884 | 36.06729 | .1119568 | .1232359 | .1732730 | 162.1112 |
| Stddev | .0001402 | .0001114 | 1.06150  | .0004004 | .0021359 | .0071217 | 5.1345   |
| %RSD   | 2.554557 | 2.481444 | 2.943097 | .3575916 | 1.733177 | 4.110073 | 3.167258 |
| #1     | .0053843 | .0043879 | 34.88248 | .1122897 | .1207766 | .1650891 | 156.3988 |
| #2     | .0056490 | .0044692 | 36.93162 | .1120682 | .1243050 | .1780614 | 166.3419 |
| #3     | .0054365 | .0046082 | 36.38777 | .1115125 | .1246262 | .1766686 | 163.5929 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.97303 | 20.62495 | .1532436 | .0086375 | .7200008 | .1431063 | .5187034 |
| Stddev | .48490   | .59745   | .0025319 | .0005458 | .3305272 | .0077327 | .0116108 |
| %RSD   | 3.035753 | 2.896759 | 1.652238 | 6.318729 | 45.90650 | 5.403483 | 2.238420 |
| #1     | 15.43603 | 19.98844 | .1504117 | .0080491 | .3988132 | .1357646 | .5210637 |
| #2     | 16.37885 | 21.17362 | .1552890 | .0091272 | .7020530 | .1423760 | .5289527 |
| #3     | 16.10420 | 20.71277 | .1540300 | .0087363 | 1.059136 | .1511782 | .5060938 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.097664 | 3.563089 | .0342225 | .0057607 | 1.279556 | 8.543511 | .0315830 |
| Stddev | .312297  | .061951  | .0058843 | .0001217 | .014610  | .187040  | .0021833 |
| %RSD   | 14.88784 | 1.738695 | 17.19430 | 2.112105 | 1.141801 | 2.189265 | 6.913002 |
| #1     | 1.759132 | 3.491575 | .0280618 | .0056324 | 1.263240 | 8.327536 | .0296110 |
| #2     | 2.374525 | 3.597346 | .0397847 | .0058744 | 1.284000 | 8.651228 | .0339293 |
| #3     | 2.159335 | 3.600346 | .0348211 | .0057754 | 1.291428 | 8.651770 | .0312086 |

Sample Name: P4940-14      Acquired: 12/12/2024 18:19:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHW5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.213383 | -.060877 | .0772719 |
| Stddev | .033204  | .002262  | .0034887 |
| %RSD   | 2.736515 | 3.714894 | 4.514846 |
| #1     | 1.175605 | -.058265 | .0736786 |
| #2     | 1.237944 | -.062168 | .0774914 |
| #3     | 1.226599 | -.062197 | .0806456 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2920.440 | 28795.11 | 3239.840 | 2088.850 | 3141.777 |
| Stddev    | 34.373   | 232.24   | 74.109   | 17.125   | 46.374   |
| %RSD      | 1.176964 | .8065200 | 2.287441 | .8198514 | 1.476041 |
| #1        | 2959.945 | 28677.06 | 3324.844 | 2076.343 | 3195.049 |
| #2        | 2903.996 | 28645.61 | 3188.795 | 2081.837 | 3119.841 |
| #3        | 2897.378 | 29062.66 | 3205.881 | 2108.368 | 3110.440 |

Sample Name: P4940-15      Acquired: 12/12/2024 18:23:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1733831 | .0075212 | 1.072366 | -.000925 | -.000072 | 71.44085 | .9503296 |
| Stddev | .0016062 | .0013957 | .005905  | .005055  | .000718  | .31886   | .0053821 |
| %RSD   | .9263806 | 18.55685 | .5506711 | 546.7091 | 995.1577 | .4463292 | .5663387 |
| #1     | .1752354 | .0063807 | 1.074523 | .000182  | -.000880 | 71.63368 | .9548830 |
| #2     | .1723760 | .0071053 | 1.065685 | -.006441 | .000171  | 71.07280 | .9443900 |
| #3     | .1725378 | .0090775 | 1.076889 | .003485  | .000492  | 71.61608 | .9517158 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0058263 | .0063935 | 105.7425 | .1397100 | .1106940 | .3255603 | 159.3182 |
| Stddev | .0000912 | .0000608 | .3796    | .0004177 | .0005810 | .0104894 | .8577    |
| %RSD   | 1.565261 | .9513448 | .3589544 | .2989986 | .5248766 | 3.221946 | .5383699 |
| #1     | .0058737 | .0063276 | 105.8371 | .1401816 | .1106565 | .3172638 | 159.8568 |
| #2     | .0057212 | .0064474 | 105.3246 | .1395618 | .1101327 | .3373507 | 158.3291 |
| #3     | .0058841 | .0064057 | 106.0659 | .1393866 | .1112929 | .3220663 | 159.7687 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.52594 | 37.09588 | .1954107 | .0117771 | .1922520 | .1621567 | 1.158046 |
| Stddev | .05223   | .20377   | .0010283 | .0010068 | .1038551 | .0129822 | .008084  |
| %RSD   | .4169689 | .5493133 | .5262001 | 8.548511 | 54.02030 | 8.005979 | .6980593 |
| #1     | 12.54433 | 37.32893 | .1947987 | .0129344 | .1856572 | .1561054 | 1.166849 |
| #2     | 12.46701 | 36.95125 | .1948356 | .0111036 | .2992473 | .1533050 | 1.150957 |
| #3     | 12.56649 | 37.00747 | .1965978 | .0112932 | .0918514 | .1770599 | 1.156331 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.002592 | 7.824089 | .0521489 | .0049223 | 3.214822 | 8.001517 | .0409206 |
| Stddev | .053655  | .032249  | .0021585 | .0000308 | .015349  | .023986  | .0019072 |
| %RSD   | 1.340515 | .4121735 | 4.139055 | .6250305 | .4774462 | .2997712 | 4.660608 |
| #1     | 4.054503 | 7.814695 | .0546398 | .0049166 | 3.211851 | 8.017922 | .0391960 |
| #2     | 3.947348 | 7.797580 | .0509781 | .0049556 | 3.201175 | 7.973988 | .0405970 |
| #3     | 4.005925 | 7.859992 | .0508288 | .0048948 | 3.231439 | 8.012641 | .0429689 |

Sample Name: P4940-15      Acquired: 12/12/2024 18:23:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8734044 | .0446010 | .1005894 |
| Stddev | .0050072 | .0002677 | .0017750 |
| %RSD   | .5732976 | .6002190 | 1.764643 |
| #1     | .8782481 | .0443532 | .0985419 |
| #2     | .8682483 | .0445650 | .1015311 |
| #3     | .8737168 | .0448849 | .1016951 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2844.725 | 28370.60 | 3202.816 | 2055.951 | 3030.556 |
| Stddev    | 6.624    | 138.48   | 13.261   | 15.438   | 6.204    |
| %RSD      | .2328665 | .4881192 | .4140501 | .7508746 | .2047175 |
| #1        | 2852.229 | 28251.41 | 3188.399 | 2043.364 | 3037.702 |
| #2        | 2839.688 | 28522.51 | 3214.493 | 2073.176 | 3027.426 |
| #3        | 2842.258 | 28337.89 | 3205.557 | 2051.313 | 3026.541 |

Sample Name: P4940-19      Acquired: 12/12/2024 18:27:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0381781 | .0175432 | .9689206 | -.034524 | -.010036 | 39.34424 |
| Stddev | .0021591 | .0015651 | .0127025 | .005750  | .000912  | .20720   |
| %RSD   | 5.655455 | 8.921395 | 1.310998 | 16.65570 | 9.087170 | .5266374 |
| #1     | .0396986 | .0165421 | .9543507 | -.027891 | -.009542 | 39.25532 |
| #2     | .0391290 | .0167407 | .9747411 | -.038103 | -.011089 | 39.58106 |
| #3     | .0357067 | .0193468 | .9776699 | -.037577 | -.009479 | 39.19634 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4499159 | .0038191 | .0052977 | F 1084.591 | .0689072 | .0879466 |
| Stddev | .0027262 | .0000913 | .0000844 | 5.703      | .0019996 | .0009530 |
| %RSD   | .6059285 | 2.389944 | 1.593219 | .5258143   | 2.901926 | 1.083627 |
| #1     | .4501155 | .0037812 | .0052164 | 1082.209   | .0670646 | .0868470 |
| #2     | .4525368 | .0039232 | .0052917 | 1091.099   | .0686236 | .0885323 |
| #3     | .4470954 | .0037528 | .0053849 | 1080.466   | .0710336 | .0884606 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1647243 | 109.2505 | 7.833620 | 531.3727 | .1228981 | .0066123 |
| Stddev | .0053476 | .8305    | .048099  | 2.5632   | .0019502 | .0004787 |
| %RSD   | 3.246388 | .7601362 | .6140022 | .4823751 | 1.586834 | 7.238842 |
| #1     | .1654446 | 108.8557 | 7.834380 | 529.5248 | .1206552 | .0060659 |
| #2     | .1696752 | 110.2047 | 7.881333 | 534.2989 | .1238455 | .0068135 |
| #3     | .1590530 | 108.6911 | 7.785145 | 530.2944 | .1241936 | .0069575 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8681102 | .0805081 | 1.053851 | 6.373727 | 4.634179 | .0984424 |
| Stddev | .3616864 | .0107939 | .017166  | .210550  | .066513  | .0015466 |
| %RSD   | 41.66365 | 13.40717 | 1.628882 | 3.303398 | 1.435260 | 1.571037 |
| #1     | 1.165219 | .0685027 | 1.044821 | 6.452428 | 4.558074 | .0966992 |
| #2     | .465367  | .0836109 | 1.043084 | 6.533589 | 4.663290 | .0989782 |
| #3     | .973745  | .0894107 | 1.073647 | 6.135164 | 4.681173 | .0996498 |



Sample Name: P4940-19      Acquired: 12/12/2024 18:27:31      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHX9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001365 | 12.90736 | 9.500399 | .0509374 | .5717035 | .4522207 |
| Stddev | .0005657 | .16800   | .047446  | .0001585 | .0059916 | .0022153 |
| %RSD   | 414.4538 | 1.301583 | .4994132 | .3110646 | 1.048031 | .4898629 |
| #1     | -.000106 | 12.71446 | 9.459907 | .0508819 | .5763251 | .4519059 |
| #2     | -.000267 | 12.98604 | 9.552605 | .0508142 | .5649340 | .4545765 |
| #3     | .000783  | 13.02158 | 9.488686 | .0511161 | .5738513 | .4501796 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1163723 |
| Stddev | .0029303 |
| %RSD   | 2.518077 |
| #1     | .1161012 |
| #2     | .1194288 |
| #3     | .1135870 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2337.604 | 24264.04 | 2822.298 | 1733.198 | 2460.218 |
| Stddev    | 26.220   | 409.56   | 12.263   | 29.511   | 29.768   |
| %RSD      | 1.121662 | 1.687923 | .4345005 | 1.702677 | 1.209969 |
| #1        | 2367.153 | 24581.04 | 2828.653 | 1756.170 | 2494.309 |
| #2        | 2328.544 | 24409.46 | 2808.162 | 1743.509 | 2446.974 |
| #3        | 2317.116 | 23801.61 | 2830.078 | 1699.915 | 2439.370 |

Sample Name: P4940-20      Acquired: 12/12/2024 18:31:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0593655 | .0101794 | 1.730773 | -.023610 | -.006953 | 63.23092 | .8592753 |
| Stddev | .0017916 | .0028823 | .052991  | .004274  | .002391  | .12130   | .0004764 |
| %RSD   | 3.017930 | 28.31536 | 3.061720 | 18.10434 | 34.39491 | .1918347 | .0554407 |
| #1     | .0613809 | .0089616 | 1.674725 | -.019592 | -.004678 | 63.19978 | .8597397 |
| #2     | .0587619 | .0081058 | 1.780059 | -.028101 | -.009446 | 63.36475 | .8592985 |
| #3     | .0579536 | .0134707 | 1.737535 | -.023137 | -.006735 | 63.12823 | .8587878 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051195 | .0058637 | 680.3228 | .1054630 | .1052886 | .2649998 | 142.7449 |
| Stddev | .0001987 | .0004246 | 2.7248   | .0034198 | .0029322 | .0063942 | .3641    |
| %RSD   | 3.880538 | 7.240626 | .4005196 | 3.242606 | 2.784921 | 2.412896 | .2550887 |
| #1     | .0049570 | .0054510 | 682.1137 | .1083541 | .1020393 | .2602428 | 143.1532 |
| #2     | .0050606 | .0062992 | 677.1870 | .1016881 | .1077374 | .2624882 | 142.6280 |
| #3     | .0053410 | .0058411 | 681.6678 | .1063468 | .1060892 | .2722685 | 142.4536 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.653051 | 230.6662 | .1759819 | .0071948 | .6119771 | .1363349 | 1.250674 |
| Stddev | .011336  | .0367    | .0058882 | .0009512 | .6928654 | .0061726 | .043339  |
| %RSD   | .1481293 | .0158944 | 3.345928 | 13.22123 | 113.2176 | 4.527540 | 3.465268 |
| #1     | 7.665497 | 230.6253 | .1699318 | .0081911 | -.084747 | .1303287 | 1.279435 |
| #2     | 7.643316 | 230.6775 | .1816937 | .0070972 | .619761  | .1360145 | 1.200827 |
| #3     | 7.650339 | 230.6960 | .1763202 | .0062961 | 1.300918 | .1426615 | 1.271760 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.120227 | 7.925330 | .0557657 | .0016056 | 4.202706 | 8.589364 | .0926800 |
| Stddev | .057050  | .241459  | .0019064 | .0000774 | .139062  | .023676  | .0029700 |
| %RSD   | 1.114216 | 3.046671 | 3.418587 | 4.820065 | 3.308880 | .2756395 | 3.204545 |
| #1     | 5.097822 | 7.664154 | .0559876 | .0015501 | 4.052874 | 8.610315 | .0892699 |
| #2     | 5.185079 | 8.140432 | .0537580 | .0016940 | 4.327634 | 8.594098 | .0947000 |
| #3     | 5.077780 | 7.971403 | .0575514 | .0015727 | 4.227608 | 8.563679 | .0940700 |

Sample Name: P4940-20      Acquired: 12/12/2024 18:31:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.147043 | .4196861 | .1264875 |
| Stddev | .005057  | .0002600 | .0009618 |
| %RSD   | .4408817 | .0619569 | .7604212 |
| #1     | 1.147418 | .4194493 | .1259651 |
| #2     | 1.151902 | .4196447 | .1275975 |
| #3     | 1.141809 | .4199644 | .1258998 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2603.256 | 26398.12 | 3042.657 | 1891.233 | 2661.776 |
| Stddev    | 55.990   | 850.02   | 8.431    | 59.605   | 70.225   |
| %RSD      | 2.150786 | 3.220019 | .2770985 | 3.151653 | 2.638268 |
| #1        | 2666.937 | 25851.09 | 3033.022 | 1848.537 | 2739.210 |
| #2        | 2561.746 | 27377.40 | 3046.271 | 1959.331 | 2602.213 |
| #3        | 2581.084 | 25965.86 | 3048.679 | 1865.831 | 2643.906 |

Sample Name: P4940-21      Acquired: 12/12/2024 18:35:24      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHHY1      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0502808 | .0122425 | .3315427 | -.026621   | -.007001 | 58.52596 |
| Stddev | .0028291 | .0026177 | .0121773 | .003948    | .001645  | 1.22215  |
| %RSD   | 5.626619 | 21.38203 | 3.672913 | 14.82954   | 23.50287 | 2.088220 |
| #1     | .0507352 | .0152282 | .3314559 | -.030841   | -.005411 | 58.99692 |
| #2     | .0528552 | .0103418 | .3194091 | -.026001   | -.008696 | 57.13840 |
| #3     | .0472520 | .0111574 | .3437631 | -.023019   | -.006895 | 59.44257 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5246646 | .0046947 | .0056805 | F 823.0867 | .0841096 | .1138894 |
| Stddev | .0100369 | .0002080 | .0001695 | 15.4374    | .0020492 | .0027991 |
| %RSD   | 1.913002 | 4.431192 | 2.982976 | 1.875544   | 2.436340 | 2.457715 |
| #1     | .5281467 | .0045781 | .0057040 | 826.0395   | .0863451 | .1136499 |
| #2     | .5133505 | .0045711 | .0055006 | 806.3862   | .0836634 | .1112177 |
| #3     | .5324967 | .0049348 | .0058370 | 836.8343   | .0823203 | .1168005 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1895835 | 143.6695 | 9.890891 | 186.6935   | .1715173 | .0068459 |
| Stddev | .0086018 | 2.9391   | .196632  | 3.7064     | .0045621 | .0003679 |
| %RSD   | 4.537210 | 2.045708 | 1.988007 | 1.985310   | 2.659870 | 5.373828 |
| #1     | .1949622 | 144.6775 | 9.956036 | 187.9170   | .1707346 | .0066785 |
| #2     | .1796628 | 140.3591 | 9.669954 | 182.5300   | .1673971 | .0065915 |
| #3     | .1941255 | 145.9719 | 10.04668 | 189.6336   | .1764201 | .0072677 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.188656 | .1339715 | .8066359 | 5.357687   | 7.438281 | .0504212 |
| Stddev | .354941  | .0126535 | .0207534 | .294231    | .181295  | .0006710 |
| %RSD   | 29.86065 | 9.444883 | 2.572832 | 5.491751   | 2.437329 | 1.330802 |
| #1     | 1.165064 | .1260874 | .8268428 | 5.537432   | 7.442914 | .0500236 |
| #2     | 1.554805 | .1272603 | .8076889 | 5.018134   | 7.254714 | .0500441 |
| #3     | .846101  | .1485667 | .7853761 | 5.517496   | 7.617215 | .0511959 |

Sample Name: P4940-21      Acquired: 12/12/2024 18:35:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007163 | 3.043845 | 8.217179 | .0371942 | 1.039052 | .6024782 |
| Stddev | .0002362 | .076373  | .166012  | .0004485 | .017752  | .0119553 |
| %RSD   | 32.97489 | 2.509107 | 2.020308 | 1.205767 | 1.708517 | 1.984350 |
| #1     | .0006404 | 3.064940 | 8.285469 | .0372481 | 1.040083 | .6052530 |
| #2     | .0009812 | 2.959142 | 8.027913 | .0367212 | 1.020806 | .5893795 |
| #3     | .0005274 | 3.107454 | 8.338154 | .0376133 | 1.056265 | .6128021 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1280819 |
| Stddev | .0024861 |
| %RSD   | 1.941049 |
| #1     | .1308027 |
| #2     | .1259286 |
| #3     | .1275143 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2714.404 | 27447.83 | 3220.771 | 1972.451 | 2671.900 |
| Stddev    | 42.340   | 677.57   | 64.283   | 54.252   | 62.617   |
| %RSD      | 1.559825 | 2.468587 | 1.995888 | 2.750499 | 2.343536 |
| #1        | 2714.275 | 26722.95 | 3210.195 | 1920.486 | 2672.731 |
| #2        | 2756.809 | 27555.30 | 3289.686 | 1968.133 | 2734.097 |
| #3        | 2672.129 | 28065.25 | 3162.432 | 2028.733 | 2608.871 |

Sample Name: P4940-22      Acquired: 12/12/2024 18:39:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0445075 | .0131371 | .2154686 | -.015983 | -.006201 | 57.45147 | .4333046 |
| Stddev | .0060038 | .0014697 | .0041441 | .006654  | .001631  | .47576   | .0048076 |
| %RSD   | 13.48936 | 11.18723 | 1.923282 | 41.63402 | 26.29789 | .8281121 | 1.109527 |
| #1     | .0504072 | .0139658 | .2121707 | -.018236 | -.004859 | 56.94309 | .4281967 |
| #2     | .0384048 | .0114402 | .2201203 | -.021219 | -.005729 | 57.52536 | .4339757 |
| #3     | .0447105 | .0140053 | .2141148 | -.008495 | -.008016 | 57.88597 | .4377414 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048714 | .0038706 | 464.9470 | .0819870 | .1002752 | .1462120 | 134.8978 |
| Stddev | .0002307 | .0000264 | 3.5485   | .0002580 | .0003545 | .0044568 | .9795    |
| %RSD   | 4.735314 | .6813729 | .7632013 | .3146549 | .3534886 | 3.048155 | .7261105 |
| #1     | .0049565 | .0038421 | 461.7625 | .0821954 | .1006761 | .1435999 | 133.8947 |
| #2     | .0046102 | .0038753 | 464.3065 | .0820672 | .1001465 | .1513580 | 134.9469 |
| #3     | .0050473 | .0038943 | 468.7722 | .0816985 | .1000032 | .1436780 | 135.8518 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 8.471567 | 111.9401 | .1485828 | .0051749 | .4230077 | .1267997 | .5507683 |
| Stddev | .058560  | 1.0483   | .0017591 | .0009024 | .3362761 | .0085673 | .0065140 |
| %RSD   | .6912553 | .9365134 | 1.183954 | 17.43713 | 79.49645 | 6.756582 | 1.182719 |
| #1     | 8.414856 | 110.7966 | .1485205 | .0056227 | .2128932 | .1172987 | .5577553 |
| #2     | 8.468029 | 112.1680 | .1468556 | .0041362 | .2452743 | .1339372 | .5448625 |
| #3     | 8.531816 | 112.8558 | .1503722 | .0057658 | .8108555 | .1291631 | .5496872 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.871573 | 6.328829 | .0462419 | .0008415 | 2.357028 | 8.381435 | .0282696 |
| Stddev | .330407  | .007096  | .0003688 | .0003084 | .003292  | .050802  | .0007137 |
| %RSD   | 6.782346 | .1121161 | .7975212 | 36.65414 | .1396616 | .6061290 | 2.524612 |
| #1     | 4.584401 | 6.320674 | .0459174 | .0008223 | 2.353728 | 8.322865 | .0289960 |
| #2     | 4.797632 | 6.333594 | .0466429 | .0005431 | 2.360312 | 8.407880 | .0282435 |
| #3     | 5.232686 | 6.332218 | .0461653 | .0011591 | 2.357045 | 8.413559 | .0275693 |

Sample Name: P4940-22      Acquired: 12/12/2024 18:39:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHY2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.113157 | .2914529 | .1051499 |
| Stddev | .012225  | .0022986 | .0013469 |
| %RSD   | 1.098235 | .7886696 | 1.280902 |
| #1     | 1.100636 | .2895201 | .1056978 |
| #2     | 1.113773 | .2908440 | .1036155 |
| #3     | 1.125063 | .2939947 | .1061365 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2731.281 | 27511.70 | 3132.480 | 1962.655 | 2772.095 |
| Stddev    | 6.247    | 93.16    | 13.073   | 6.300    | 6.680    |
| %RSD      | .2287345 | .3386337 | .4173289 | .3209691 | .2409685 |
| #1        | 2733.713 | 27420.14 | 3143.804 | 1956.797 | 2775.487 |
| #2        | 2735.947 | 27508.59 | 3135.461 | 1961.849 | 2776.398 |
| #3        | 2724.184 | 27606.39 | 3118.174 | 1969.318 | 2764.400 |

Sample Name: P4963-01      Acquired: 12/12/2024 18:43:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1076275 | .0063241 | 3.489447 | -.003948 | -.001667 | 80.44667 | 1.105929 |
| Stddev | .0006905 | .0020013 | .005605  | .002604  | .001327  | 1.60929  | .022254  |
| %RSD   | .6415832 | 31.64481 | .1606284 | 65.95619 | 79.61305 | 2.000440 | 2.012281 |
| #1     | .1068313 | .0080344 | 3.487364 | -.003675 | -.003168 | 80.54003 | 1.109909 |
| #2     | .1080624 | .0041231 | 3.485182 | -.006677 | -.000649 | 82.00724 | 1.125925 |
| #3     | .1079889 | .0068148 | 3.495796 | -.001491 | -.001184 | 78.79273 | 1.081953 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069765 | .0056996 | 145.3007 | .1304471 | .1204277 | .2024392 | 196.1002 |
| Stddev | .0001161 | .0001279 | 3.0985   | .0013544 | .0007034 | .0069691 | 3.9909   |
| %RSD   | 1.664667 | 2.244810 | 2.132498 | 1.038262 | .5841143 | 3.442561 | 2.035129 |
| #1     | .0068424 | .0055860 | 145.6916 | .1291483 | .1202549 | .2075355 | 196.6718 |
| #2     | .0070422 | .0056747 | 148.1853 | .1303419 | .1198267 | .2052845 | 199.7744 |
| #3     | .0070448 | .0058382 | 142.0253 | .1318510 | .1212014 | .1944976 | 191.8543 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.50868 | 49.77376 | .2172334 | .0081070 | .9691329 | .1777514 | 1.011422 |
| Stddev | .20216   | .93691   | .0015095 | .0014258 | .2309800 | .0063130 | .008039  |
| %RSD   | 1.923709 | 1.882327 | .6948623 | 17.58773 | 23.83368 | 3.551599 | .7948517 |
| #1     | 10.54486 | 49.88841 | .2178976 | .0083296 | .8426596 | .1805864 | 1.002970 |
| #2     | 10.69030 | 50.64807 | .2155058 | .0094085 | 1.235729 | .1821499 | 1.018973 |
| #3     | 10.29087 | 48.78481 | .2182969 | .0065830 | .829010  | .1705178 | 1.012322 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.945012 | 8.848446 | .0540791 | .0048863 | 3.290679 | 8.341737 | .1926830 |
| Stddev | .419379  | .026461  | .0020409 | .0007220 | .019717  | .089736  | .0003492 |
| %RSD   | 8.480844 | .2990447 | 3.773961 | 14.77669 | .5991693 | 1.075745 | .1812238 |
| #1     | 5.201656 | 8.840264 | .0546217 | .0047067 | 3.270114 | 8.391289 | .1926695 |
| #2     | 5.172328 | 8.827043 | .0557939 | .0042711 | 3.292502 | 8.395770 | .1923408 |
| #3     | 4.461051 | 8.878032 | .0518217 | .0056812 | 3.309420 | 8.238151 | .1930388 |



Sample Name: P4963-01      Acquired: 12/12/2024 18:43:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.430792 | .0513185 | .1197161 |
| Stddev | .033383  | .0015696 | .0040111 |
| %RSD   | 2.333206 | 3.058617 | 3.350467 |
| #1     | 1.440957 | .0506753 | .1221096 |
| #2     | 1.457911 | .0531076 | .1219532 |
| #3     | 1.393507 | .0501726 | .1150854 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2882.726 | 28669.11 | 3283.167 | 2068.767 | 2977.983 |
| Stddev    | 12.470   | 217.40   | 52.349   | 12.142   | 9.199    |
| %RSD      | .4325620 | .7583188 | 1.594466 | .5869417 | .3089090 |
| #1        | 2871.894 | 28911.85 | 3262.083 | 2081.945 | 2969.829 |
| #2        | 2896.357 | 28492.32 | 3244.647 | 2058.030 | 2987.956 |
| #3        | 2879.927 | 28603.15 | 3342.770 | 2066.327 | 2976.165 |

Sample Name: P4963-02      Acquired: 12/12/2024 18:47:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1241459 | .0038329 | 3.169432 | -.004844 | .0023490 | 80.99309 | 1.017835 |
| Stddev | .0016353 | .0020471 | .071350  | .004325  | .0010677 | 1.91301  | .024847  |
| %RSD   | 1.317241 | 53.40866 | 2.251177 | 89.29216 | 45.45092 | 2.361942 | 2.441190 |
| #1     | .1256960 | .0020970 | 3.165249 | -.004758 | .0034406 | 81.28497 | 1.024302 |
| #2     | .1224370 | .0033113 | 3.242781 | -.009211 | .0022994 | 78.95092 | .990394  |
| #3     | .1243048 | .0060903 | 3.100266 | -.000562 | .0013070 | 82.74339 | 1.038809 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0072339 | .0079163 | 144.8585 | .1315601 | .1322045 | .2089565 | 206.9686 |
| Stddev | .0001587 | .0004431 | 3.3847   | .0013050 | .0032966 | .0084234 | 4.5384   |
| %RSD   | 2.194178 | 5.597723 | 2.336587 | .9919140 | 2.493572 | 4.031185 | 2.192786 |
| #1     | .0073865 | .0076666 | 145.6657 | .1320232 | .1312559 | .2103821 | 207.4142 |
| #2     | .0070697 | .0084279 | 141.1432 | .1325704 | .1358714 | .1999113 | 202.2239 |
| #3     | .0072455 | .0076543 | 147.7668 | .1300867 | .1294862 | .2165762 | 211.2678 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.58011 | 44.08330 | .2652934 | .0094457 | .3473702 | .1950812 | 1.415812 |
| Stddev | .25829   | 1.06894  | .0074981 | .0010809 | .2682095 | .0041018 | .006411  |
| %RSD   | 2.230424 | 2.424830 | 2.826355 | 11.44329 | 77.21141 | 2.102592 | .4528202 |
| #1     | 11.60996 | 44.12117 | .2639144 | .0087428 | .2724723 | .1992435 | 1.423209 |
| #2     | 11.30819 | 42.99592 | .2733854 | .0089038 | .6450673 | .1910428 | 1.411865 |
| #3     | 11.82217 | 45.13280 | .2585805 | .0106903 | .1245712 | .1949573 | 1.412361 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.716475 | 8.451688 | .0463072 | .0048213 | 2.443468 | 8.320362 | .1315703 |
| Stddev | .289801  | .219000  | .0027247 | .0000211 | .053804  | .167921  | .0024408 |
| %RSD   | 7.797725 | 2.591201 | 5.884005 | .4375486 | 2.201969 | 2.018199 | 1.855143 |
| #1     | 3.921996 | 8.409568 | .0492417 | .0048049 | 2.424892 | 8.302594 | .1315732 |
| #2     | 3.385011 | 8.688689 | .0438573 | .0048139 | 2.504099 | 8.162030 | .1340097 |
| #3     | 3.842419 | 8.256806 | .0458226 | .0048451 | 2.401413 | 8.496460 | .1291280 |

Sample Name: P4963-02      Acquired: 12/12/2024 18:47:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.336110 | .0533672 | .1274009 |
| Stddev | .033196  | .0016893 | .0064713 |
| %RSD   | 2.484502 | 3.165382 | 5.079480 |
| #1     | 1.341623 | .0534960 | .1266375 |
| #2     | 1.300503 | .0516172 | .1213452 |
| #3     | 1.366204 | .0549884 | .1342201 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2947.078 | 29746.13 | 3337.545 | 2153.989 | 2992.279 |
| Stddev    | 52.299   | 155.39   | 58.161   | 14.662   | 71.170   |
| %RSD      | 1.774592 | .5223740 | 1.742626 | .6806737 | 2.378444 |
| #1        | 2945.172 | 29735.34 | 3335.328 | 2144.459 | 2995.309 |
| #2        | 2895.758 | 29596.43 | 3396.782 | 2146.637 | 2919.642 |
| #3        | 3000.303 | 29906.64 | 3280.524 | 2170.872 | 3061.885 |

Sample Name: P4963-03      Acquired: 12/12/2024 18:51:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1515166 | .0107669 | 3.763604 | -.003050 | -.001908 | 66.93285 | 1.030568 |
| Stddev | .0021957 | .0017629 | .019233  | .003282  | .001532  | 1.28594  | .021372  |
| %RSD   | 1.449174 | 16.37371 | .5110218 | 107.6005 | 80.27675 | 1.921245 | 2.073789 |
| #1     | .1538592 | .0114293 | 3.743419 | -.000572 | -.003307 | 68.24249 | 1.051900 |
| #2     | .1511852 | .0087687 | 3.781717 | -.006772 | -.002144 | 65.67199 | 1.009157 |
| #3     | .1495054 | .0121027 | 3.765676 | -.001806 | -.000272 | 66.88408 | 1.030646 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060781 | .0081525 | 148.2745 | .1075616 | .1201242 | .2393099 | 172.6673 |
| Stddev | .0001402 | .0002795 | 3.4418   | .0031126 | .0006434 | .0075303 | 3.5236   |
| %RSD   | 2.306512 | 3.428860 | 2.321243 | 2.893736 | .5356263 | 3.146655 | 2.040700 |
| #1     | .0062387 | .0078704 | 151.4226 | .1046630 | .1194149 | .2475170 | 175.9820 |
| #2     | .0059803 | .0084294 | 144.5997 | .1108511 | .1206705 | .2327189 | 168.9665 |
| #3     | .0060153 | .0081575 | 148.8012 | .1071705 | .1202871 | .2376938 | 173.0532 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 12.42062 | 35.52496 | .2162187 | .0087170 | .8532501 | .1630680 | 1.700182 |
| Stddev | .25186   | .69293   | .0016484 | .0002037 | .2866071 | .0049440 | .024563  |
| %RSD   | 2.027741 | 1.950534 | .7623563 | 2.336758 | 33.59004 | 3.031837 | 1.444706 |
| #1     | 12.65390 | 36.14443 | .2147742 | .0088885 | .5589405 | .1631376 | 1.679484 |
| #2     | 12.15359 | 34.77666 | .2180144 | .0084919 | .8693324 | .1580896 | 1.727325 |
| #3     | 12.45437 | 35.65378 | .2158676 | .0087707 | 1.131478 | .1679768 | 1.693738 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.278161 | 7.430059 | .0403863 | .0055778 | 2.188330 | 7.963445 | .0888184 |
| Stddev | .390522  | .042854  | .0032670 | .0001461 | .006681  | .122424  | .0004033 |
| %RSD   | 11.91284 | .5767643 | 8.089284 | 2.619488 | .3052891 | 1.537325 | .4540144 |
| #1     | 3.663474 | 7.385038 | .0428890 | .0057380 | 2.183056 | 8.094634 | .0884000 |
| #2     | 2.882631 | 7.470354 | .0366905 | .0055436 | 2.195842 | 7.852247 | .0888509 |
| #3     | 3.288376 | 7.434786 | .0415793 | .0054519 | 2.186092 | 7.943454 | .0892045 |

Sample Name: P4963-03      Acquired: 12/12/2024 18:51:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.327569 | .0707786 | .0985267 |
| Stddev | .024190  | .0018505 | .0067769 |
| %RSD   | 1.822114 | 2.614523 | 6.878263 |
| #1     | 1.351832 | .0727696 | .1013921 |
| #2     | 1.303454 | .0691113 | .0907877 |
| #3     | 1.327420 | .0704548 | .1034002 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2930.814 | 29643.64 | 3272.969 | 2142.426 | 3028.272 |
| Stddev    | 8.693    | 585.11   | 56.958   | 37.884   | 8.978    |
| %RSD      | .2965977 | 1.973805 | 1.740264 | 1.768269 | .2964568 |
| #1        | 2938.088 | 30044.30 | 3210.790 | 2167.680 | 3036.169 |
| #2        | 2921.187 | 28972.19 | 3322.621 | 2098.866 | 3018.507 |
| #3        | 2933.167 | 29914.44 | 3285.496 | 2160.732 | 3030.139 |

Sample Name: P4963-04      Acquired: 12/12/2024 18:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1007114 | .0052187 | 2.206371 | -.005732 | .0007725 | 82.61341 | .8192525 |
| Stddev | .0016024 | .0022658 | .006283  | .003681  | .0014851 | 1.63316  | .0169925 |
| %RSD   | 1.591115 | 43.41753 | .2847882 | 64.21133 | 192.2341 | 1.976869 | 2.074151 |
| #1     | .1003637 | .0030437 | 2.199607 | -.006298 | .0009631 | 81.16516 | .8039353 |
| #2     | .0993114 | .0050467 | 2.207479 | -.009098 | -.000799 | 84.38355 | .8375311 |
| #3     | .1024592 | .0075656 | 2.212027 | -.001802 | .002153  | 82.29152 | .8162911 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0068861 | .0055440 | 138.6192 | .1212889 | .1314442 | .1960176 | 195.3805 |
| Stddev | .0001089 | .0000467 | 2.8386   | .0035148 | .0008531 | .0074412 | 3.8788   |
| %RSD   | 1.581351 | .8413816 | 2.047739 | 2.897873 | .6490501 | 3.796217 | 1.985280 |
| #1     | .0067820 | .0055842 | 136.0998 | .1236095 | .1304607 | .1929397 | 192.0295 |
| #2     | .0069993 | .0054929 | 141.6947 | .1172450 | .1319858 | .2045040 | 199.6296 |
| #3     | .0068771 | .0055550 | 138.0632 | .1230121 | .1318859 | .1906091 | 194.4823 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.238937 | 37.06091 | .2281549 | .0085455 | .7474656 | .1839311 | 1.077330 |
| Stddev | .169830  | .80925   | .0006281 | .0008372 | .1758661 | .0116719 | .014382  |
| %RSD   | 1.838202 | 2.183559 | .2752836 | 9.796640 | 23.52831 | 6.345783 | 1.334983 |
| #1     | 9.093673 | 36.39694 | .2274461 | .0079761 | .9143469 | .1725684 | 1.091399 |
| #2     | 9.425657 | 37.96231 | .2286421 | .0095067 | .7642341 | .1958893 | 1.062654 |
| #3     | 9.197482 | 36.82347 | .2283766 | .0081537 | .5638160 | .1833356 | 1.077937 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.194188 | 7.924402 | .0366788 | .0028954 | .8953154 | 7.525302 | .0433006 |
| Stddev | .147244  | .023132  | .0032662 | .0002786 | .0057374 | .111471  | .0017649 |
| %RSD   | 4.609735 | .2919146 | 8.904813 | 9.623040 | .6408211 | 1.481280 | 4.075868 |
| #1     | 3.060979 | 7.897858 | .0368098 | .0031672 | .8898609 | 7.425682 | .0413995 |
| #2     | 3.352292 | 7.940259 | .0398776 | .0026104 | .9012990 | 7.645700 | .0436155 |
| #3     | 3.169294 | 7.935090 | .0333492 | .0029085 | .8947864 | 7.504523 | .0448868 |

Sample Name: P4963-04      Acquired: 12/12/2024 18:55:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.415819 | .0156029 | .1364606 |
| Stddev | .029476  | .0007804 | .0038072 |
| %RSD   | 2.081912 | 5.001809 | 2.789937 |
| #1     | 1.390794 | .0147025 | .1321265 |
| #2     | 1.448310 | .0160220 | .1379902 |
| #3     | 1.408353 | .0160843 | .1392650 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2957.012 | 29945.76 | 3383.119 | 2171.777 | 2980.749 |
| Stddev    | 10.164   | 595.98   | 53.776   | 44.606   | 8.510    |
| %RSD      | .3437329 | 1.990197 | 1.589550 | 2.053910 | .2855111 |
| #1        | 2948.894 | 29559.87 | 3431.475 | 2143.449 | 2975.864 |
| #2        | 2953.729 | 30632.17 | 3325.205 | 2223.195 | 2975.807 |
| #3        | 2968.412 | 29645.23 | 3392.678 | 2148.686 | 2990.576 |

Sample Name: P4963-05      Acquired: 12/12/2024 18:58:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0849670 | .0023351 | 1.852520 | -.003064 | .0020873 | 84.45795 | .7355475 |
| Stddev | .0020566 | .0008801 | .003785  | .002248  | .0010614 | 1.09982  | .0086783 |
| %RSD   | 2.420499 | 37.68908 | .2043117 | 73.36204 | 50.85177 | 1.302205 | 1.179839 |
| #1     | .0828837 | .0023224 | 1.856629 | -.002291 | .0031674 | 83.24719 | .7261328 |
| #2     | .0850214 | .0032214 | 1.849177 | -.005596 | .0010457 | 85.39519 | .7432273 |
| #3     | .0869958 | .0014614 | 1.851754 | -.001304 | .0020486 | 84.73148 | .7372823 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0070713 | .0055593 | 105.7398 | .1274288 | .1236216 | .1683827 | 194.3555 |
| Stddev | .0000032 | .0000869 | 1.3762   | .0016400 | .0005828 | .0009314 | 2.8942   |
| %RSD   | .0453217 | 1.562890 | 1.301454 | 1.287001 | .4714476 | .5531694 | 1.489112 |
| #1     | .0070682 | .0055485 | 104.1601 | .1261551 | .1238373 | .1693338 | 191.1452 |
| #2     | .0070746 | .0054783 | 106.6789 | .1268521 | .1240659 | .1674722 | 196.7649 |
| #3     | .0070710 | .0056510 | 106.3803 | .1292793 | .1229617 | .1683420 | 195.1563 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.314529 | 40.85108 | .2509732 | .0089455 | .1162651 | .1710352 | 1.009472 |
| Stddev | .118227  | .57491   | .0006527 | .0002488 | .0580949 | .0024250 | .009751  |
| %RSD   | 1.269279 | 1.407331 | .2600828 | 2.780699 | 49.96764 | 1.417850 | .9659140 |
| #1     | 9.183743 | 40.20072 | .2516723 | .0086846 | .0795511 | .1710669 | 1.010694 |
| #2     | 9.413820 | 41.29155 | .2508676 | .0091799 | .1832439 | .1685945 | .999168  |
| #3     | 9.346023 | 41.06099 | .2503797 | .0089719 | .0860002 | .1734442 | 1.018554 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.505128 | 8.383314 | .0442310 | .0026675 | 1.020420 | 7.706579 | .0406394 |
| Stddev | .074819  | .008961  | .0018183 | .0004340 | .004563  | .115725  | .0016214 |
| %RSD   | 1.660749 | .1068930 | 4.110974 | 16.26844 | .4471268 | 1.501635 | 3.989758 |
| #1     | 4.420421 | 8.388710 | .0423926 | .0029796 | 1.015468 | 7.581215 | .0408266 |
| #2     | 4.532773 | 8.388261 | .0460286 | .0021720 | 1.021337 | 7.809326 | .0421591 |
| #3     | 4.562191 | 8.372969 | .0442717 | .0028510 | 1.024454 | 7.729195 | .0389326 |



Sample Name: P4963-05      Acquired: 12/12/2024 18:58:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.404550 | .0124263 | .1381858 |
| Stddev | .015777  | .0005879 | .0018357 |
| %RSD   | 1.123301 | 4.731012 | 1.328419 |
| #1     | 1.388792 | .0125003 | .1362289 |
| #2     | 1.420346 | .0118050 | .1384589 |
| #3     | 1.404512 | .0129738 | .1398696 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3025.131 | 30156.33 | 3386.306 | 2184.668 | 3059.007 |
| Stddev    | 9.541    | 329.48   | 43.411   | 16.824   | 11.771   |
| %RSD      | .3153997 | 1.092564 | 1.281970 | .7700836 | .3848107 |
| #1        | 3016.615 | 30259.06 | 3435.958 | 2181.471 | 3048.128 |
| #2        | 3023.336 | 30422.20 | 3355.517 | 2202.860 | 3057.389 |
| #3        | 3035.442 | 29787.72 | 3367.442 | 2169.671 | 3071.504 |

Sample Name: P4963-06      Acquired: 12/12/2024 19:02:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1221555 | .0109710 | 8.368362 | -.008130 | -.004752 | 68.05948 | .9859971 |
| Stddev | .0044810 | .0010051 | .170205  | .003078  | .001613  | 1.37998  | .0186476 |
| %RSD   | 3.668299 | 9.161218 | 2.033911 | 37.86650 | 33.94484 | 2.027609 | 1.891244 |
| #1     | .1251150 | .0115447 | 8.530965 | -.011271 | -.002953 | 67.10448 | .9733251 |
| #2     | .1170000 | .0098104 | 8.191457 | -.005118 | -.005233 | 69.64167 | 1.007410 |
| #3     | .1243514 | .0115578 | 8.382665 | -.008001 | -.006069 | 67.43230 | .977257  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0059889 | .0063862 | 343.4189 | .0897176 | .1210498 | .1923630 | 186.9066 |
| Stddev | .0001534 | .0004342 | 8.0546   | .0027016 | .0021056 | .0006438 | 4.0476   |
| %RSD   | 2.561850 | 6.798346 | 2.345409 | 3.011191 | 1.739413 | .3346849 | 2.165567 |
| #1     | .0059508 | .0068037 | 337.8151 | .0865981 | .1229867 | .1930832 | 183.9386 |
| #2     | .0061577 | .0059371 | 352.6492 | .0912850 | .1188087 | .1918432 | 191.5172 |
| #3     | .0058580 | .0064177 | 339.7925 | .0912696 | .1213541 | .1921627 | 185.2639 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.48019 | 50.06181 | .1741838 | .0112585 | .2196321 | .1516026 | 1.038194 |
| Stddev | .40438   | 1.13631  | .0042112 | .0015056 | .1219793 | .0064972 | .021950  |
| %RSD   | 2.188156 | 2.269822 | 2.417665 | 13.37301 | 55.53799 | 4.285676 | 2.114237 |
| #1     | 18.20832 | 49.17855 | .1783012 | .0106179 | .1398865 | .1445661 | 1.018458 |
| #2     | 18.94489 | 51.34374 | .1698847 | .0129785 | .1589593 | .1528670 | 1.061834 |
| #3     | 18.28737 | 49.66315 | .1743653 | .0101791 | .3600505 | .1573746 | 1.034290 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.803985 | 7.249548 | .0351757 | .0037478 | 1.666546 | 8.111717 | .5762661 |
| Stddev | .314680  | .153537  | .0015388 | .0002197 | .042507  | .166660  | .0125893 |
| %RSD   | 8.272381 | 2.117887 | 4.374578 | 5.861458 | 2.550576 | 2.054555 | 2.184625 |
| #1     | 3.727596 | 7.397577 | .0361861 | .0039100 | 1.702848 | 7.978610 | .5890930 |
| #2     | 4.149827 | 7.091039 | .0359362 | .0038355 | 1.619787 | 8.298634 | .5639287 |
| #3     | 3.534532 | 7.260029 | .0334047 | .0034978 | 1.677004 | 8.057907 | .5757767 |

Sample Name: P4963-06      Acquired: 12/12/2024 19:02:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHHZ9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.147529 | .1676946 | .0935837 |
| Stddev | .028264  | .0032619 | .0052312 |
| %RSD   | 2.463070 | 1.945159 | 5.589859 |
| #1     | 1.128239 | .1656895 | .0922898 |
| #2     | 1.179973 | .1714584 | .0993405 |
| #3     | 1.134374 | .1659357 | .0891209 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2989.009 | 30068.65 | 3356.712 | 2171.868 | 2947.009 |
| Stddev    | 37.886   | 704.66   | 65.582   | 47.252   | 58.988   |
| %RSD      | 1.267507 | 2.343520 | 1.953745 | 2.175645 | 2.001636 |
| #1        | 2955.392 | 30832.10 | 3399.719 | 2223.637 | 2891.211 |
| #2        | 3030.061 | 29443.18 | 3281.230 | 2131.059 | 3008.740 |
| #3        | 2981.575 | 29930.67 | 3389.188 | 2160.907 | 2941.076 |

Sample Name: P4963-07      Acquired: 12/12/2024 19:06:41      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJ00      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1177308 | .0118400 | .4492496 | -.019167   | -.005883 | 66.27370 |
| Stddev | .0008299 | .0027466 | .0052506 | .007048    | .001889  | 1.11093  |
| %RSD   | .7049042 | 23.19779 | 1.168741 | 36.77294   | 32.11256 | 1.676283 |
| #1     | .1179626 | .0148646 | .4526756 | -.018351   | -.003767 | 67.05496 |
| #2     | .1168097 | .0095013 | .4518685 | -.026588   | -.007399 | 65.00194 |
| #3     | .1184201 | .0111542 | .4432047 | -.012563   | -.006484 | 66.76422 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7013232 | .0059944 | .0061271 | F 1000.603 | .0904307 | .1206961 |
| Stddev | .0122037 | .0001866 | .0003527 | 14.808     | .0003287 | .0022670 |
| %RSD   | 1.740102 | 3.113471 | 5.756872 | 1.479920   | .3634506 | 1.878254 |
| #1     | .7109486 | .0061989 | .0060221 | 1015.105   | .0904006 | .1218739 |
| #2     | .6875973 | .0059510 | .0065204 | 985.506    | .0907733 | .1221317 |
| #3     | .7054236 | .0058333 | .0058387 | 1001.199   | .0901181 | .1180826 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .5580891 | 245.3608 | 15.22937 | 95.64567   | .1989634 | .0113914 |
| Stddev | .0086792 | 4.2779   | .24610   | 1.46657    | .0031071 | .0017433 |
| %RSD   | 1.555156 | 1.743524 | 1.615951 | 1.533340   | 1.561660 | 15.30340 |
| #1     | .5612275 | 248.4653 | 15.39814 | 96.81338   | .1993594 | .0132792 |
| #2     | .5482773 | 240.4811 | 14.94699 | 93.99966   | .2018535 | .0098425 |
| #3     | .5647625 | 247.1361 | 15.34297 | 96.12397   | .1956772 | .0110526 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.010096 | .1598651 | .7150396 | 5.585117   | 9.602899 | .0498625 |
| Stddev | .266423  | .0040754 | .0014717 | .204417    | .185659  | .0010570 |
| %RSD   | 26.37601 | 2.549249 | .2058149 | 3.660025   | 1.933365 | 2.119922 |
| #1     | 1.120986 | .1552579 | .7134130 | 5.695189   | 9.665436 | .0510816 |
| #2     | 1.203165 | .1629987 | .7154270 | 5.349252   | 9.749215 | .0492007 |
| #3     | .706138  | .1613387 | .7162787 | 5.710911   | 9.394046 | .0493051 |

Sample Name: P4963-07      Acquired: 12/12/2024 19:06:41      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ00      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0024642 | 1.444564 | 8.390746 | .0363733 | 1.159599 | .7056413 |
| Stddev    | .0004418 | .028231  | .138603  | .0012415 | .021728  | .0118163 |
| %RSD      | 17.92859 | 1.954312 | 1.651855 | 3.413321 | 1.873751 | 1.674545 |
| #1        | .0025092 | 1.459770 | 8.437877 | .0377949 | 1.177545 | .7144487 |
| #2        | .0028818 | 1.461933 | 8.234723 | .0355022 | 1.135442 | .6922128 |
| #3        | .0020016 | 1.411989 | 8.499636 | .0358227 | 1.165809 | .7102624 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .1390165 |          |          |          |          |          |
| Stddev    | .0022581 |          |          |          |          |          |
| %RSD      | 1.624361 |          |          |          |          |          |
| #1        | .1407838 |          |          |          |          |          |
| #2        | .1364725 |          |          |          |          |          |
| #3        | .1397932 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2759.483 | 27867.29 | 3198.560 | 1998.680 | 2715.361 |          |
| Stddev    | 37.953   | 63.46    | 47.590   | 5.256    | 48.880   |          |
| %RSD      | 1.375374 | .2277193 | 1.487867 | .2629544 | 1.800137 |          |
| #1        | 2745.763 | 27844.87 | 3178.032 | 2004.310 | 2701.732 |          |
| #2        | 2730.298 | 27818.08 | 3252.969 | 1993.904 | 2674.742 |          |
| #3        | 2802.389 | 27938.92 | 3164.679 | 1997.826 | 2769.610 |          |

Sample Name: CCV003      Acquired: 12/12/2024 19:39:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.715972 | 4.529853 | 23.64271 | 4.866493 | 4.596974 | 389.8365 | 9.715469 |
| Stddev | .008355  | .134332  | .68358   | .152902  | .151960  | 4.1837   | .102085  |
| %RSD   | .1771646 | 2.965485 | 2.891282 | 3.141923 | 3.305649 | 1.073193 | 1.050748 |
| #1     | 4.725586 | 4.601844 | 24.01059 | 4.940677 | 4.679995 | 394.0095 | 9.811475 |
| #2     | 4.711851 | 4.612845 | 24.06356 | 4.968152 | 4.689338 | 389.8577 | 9.726698 |
| #3     | 4.710477 | 4.374870 | 22.85397 | 4.690652 | 4.421589 | 385.6422 | 9.608234 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4984187 | 2.320399 | 400.2901 | 14.98383 | 2.346644 | 14.85413 | 401.0392 |
| Stddev | .0036867 | .068473  | 3.7441   | .04996   | .069919  | .14676   | 4.1162   |
| %RSD   | .7396843 | 2.950911 | .9353344 | .3334164 | 2.979534 | .9880032 | 1.026386 |
| #1     | .5007694 | 2.356764 | 402.6201 | 15.01859 | 2.382510 | 14.93107 | 404.6040 |
| #2     | .5003171 | 2.363017 | 402.2788 | 15.00633 | 2.391351 | 14.94642 | 401.9795 |
| #3     | .4941697 | 2.241416 | 395.9713 | 14.92658 | 2.266070 | 14.68490 | 396.5342 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.76900 | 383.2635 | 2.396496 | 1.249023 | 389.9973 | 2.453888 | 14.09060 |
| Stddev | .17295   | 3.8650   | .071823  | .005493  | 5.1926   | .029103  | .08351   |
| %RSD   | 1.171022 | 1.008435 | 2.997013 | .4397567 | 1.331444 | 1.185986 | .5926730 |
| #1     | 14.93673 | 386.9609 | 2.433819 | 1.252998 | 392.4470 | 2.482278 | 14.00588 |
| #2     | 14.77900 | 383.5792 | 2.441974 | 1.251315 | 393.5119 | 2.455263 | 14.17284 |
| #3     | 14.59126 | 379.2503 | 2.313695 | 1.242755 | 384.0330 | 2.424122 | 14.09307 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 144.5009 | 4.785638 | 4.842327 | 4.661160 | 4.712620 | 4.759543 | 4.849789 |
| Stddev | 1.4394   | .144383  | .044741  | .157898  | .137366  | .043336  | .146572  |
| %RSD   | .9961136 | 3.017014 | .9239594 | 3.387525 | 2.914848 | .9105167 | 3.022229 |
| #1     | 145.5986 | 4.868250 | 4.875980 | 4.744790 | 4.778303 | 4.793487 | 4.929635 |
| #2     | 145.0329 | 4.869744 | 4.859447 | 4.759653 | 4.804813 | 4.774413 | 4.939102 |
| #3     | 142.8713 | 4.618921 | 4.791554 | 4.479037 | 4.554744 | 4.710729 | 4.680631 |

Sample Name: CCV003      Acquired: 12/12/2024 19:39:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.947433 | 4.627981 | 5.039341 |
| Stddev | .048764  | .043954  | .060995  |
| %RSD   | .9856511 | .9497443 | 1.210380 |
| #1     | 4.990280 | 4.665374 | 5.064055 |
| #2     | 4.957648 | 4.639004 | 5.084101 |
| #3     | 4.894370 | 4.579564 | 4.969867 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2031.276 | 21692.07 | 2542.827 | 1448.105 | 2551.601 |
| Stddev    | 66.618   | 98.91    | 28.922   | 2.680    | 74.413   |
| %RSD      | 3.279617 | .4559873 | 1.137399 | .1850651 | 2.916345 |
| #1        | 1998.122 | 21615.21 | 2516.772 | 1447.035 | 2514.355 |
| #2        | 1987.740 | 21657.34 | 2537.760 | 1446.125 | 2503.166 |
| #3        | 2107.966 | 21803.67 | 2573.947 | 1451.154 | 2637.284 |

Sample Name: CCB003      Acquired: 12/12/2024 19:42:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB003      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000598 | -.001723 | .0032198 | -.001529 | -.001011 | -.018162 |
| Stddev | .0010828 | .000834  | .0004884 | .002314  | .002119  | .011835  |
| %RSD   | 1810.792 | 48.38878 | 15.16873 | 151.3222 | 209.5838 | 65.16083 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0013097 | -.002068 | .0036788 | -.000482 | -.002316 | -.013963 |
| #2 | -.000535 | -.002329 | .0032739 | .000076  | .001434  | -.031524 |
| #3 | -.000595 | -.000772 | .0027065 | -.004182 | -.002151 | -.009000 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000609 | -.000020 | .0000563 | -.015417 | -.001046 | .0001536 |
| Stddev | .000716  | .000030  | .0000387 | .030697  | .000505  | .0000304 |
| %RSD   | 117.6756 | 154.5906 | 68.77199 | 199.1105 | 48.28228 | 19.81101 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000494 | -.000031 | .0000224 | -.007900 | -.000554 | .0001686 |
| #2 | -.001375 | .000015  | .0000479 | .010823  | -.001021 | .0001736 |
| #3 | .000043  | -.000043 | .0000985 | -.049175 | -.001563 | .0001186 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003498 | -.002925 | -.001137 | .0524448 | -.000720 | .0011678 |
| Stddev | .006236  | .011302  | .001957  | .0050294 | .000322  | .0015363 |
| %RSD   | 178.2512 | 386.3796 | 172.0843 | 9.589867 | 44.71441 | 131.5522 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.006386 | -.015369 | -.001350 | .0502523 | -.001075 | .0005035 |
| #2 | -.007767 | -.000106 | .000918  | .0488839 | -.000638 | .0000755 |
| #3 | .003658  | .006700  | -.002979 | .0581982 | -.000447 | .0029244 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4664837 | .0027805 | -.001878 | .5030318 | -.003875 | .0051522 |
| Stddev | .6408707 | .0016127 | .004384  | .0733340 | .001415  | .0020197 |
| %RSD   | 137.3833 | 57.99959 | 233.4588 | 14.57840 | 36.53045 | 39.20009 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4514579 | .0026368 | -.006938 | .5530473 | -.002246 | .0069918 |
| #2 | -.166742 | .0012445 | .000766  | .4188488 | -.004569 | .0029910 |
| #3 | 1.114735 | .0044602 | .000539  | .5371992 | -.004809 | .0054738 |



Sample Name: CCB003      Acquired: 12/12/2024 19:42:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB003      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |          |          |          |          |
|-----------|------------|----------|----------|----------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | -.000319   | -.000883 | .0022526 | -.000201 | .0009157 | .0000824 |
| Stddev    | .000549    | .001110  | .0003392 | .001170  | .0039216 | .0001145 |
| %RSD      | 171.7507   | 125.6230 | 15.06006 | 582.5508 | 428.2817 | 138.9981 |
| #1        | -.000916   | -.002160 | .0024905 | .001027  | .0054436 | .0002017 |
| #2        | .000163    | -.000342 | .0024032 | -.001303 | -.001400 | .0000719 |
| #3        | -.000206   | -.000148 | .0018642 | -.000327 | -.001297 | -.000027 |
| Elem      | Li6707     |          |          |          |          |          |
| Units     | ppm        |          |          |          |          |          |
| Avg       | F .0297729 |          |          |          |          |          |
| Stddev    | .0020786   |          |          |          |          |          |
| %RSD      | 6.981377   |          |          |          |          |          |
| #1        | .0299140   |          |          |          |          |          |
| #2        | .0317773   |          |          |          |          |          |
| #3        | .0276273   |          |          |          |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2476.717   | 23502.01 | 2608.624 | 1718.101 | 3301.053 |          |
| Stddev    | 103.680    | 441.27   | 24.965   | 36.133   | 142.599  |          |
| %RSD      | 4.186172   | 1.877578 | .9570212 | 2.103050 | 4.319817 |          |
| #1        | 2592.704   | 23648.95 | 2585.456 | 1731.837 | 3459.572 |          |
| #2        | 2444.408   | 23006.02 | 2635.063 | 1677.115 | 3260.374 |          |
| #3        | 2393.039   | 23851.07 | 2605.352 | 1745.351 | 3183.213 |          |

Sample Name: P4963-08      Acquired: 12/12/2024 19:46:51      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJ06      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1290120 | .0060964 | 1.424920 | .0052998 | .0017491 | 77.48906 | .9630100 |
| Stddev | .0002960 | .0032887 | .001144  | .0042650 | .0035597 | .74016   | .0113935 |
| %RSD   | .2294367 | 53.94530 | .0802571 | 80.47541 | 203.5128 | .9551792 | 1.183111 |
| #1     | .1293536 | .0040371 | 1.426085 | .0085300 | .0058311 | 77.01706 | .9554643 |
| #2     | .1288530 | .0043629 | 1.423799 | .0069042 | .0001262 | 78.34210 | .9761160 |
| #3     | .1288296 | .0098893 | 1.424876 | .0004652 | -.000710 | 77.10800 | .9574497 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0074813 | .0057690 | 90.88442 | .1123692 | .1109129 | .2328433 | 176.7754 |
| Stddev | .0001151 | .0000365 | .64359   | .0028777 | .0003994 | .0057948 | 1.2410   |
| %RSD   | 1.538803 | .6319836 | .7081406 | 2.560940 | .3601163 | 2.488711 | .7019946 |
| #1     | .0074618 | .0057312 | 90.26616 | .1090605 | .1110858 | .2394205 | 175.8073 |
| #2     | .0076050 | .0057718 | 91.55065 | .1137573 | .1111967 | .2306199 | 178.1743 |
| #3     | .0073772 | .0058040 | 90.83644 | .1142896 | .1104561 | .2284894 | 176.3445 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.15933 | 32.18323 | .2147060 | .0086256 | .4164356 | .1673763 | .5676159 |
| Stddev | .10911   | .36448   | .0004535 | .0004241 | .5724051 | .0075791 | .0088163 |
| %RSD   | .7705622 | 1.132517 | .2112195 | 4.916771 | 137.4534 | 4.528154 | 1.553216 |
| #1     | 14.07870 | 32.03967 | .2142418 | .0090100 | .5683234 | .1599730 | .5583881 |
| #2     | 14.28348 | 32.59764 | .2151480 | .0086960 | .8975781 | .1751197 | .5685066 |
| #3     | 14.11582 | 31.91240 | .2147281 | .0081707 | -.216595 | .1670364 | .5759531 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.551389 | 7.690940 | .0599499 | .0053639 | 4.109320 | 8.598451 | .0474240 |
| Stddev | .196144  | .001793  | .0017801 | .0002264 | .005027  | .089347  | .0011884 |
| %RSD   | 3.533234 | .0233099 | 2.969311 | 4.221101 | .1223414 | 1.039100 | 2.505828 |
| #1     | 5.339670 | 7.692817 | .0619867 | .0053516 | 4.103744 | 8.578935 | .0487956 |
| #2     | 5.726916 | 7.689245 | .0586923 | .0051438 | 4.110709 | 8.695943 | .0467030 |
| #3     | 5.587581 | 7.690759 | .0591706 | .0055961 | 4.113507 | 8.520476 | .0467733 |

Sample Name: P4963-08      Acquired: 12/12/2024 19:46:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ06      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.190720 | -.015668 | .0935937 |
| Stddev | .007604  | .000167  | .0023620 |
| %RSD   | .6385727 | 1.065881 | 2.523668 |
| #1     | 1.182640 | -.015593 | .0949940 |
| #2     | 1.197735 | -.015552 | .0908666 |
| #3     | 1.191784 | -.015859 | .0949203 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2993.397 | 30131.17 | 3342.210 | 2186.014 | 3060.883 |
| Stddev    | 9.803    | 566.49   | 27.035   | 37.923   | 9.758    |
| %RSD      | .3274762 | 1.880072 | .8088888 | 1.734788 | .3188098 |
| #1        | 2986.035 | 30778.11 | 3331.067 | 2229.154 | 3052.312 |
| #2        | 2989.631 | 29891.44 | 3322.527 | 2170.947 | 3058.834 |
| #3        | 3004.524 | 29723.96 | 3373.035 | 2157.939 | 3071.503 |

Sample Name: P4963-09      Acquired: 12/12/2024 19:50:39      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: MBHJ07      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1426809 | .0083172 | 1.550086 | .0027557 | .0000989 | 78.33305 | 1.013393 |
| Stddev | .0021180 | .0002588 | .003622  | .0033879 | .0033287 | .94880   | .012795  |
| %RSD   | 1.484447 | 3.111189 | .2336756 | 122.9421 | 3367.306 | 1.211241 | 1.262559 |
| #1     | .1445989 | .0081039 | 1.546472 | .0032562 | -.003443 | 78.67810 | 1.017495 |
| #2     | .1430360 | .0082427 | 1.553716 | -.000855 | .000578  | 77.26001 | .999051  |
| #3     | .1404078 | .0086050 | 1.550068 | .005865  | .003162  | 79.06104 | 1.023634 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078970 | .0064369 | 143.0708 | .1185035 | .1190701 | .2617338 | 181.6636 |
| Stddev | .0001743 | .0000661 | 1.3879   | .0005132 | .0003114 | .0008285 | 2.0779   |
| %RSD   | 2.207222 | 1.027586 | .9701078 | .4330723 | .2615227 | .3165358 | 1.143812 |
| #1     | .0080661 | .0065129 | 143.5193 | .1183040 | .1187221 | .2614795 | 182.1885 |
| #2     | .0077179 | .0063929 | 141.5141 | .1181201 | .1193224 | .2610623 | 179.3736 |
| #3     | .0079070 | .0064047 | 144.1791 | .1190865 | .1191659 | .2626596 | 183.4287 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.24261 | 41.56546 | .2291563 | .0096699 | .4539132 | .1611673 | .6106405 |
| Stddev | .18156   | .59254   | .0008969 | .0001775 | .5003236 | .0030995 | .0039203 |
| %RSD   | 1.191112 | 1.425569 | .3913754 | 1.836029 | 110.2245 | 1.923182 | .6419935 |
| #1     | 15.28274 | 41.75976 | .2298585 | .0098598 | .0821292 | .1626395 | .6140976 |
| #2     | 15.04435 | 40.90016 | .2294645 | .0096420 | .2568481 | .1632564 | .6063811 |
| #3     | 15.40075 | 42.03646 | .2281460 | .0095080 | 1.022762 | .1576060 | .6114427 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.884741 | 7.626101 | .0458112 | .0053624 | 3.930549 | 8.637635 | .0511612 |
| Stddev | .144943  | .009551  | .0027708 | .0000202 | .007365  | .098825  | .0017057 |
| %RSD   | 3.731094 | .1252458 | 6.048280 | .3769389 | .1873731 | 1.144123 | 3.333946 |
| #1     | 4.027603 | 7.635320 | .0485228 | .0053409 | 3.938388 | 8.607821 | .0497063 |
| #2     | 3.737802 | 7.626732 | .0429848 | .0053652 | 3.929484 | 8.557149 | .0507389 |
| #3     | 3.888817 | 7.616249 | .0459261 | .0053811 | 3.923775 | 8.747935 | .0530383 |

Sample Name: P4963-09      Acquired: 12/12/2024 19:50:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ07      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.145443 | .0214941 | .0893974 |
| Stddev | .006058  | .0005093 | .0013254 |
| %RSD   | .5288805 | 2.369688 | 1.482637 |
| #1     | 1.147398 | .0220240 | .0901164 |
| #2     | 1.138649 | .0214501 | .0878678 |
| #3     | 1.150282 | .0210082 | .0902078 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3046.346 | 30240.30 | 3434.891 | 2193.366 | 3030.046 |
| Stddev    | 2.560    | 63.15    | 28.666   | 7.450    | .537     |
| %RSD      | .0840251 | .2088419 | .8345415 | .3396513 | .0177224 |
| #1        | 3045.186 | 30171.15 | 3432.436 | 2191.557 | 3029.463 |
| #2        | 3044.572 | 30254.84 | 3464.705 | 2201.554 | 3030.157 |
| #3        | 3049.280 | 30294.92 | 3407.532 | 2186.988 | 3030.520 |

Sample Name: P4963-10      Acquired: 12/12/2024 19:54:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1376580 | .0099778 | 1.046107 | .0023950 | -.002129 | 88.13472 | .9923496 |
| Stddev | .0042138 | .0023200 | .006629  | .0026761 | .003293  | .86570   | .0097697 |
| %RSD   | 3.061063 | 23.25142 | .6336463 | 111.7368 | 154.6825 | .9822416 | .9845010 |
| #1     | .1422391 | .0095156 | 1.049699 | .0009991 | -.001462 | 88.04186 | .9919239 |
| #2     | .1339474 | .0079237 | 1.050164 | .0054804 | .000780  | 87.31920 | .9827997 |
| #3     | .1367876 | .0124941 | 1.038457 | .0007055 | -.005704 | 89.04310 | 1.002325 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0086569 | .0064322 | 254.9994 | .1209612 | .1439199 | .2455880 | 216.3892 |
| Stddev | .0000674 | .0001225 | 2.6991   | .0008609 | .0007752 | .0050010 | 1.9769   |
| %RSD   | .7782420 | 1.904894 | 1.058479 | .7117515 | .5386374 | 2.036359 | .9135809 |
| #1     | .0087325 | .0065580 | 254.7212 | .1203517 | .1446746 | .2424101 | 216.0038 |
| #2     | .0086032 | .0064255 | 252.4502 | .1205858 | .1439595 | .2430013 | 214.6334 |
| #3     | .0086351 | .0063132 | 257.8268 | .1219461 | .1431257 | .2513526 | 218.5304 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.29635 | 32.90065 | .2475460 | .0114440 | 1.030982 | .1857664 | .4476994 |
| Stddev | .18161   | .40164   | .0012207 | .0001964 | .389486  | .0003638 | .0131562 |
| %RSD   | .9926074 | 1.220780 | .4931322 | 1.715859 | 37.77816 | .1958135 | 2.938615 |
| #1     | 18.28966 | 32.86665 | .2488299 | .0116678 | .613950  | .1854475 | .4621283 |
| #2     | 18.11818 | 32.51709 | .2474082 | .0113007 | 1.385315 | .1861626 | .4363691 |
| #3     | 18.48122 | 33.31821 | .2464001 | .0113634 | 1.093682 | .1856892 | .4446008 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.120920 | 7.867308 | .0400673 | .0038381 | 2.569711 | 7.910239 | .0442016 |
| Stddev | .123338  | .047168  | .0027506 | .0000912 | .017939  | .109610  | .0015713 |
| %RSD   | 3.951989 | .5995421 | 6.865015 | 2.376261 | .6980844 | 1.385670 | 3.554876 |
| #1     | 3.070615 | 7.910998 | .0431407 | .0038828 | 2.589939 | 7.830362 | .0456994 |
| #2     | 3.030685 | 7.873627 | .0378367 | .0037331 | 2.563462 | 7.865153 | .0425659 |
| #3     | 3.261461 | 7.817299 | .0392245 | .0038982 | 2.555733 | 8.035201 | .0443396 |

Sample Name: P4963-10      Acquired: 12/12/2024 19:54:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ08      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9940916 | .0572234 | .1109119 |
| Stddev | .0141342 | .0012289 | .0023277 |
| %RSD   | 1.421815 | 2.147475 | 2.098667 |
| #1     | .9873348 | .0580164 | .1089687 |
| #2     | .9846040 | .0558078 | .1102752 |
| #3     | 1.010336 | .0578459 | .1134916 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3231.105 | 32217.86 | 3662.218 | 2337.718 | 3001.517 |
| Stddev    | 5.474    | 182.11   | 28.314   | 19.434   | 9.798    |
| %RSD      | .1694304 | .5652542 | .7731297 | .8313125 | .3264212 |
| #1        | 3231.058 | 32053.02 | 3679.317 | 2320.011 | 2992.927 |
| #2        | 3225.654 | 32413.36 | 3677.802 | 2358.509 | 2999.437 |
| #3        | 3236.603 | 32187.20 | 3629.536 | 2334.632 | 3012.188 |

Sample Name: P4963-11      Acquired: 12/12/2024 19:58:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1187168 | .0089333 | .5592430 | -.000973 | -.000347 | 76.23963 | .6926683 |
| Stddev | .0027419 | .0015151 | .0011901 | .000603  | .000784  | .12057   | .0007307 |
| %RSD   | 2.309654 | 16.96015 | .2128070 | 61.96584 | 225.7798 | .1581468 | .1054951 |
| #1     | .1157221 | .0084269 | .5589498 | -.000573 | -.000196 | 76.29060 | .6928949 |
| #2     | .1211041 | .0077362 | .5582269 | -.000679 | .000350  | 76.32634 | .6932589 |
| #3     | .1193243 | .0106367 | .5605523 | -.001666 | -.001197 | 76.10194 | .6918511 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0071389 | .0046761 | 217.4634 | .0931041 | .1257303 | .2362778 | 202.3872 |
| Stddev | .0001153 | .0000600 | .3980    | .0006983 | .0006651 | .0034337 | .2002    |
| %RSD   | 1.615183 | 1.282102 | .1830414 | .7500414 | .5290144 | 1.453256 | .0989338 |
| #1     | .0070831 | .0046089 | 217.2787 | .0938425 | .1251712 | .2400382 | 202.2256 |
| #2     | .0070622 | .0046955 | 217.1913 | .0930153 | .1264659 | .2354861 | 202.6112 |
| #3     | .0072715 | .0047240 | 217.9203 | .0924544 | .1255538 | .2333090 | 202.3248 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.12609 | 24.10409 | .1798257 | .0108530 | .5909778 | .1537886 | .2972351 |
| Stddev | .01515   | .05290   | .0008437 | .0002710 | .3961123 | .0101660 | .0020331 |
| %RSD   | .0884587 | .2194731 | .4691871 | 2.496590 | 67.02660 | 6.610358 | .6839926 |
| #1     | 17.12147 | 24.16513 | .1806092 | .0105429 | .1789772 | .1424241 | .2995396 |
| #2     | 17.14301 | 24.07159 | .1799355 | .0110439 | .9690147 | .1620172 | .2956953 |
| #3     | 17.11378 | 24.07554 | .1789325 | .0109723 | .6249415 | .1569245 | .2964703 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.896260 | 9.195088 | .0424755 | .0030591 | 1.528088 | 7.701402 | .0308049 |
| Stddev | .156144  | .030137  | .0012769 | .0004273 | .004536  | .027189  | .0004676 |
| %RSD   | 5.391236 | .3277520 | 3.006119 | 13.96713 | .2968279 | .3530400 | 1.518040 |
| #1     | 2.884934 | 9.186369 | .0410336 | .0034664 | 1.531879 | 7.719291 | .0307246 |
| #2     | 3.057759 | 9.170271 | .0429299 | .0030966 | 1.529322 | 7.670114 | .0313075 |
| #3     | 2.746087 | 9.228623 | .0434630 | .0026143 | 1.523063 | 7.714802 | .0303826 |



Sample Name: P4963-11      Acquired: 12/12/2024 19:58:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ09      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9294047 | .0521963 | .0935051 |
| Stddev | .0056946 | .0001548 | .0016898 |
| %RSD   | .6127149 | .2966490 | 1.807230 |
| #1     | .9327869 | .0520285 | .0939256 |
| #2     | .9228300 | .0522268 | .0949451 |
| #3     | .9325971 | .0523337 | .0916448 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3238.825 | 32238.39 | 3649.831 | 2327.579 | 3020.426 |
| Stddev    | 8.429    | 131.07   | 4.889    | 9.521    | 8.568    |
| %RSD      | .2602431 | .4065715 | .1339541 | .4090673 | .2836573 |
| #1        | 3248.351 | 32113.43 | 3649.320 | 2323.197 | 3030.293 |
| #2        | 3235.789 | 32226.91 | 3654.956 | 2321.037 | 3014.876 |
| #3        | 3232.334 | 32374.82 | 3645.218 | 2338.502 | 3016.107 |

Sample Name: P4963-12      Acquired: 12/12/2024 20:02:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1015321 | .0106878 | .6018237 | .0026498 | -.001423 | 72.89603 | .8398055 |
| Stddev | .0020469 | .0019584 | .0007754 | .0043308 | .001442  | .43342   | .0043718 |
| %RSD   | 2.015977 | 18.32373 | .1288362 | 163.4402 | 101.3552 | .5945697 | .5205742 |
| #1     | .0994392 | .0127953 | .6009472 | .0074447 | -.003023 | 73.27549 | .8445076 |
| #2     | .1035296 | .0103442 | .6024200 | .0014823 | -.000223 | 72.42371 | .8358636 |
| #3     | .1016277 | .0089240 | .6021041 | -.000978 | -.001023 | 72.98889 | .8390455 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0060113 | .0049935 | 140.9826 | .0931165 | .1166069 | .2040197 | 175.8944 |
| Stddev | .0000971 | .0001115 | .4990    | .0006602 | .0004627 | .0001185 | 1.0600   |
| %RSD   | 1.614696 | 2.233188 | .3539653 | .7089853 | .3968133 | .0580823 | .6026569 |
| #1     | .0061108 | .0049860 | 141.5463 | .0928953 | .1160733 | .2041267 | 177.0998 |
| #2     | .0060063 | .0048859 | 140.5971 | .0925954 | .1168489 | .2038924 | 175.1072 |
| #3     | .0059169 | .0051085 | 140.8045 | .0938589 | .1168984 | .2040400 | 175.4762 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.00341 | 23.87012 | .1687346 | .0108370 | .9955374 | .1507316 | .3531681 |
| Stddev | .07349   | .13972   | .0002067 | .0001665 | .1759766 | .0066341 | .0034538 |
| %RSD   | .3673673 | .5853195 | .1224849 | 1.536365 | 17.67654 | 4.401263 | .9779470 |
| #1     | 20.06471 | 24.03053 | .1689641 | .0108665 | 1.126970 | .1504847 | .3524848 |
| #2     | 19.92195 | 23.77503 | .1685631 | .0106577 | .795613  | .1442244 | .3501070 |
| #3     | 20.02358 | 23.80479 | .1686765 | .0109868 | 1.064029 | .1574857 | .3569125 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.420870 | 6.303528 | .0392781 | .0034658 | 1.905380 | 7.935475 | .0282820 |
| Stddev | .109445  | .013994  | .0013691 | .0003079 | .004083  | .028235  | .0010316 |
| %RSD   | 4.520913 | .2219987 | 3.485703 | 8.885340 | .2142970 | .3558037 | 3.647432 |
| #1     | 2.469694 | 6.301586 | .0408577 | .0033828 | 1.909108 | 7.967295 | .0290302 |
| #2     | 2.295510 | 6.290606 | .0385440 | .0038068 | 1.901016 | 7.913418 | .0271052 |
| #3     | 2.497406 | 6.318391 | .0384326 | .0032079 | 1.906017 | 7.925711 | .0287106 |

Sample Name: P4963-12      Acquired: 12/12/2024 20:02:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ10      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.133469 | .0497643 | .0840819 |
| Stddev | .008430  | .0002680 | .0026423 |
| %RSD   | .7437516 | .5385637 | 3.142528 |
| #1     | 1.141319 | .0495636 | .0831039 |
| #2     | 1.124559 | .0496607 | .0820681 |
| #3     | 1.134528 | .0500687 | .0870738 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3055.106 | 30537.11 | 3430.987 | 2216.121 | 3022.895 |
| Stddev    | 4.109    | 61.40    | 9.412    | 13.556   | 4.088    |
| %RSD      | .1344803 | .2010747 | .2743355 | .6116775 | .1352360 |
| #1        | 3050.812 | 30592.40 | 3422.296 | 2226.283 | 3020.457 |
| #2        | 3055.506 | 30547.90 | 3440.984 | 2221.349 | 3027.615 |
| #3        | 3059.000 | 30471.03 | 3429.679 | 2200.730 | 3020.613 |

Sample Name: P4963-13      Acquired: 12/12/2024 20:05:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ11      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1106830 | .0104186 | .4055110 | .0101170 | -.001767   | 83.66181 |
| Stddev | .0018588 | .0020397 | .0003654 | .0025862 | .001574    | .58004   |
| %RSD   | 1.679430 | 19.57773 | .0901170 | 25.56280 | 89.07117   | .6933138 |
| #1     | .1097955 | .0122535 | .4058936 | .0130542 | -.002422   | 83.65851 |
| #2     | .1094342 | .0082224 | .4054737 | .0091151 | .000029    | 84.24349 |
| #3     | .1128193 | .0107800 | .4051656 | .0081817 | -.002908   | 83.08343 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8636879 | .0063294 | .0057167 | 150.5478 | .1053510   | .1427682 |
| Stddev | .0073009 | .0001106 | .0000895 | 1.3523   | .0007855   | .0003033 |
| %RSD   | .8453221 | 1.746579 | 1.565853 | .8982287 | .7455868   | .2124186 |
| #1     | .8636711 | .0064537 | .0056168 | 150.9749 | .1049580   | .1426255 |
| #2     | .8709972 | .0062926 | .0057896 | 151.6350 | .1062554   | .1431164 |
| #3     | .8563954 | .0062420 | .0057437 | 149.0336 | .1048395   | .1425625 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .2201450 | 198.0943 | 22.90834 | 25.17511 | .1836687   | .0112812 |
| Stddev | .0018453 | 1.1339   | .16840   | .14037   | .0009237   | .0001121 |
| %RSD   | .8382379 | .5723847 | .7351138 | .5575751 | .5029364   | .9934713 |
| #1     | .2199739 | 197.9943 | 22.89377 | 25.21556 | .1845371   | .0111833 |
| #2     | .2183912 | 199.2748 | 23.08355 | 25.29081 | .1826981   | .0114034 |
| #3     | .2220700 | 197.0137 | 22.74769 | 25.01895 | .1837710   | .0112570 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.264837 | .1741373 | .3695570 | 2.897089 | F 11.90770 | .0387541 |
| Stddev | .256348  | .0012369 | .0022268 | .183031  | .01500     | .0025802 |
| %RSD   | 20.26729 | .7103301 | .6025742 | 6.317739 | .1259566   | 6.657834 |
| #1     | 1.043057 | .1750124 | .3695382 | 2.977454 | 11.92327   | .0397789 |
| #2     | 1.545505 | .1746773 | .3717932 | 3.026187 | 11.89335   | .0406645 |
| #3     | 1.205949 | .1727221 | .3673396 | 2.687624 | 11.90650   | .0358190 |

Sample Name: P4963-13      Acquired: 12/12/2024 20:05:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ11      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0027676 | 1.943371 | 7.867853 | .0280623 | 1.214415 | .0912477 |
| Stddev    | .0001284 | .003980  | .046548  | .0003585 | .013885  | .0009773 |
| %RSD      | 4.638457 | .2047788 | .5916217 | 1.277518 | 1.143318 | 1.071001 |
| #1        | .0029094 | 1.944431 | 7.840238 | .0282879 | 1.210610 | .0916348 |
| #2        | .0026594 | 1.938969 | 7.921595 | .0276489 | 1.229806 | .0919721 |
| #3        | .0027339 | 1.946714 | 7.841726 | .0282501 | 1.202830 | .0901362 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0945405 |          |          |          |          |          |
| Stddev    | .0059509 |          |          |          |          |          |
| %RSD      | 6.294571 |          |          |          |          |          |
| #1        | .0884623 |          |          |          |          |          |
| #2        | .0948037 |          |          |          |          |          |
| #3        | .1003554 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 3181.555 | 31535.58 | 3515.195 | 2285.663 | 2981.651 |          |
| Stddev    | 12.748   | 97.60    | 20.138   | 3.647    | 10.298   |          |
| %RSD      | .4006976 | .3094857 | .5728749 | .1595597 | .3453678 |          |
| #1        | 3188.159 | 31520.01 | 3515.710 | 2284.134 | 2988.296 |          |
| #2        | 3166.860 | 31446.70 | 3494.804 | 2283.030 | 2969.789 |          |
| #3        | 3189.647 | 31640.03 | 3535.070 | 2289.826 | 2986.869 |          |

Sample Name: P4963-14      Acquired: 12/12/2024 20:09:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0932182 | .0032174 | .2237642 | .0141496 | .0020231 | 90.95782 | .9515065 |
| Stddev | .0020647 | .0017130 | .0015509 | .0033783 | .0007251 | 2.16762  | .0224524 |
| %RSD   | 2.214877 | 53.24311 | .6930887 | 23.87576 | 35.84150 | 2.383107 | 2.359674 |
| #1     | .0925963 | .0033622 | .2230286 | .0107758 | .0019933 | 89.12387 | .9325386 |
| #2     | .0915360 | .0014365 | .2255460 | .0141407 | .0013133 | 93.34994 | .9762965 |
| #3     | .0955223 | .0048534 | .2227179 | .0175324 | .0027626 | 90.39966 | .9456842 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075816 | .0052328 | 36.36473 | .1015367 | .1419865 | .1458825 | 216.3238 |
| Stddev | .0001188 | .0000468 | .85320   | .0028575 | .0006033 | .0061807 | 5.2051   |
| %RSD   | 1.567029 | .8950673 | 2.346229 | 2.814230 | .4248748 | 4.236791 | 2.406184 |
| #1     | .0074478 | .0052705 | 35.66705 | .1003340 | .1416285 | .1421159 | 212.1108 |
| #2     | .0076748 | .0052474 | 37.31597 | .0994771 | .1426831 | .1530156 | 222.1427 |
| #3     | .0076221 | .0051803 | 36.11119 | .1047989 | .1416481 | .1425159 | 214.7179 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.94750 | 18.27039 | .1604793 | .0099495 | .9018033 | .1899646 | .2652400 |
| Stddev | .48488   | .38836   | .0004760 | .0011620 | .1103470 | .0072153 | .0108842 |
| %RSD   | 2.314763 | 2.125611 | .2966225 | 11.67889 | 12.23626 | 3.798262 | 4.103540 |
| #1     | 20.56621 | 17.97535 | .1599557 | .0089616 | .8914903 | .1818599 | .2578297 |
| #2     | 21.49321 | 18.71037 | .1605964 | .0112297 | 1.016945 | .1923447 | .2601542 |
| #3     | 20.78307 | 18.12545 | .1608859 | .0096572 | .796975  | .1956893 | .2777362 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.153434 | 6.177340 | .0180885 | .0015347 | 1.378443 | 7.501033 | .0247500 |
| Stddev | .204854  | .029688  | .0024411 | .0004970 | .008119  | .128506  | .0017369 |
| %RSD   | 17.76035 | .4805905 | 13.49542 | 32.38718 | .5889785 | 1.713180 | 7.017947 |
| #1     | .950509  | 6.167605 | .0166131 | .0009694 | 1.377983 | 7.398352 | .0227762 |
| #2     | 1.360164 | 6.210673 | .0209063 | .0017317 | 1.386781 | 7.645144 | .0260454 |
| #3     | 1.149629 | 6.153742 | .0167462 | .0019031 | 1.370563 | 7.459603 | .0254284 |

Sample Name: P4963-14      Acquired: 12/12/2024 20:09:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ12      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.333490 | -.117585 | .0635981 |
| Stddev | .031541  | .002896  | .0038420 |
| %RSD   | 2.365294 | 2.462807 | 6.041021 |
| #1     | 1.309673 | -.115072 | .0650077 |
| #2     | 1.369261 | -.120752 | .0665362 |
| #3     | 1.321537 | -.116931 | .0592505 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 3357.755 | 32953.44 | 3770.365 | 2403.576 | 3068.148 |
| Stddev    | 11.861   | 631.24   | 70.696   | 43.785   | 14.998   |
| %RSD      | .3532340 | 1.915560 | 1.875055 | 1.821647 | .4888256 |
| #1        | 3351.952 | 33199.72 | 3807.062 | 2411.063 | 3065.228 |
| #2        | 3349.913 | 33424.42 | 3688.866 | 2443.134 | 3054.824 |
| #3        | 3371.400 | 32236.18 | 3815.167 | 2356.530 | 3084.391 |

Sample Name: P4963-18      Acquired: 12/12/2024 20:13:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ14      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0396426 | .0158427 | .6546415 | -.043412   | -.015100 | 20.21403 |
| Stddev | .0036874 | .0033037 | .0231284 | .007036    | .000726  | .07054   |
| %RSD   | 9.301598 | 20.85312 | 3.532984 | 16.20860   | 4.811250 | .3489589 |
| #1     | .0394488 | .0126160 | .6741791 | -.051450   | -.015818 | 20.16192 |
| #2     | .0360559 | .0156938 | .6291046 | -.038369   | -.015116 | 20.29430 |
| #3     | .0434231 | .0192184 | .6606410 | -.040416   | -.014365 | 20.18588 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2720161 | .0024371 | .0068485 | F 1856.976 | .0692569 | .0713429 |
| Stddev | .0009461 | .0000272 | .0002536 | 19.697     | .0006694 | .0030231 |
| %RSD   | .3478120 | 1.114671 | 3.703278 | 1.060684   | .9665411 | 4.237399 |
| #1     | .2716492 | .0024647 | .0070049 | 1850.948   | .0695734 | .0740938 |
| #2     | .2730907 | .0024104 | .0065558 | 1878.982   | .0684880 | .0681064 |
| #3     | .2713084 | .0024362 | .0069846 | 1840.997   | .0697094 | .0718285 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1190242 | 88.68107 | 8.121698 | 597.3817   | .1348707 | .0053036 |
| Stddev | .0064634 | .73246   | .067228  | 3.3665     | .0055350 | .0016099 |
| %RSD   | 5.430368 | .8259507 | .8277555 | .5635348   | 4.103893 | 30.35516 |
| #1     | .1151913 | 88.66958 | 8.105441 | 595.8148   | .1394126 | .0043091 |
| #2     | .1264867 | 89.41921 | 8.195563 | 601.2460   | .1287056 | .0071610 |
| #3     | .1153947 | 87.95442 | 8.064089 | 595.0843   | .1364938 | .0044406 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9755441 | .0663872 | 1.210420 | 4.830164   | 4.990808 | .0835006 |
| Stddev | .4965436 | .0057737 | .021326  | .097966    | .170399  | .0025915 |
| %RSD   | 50.89914 | 8.697035 | 1.761905 | 2.028205   | 3.414252 | 3.103587 |
| #1     | 1.390984 | .0655848 | 1.221298 | 4.796078   | 5.122802 | .0807984 |
| #2     | 1.110041 | .0610566 | 1.185848 | 4.940619   | 4.798443 | .0859650 |
| #3     | .425607  | .0725201 | 1.224113 | 4.753794   | 5.051180 | .0837384 |



Sample Name: P4963-18      Acquired: 12/12/2024 20:13:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ14      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0036231 | 17.46066 | 7.525802 | .0380636 | .3907252 | .8974974 |
| Stddev    | .0004795 | .59787   | .044089  | .0004683 | .0051875 | .0039172 |
| %RSD      | 13.23332 | 3.424116 | .5858426 | 1.230329 | 1.327656 | .4364569 |
| #1        | .0039108 | 17.93316 | 7.508916 | .0383546 | .3926806 | .8957669 |
| #2        | .0038888 | 16.78851 | 7.575839 | .0375234 | .3946509 | .9019818 |
| #3        | .0030696 | 17.66032 | 7.492652 | .0383128 | .3848442 | .8947434 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0947869 |          |          |          |          |          |
| Stddev    | .0054489 |          |          |          |          |          |
| %RSD      | 5.748585 |          |          |          |          |          |
| #1        | .0931227 |          |          |          |          |          |
| #2        | .1008739 |          |          |          |          |          |
| #3        | .0903642 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2297.133 | 23327.33 | 2732.020 | 1663.913 | 2451.034 |          |
| Stddev    | 56.798   | 290.33   | 26.333   | 21.322   | 81.030   |          |
| %RSD      | 2.472581 | 1.244584 | .9638722 | 1.281455 | 3.305952 |          |
| #1        | 2248.072 | 23158.56 | 2732.449 | 1658.107 | 2385.432 |          |
| #2        | 2359.358 | 23662.57 | 2705.475 | 1687.537 | 2541.612 |          |
| #3        | 2283.971 | 23160.86 | 2758.137 | 1646.095 | 2426.058 |          |

Sample Name: P4963-19      Acquired: 12/12/2024 20:17:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ15      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0566038 | .0174719 | .9667772 | -.046857 | -.016859 | 21.14197 |
| Stddev | .0026695 | .0036084 | .0165496 | .002992  | .002085  | .12904   |
| %RSD   | 4.716163 | 20.65236 | 1.711832 | 6.385475 | 12.36851 | .6103436 |
| #1     | .0535863 | .0156279 | .9582686 | -.043734 | -.015091 | 21.27850 |
| #2     | .0586580 | .0216296 | .9562129 | -.047137 | -.016326 | 21.12539 |
| #3     | .0575671 | .0151582 | .9858502 | -.049699 | -.019158 | 21.02203 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2865241 | .0026846 | .0102052 | F 1977.437 | .0786409 | .0772992 |
| Stddev | .0013785 | .0000820 | .0003704 | 13.926     | .0005972 | .0018617 |
| %RSD   | .4811064 | 3.054062 | 3.629833 | .7042639   | .7593609 | 2.408444 |
| #1     | .2876419 | .0026982 | .0100327 | 1990.378   | .0785188 | .0762330 |
| #2     | .2869467 | .0027589 | .0099525 | 1962.699   | .0781142 | .0762157 |
| #3     | .2849838 | .0025966 | .0106304 | 1979.235   | .0792897 | .0794489 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1404976 | 105.9062 | 11.01305 | F 888.0427 | .1573967 | .0073807 |
| Stddev | .0055636 | .6426    | .06592   | 4.8349     | .0013769 | .0005365 |
| %RSD   | 3.959898 | .6068084 | .5985527 | .5444394   | .8748038 | 7.268851 |
| #1     | .1452496 | 106.5386 | 11.08562 | 893.3399   | .1572225 | .0079854 |
| #2     | .1343776 | 105.9264 | 10.99665 | 886.9208   | .1561151 | .0071951 |
| #3     | .1418657 | 105.2537 | 10.95688 | 883.8675   | .1588524 | .0069617 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.648338 | .0640286 | 1.777049 | 3.418681 | 4.367320 | .0926840 |
| Stddev | .688168  | .0080645 | .012917  | .123314  | .071039  | .0010844 |
| %RSD   | 41.74922 | 12.59507 | .7268972 | 3.607052 | 1.626600 | 1.169962 |
| #1     | .993547  | .0730377 | 1.766203 | 3.469045 | 4.330149 | .0914487 |
| #2     | 2.365621 | .0615644 | 1.773604 | 3.508841 | 4.322578 | .0931244 |
| #3     | 1.585847 | .0574837 | 1.791339 | 3.278157 | 4.449232 | .0934788 |

Sample Name: P4963-19      Acquired: 12/12/2024 20:17:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ15      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032750 | 18.75116 | 8.683814 | .0651889 | .3640777 | .7371040 |
| Stddev | .0005708 | .31562   | .067419  | .0042716 | .0033021 | .0031015 |
| %RSD   | 17.42806 | 1.683212 | .7763721 | 6.552695 | .9069619 | .4207740 |
| #1     | .0035963 | 18.58984 | 8.758504 | .0609736 | .3673845 | .7392011 |
| #2     | .0026160 | 18.54881 | 8.665477 | .0650782 | .3607804 | .7385698 |
| #3     | .0036126 | 19.11484 | 8.627460 | .0695147 | .3640682 | .7335413 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1006137 |
| Stddev | .0050097 |
| %RSD   | 4.979107 |
| #1     | .1022818 |
| #2     | .1045764 |
| #3     | .0949828 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2187.666 | 22657.22 | 2723.712 | 1603.594 | 2321.781 |
| Stddev    | 26.076   | 44.43    | 21.050   | 3.440    | 31.168   |
| %RSD      | 1.191940 | .1960858 | .7728312 | .2144966 | 1.342408 |
| #1        | 2197.213 | 22661.58 | 2702.193 | 1607.325 | 2335.624 |
| #2        | 2207.623 | 22699.31 | 2724.685 | 1602.907 | 2343.629 |
| #3        | 2158.162 | 22610.77 | 2744.259 | 1600.549 | 2286.090 |

Sample Name: P4963-20      Acquired: 12/12/2024 20:21:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ16      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1053777 | .0176843 | 1.367545 | -.043878 | -.015047 | 23.04371 |
| Stddev | .0045958 | .0007389 | .029754  | .005080  | .001478  | .83313   |
| %RSD   | 4.361299 | 4.178097 | 2.175698 | 11.57772 | 9.825693 | 3.615441 |
| #1     | .1034902 | .0185002 | 1.357491 | -.038505 | -.014788 | 23.32376 |
| #2     | .1106168 | .0174925 | 1.401024 | -.048603 | -.016638 | 23.70073 |
| #3     | .1020262 | .0170603 | 1.344122 | -.044528 | -.013715 | 22.10663 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .3282870 | .0027083 | .0103580 | F 1751.167 | .1004545 | .0805676 |
| Stddev | .0122676 | .0001523 | .0001576 | 68.279     | .0030835 | .0019035 |
| %RSD   | 3.736846 | 5.624323 | 1.521365 | 3.899049   | 3.069535 | 2.362619 |
| #1     | .3304586 | .0028841 | .0102626 | 1778.743   | .0981170 | .0803657 |
| #2     | .3393237 | .0026158 | .0105399 | 1801.345   | .1039492 | .0825640 |
| #3     | .3150786 | .0026250 | .0102715 | 1673.412   | .0992973 | .0787731 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1131974 | 102.8686 | 11.20771 | F 888.4981 | .2245990 | .0076061 |
| Stddev | .0062887 | 3.3980   | .37628   | 30.9679    | .0057601 | .0007369 |
| %RSD   | 5.555547 | 3.303287 | 3.357309 | 3.485426   | 2.564603 | 9.688612 |
| #1     | .1202410 | 103.5820 | 11.28547 | 894.0412   | .2226119 | .0084535 |
| #2     | .1112051 | 105.8532 | 11.53903 | 916.3201   | .2310896 | .0072499 |
| #3     | .1081461 | 99.1704  | 10.79863 | 855.1329   | .2200956 | .0071150 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.972249 | .0806421 | 1.510940 | 3.266358 | 4.181644 | .0874591 |
| Stddev | .603155  | .0059612 | .056085  | .103048  | .098685  | .0028610 |
| %RSD   | 30.58207 | 7.392203 | 3.711895 | 3.154825 | 2.359965 | 3.271273 |
| #1     | 2.608788 | .0875125 | 1.473794 | 3.367402 | 4.143978 | .0878069 |
| #2     | 1.898744 | .0768413 | 1.575454 | 3.270256 | 4.293615 | .0901304 |
| #3     | 1.409216 | .0775723 | 1.483572 | 3.161417 | 4.107339 | .0844401 |

Sample Name: P4963-20      Acquired: 12/12/2024 20:21:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ16      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063863 | 17.00111 | 9.296959 | .0776493 | .4501771 | .5819439 |
| Stddev | .0005694 | .40484   | .278620  | .0018517 | .0180342 | .0199062 |
| %RSD   | 8.916319 | 2.381275 | 2.996894 | 2.384682 | 4.006025 | 3.420642 |
| #1     | .0057946 | 16.86239 | 9.386014 | .0758784 | .4484962 | .5863912 |
| #2     | .0064338 | 17.45708 | 9.520164 | .0795724 | .4689929 | .5992503 |
| #3     | .0069305 | 16.68387 | 8.984698 | .0774972 | .4330422 | .5601902 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0943535 |
| Stddev | .0023390 |
| %RSD   | 2.478941 |
| #1     | .0969619 |
| #2     | .0936555 |
| #3     | .0924429 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2172.167 | 22329.14 | 2706.312 | 1577.113 | 2342.923 |
| Stddev    | 35.789   | 766.66   | 78.898   | 51.553   | 46.450   |
| %RSD      | 1.647625 | 3.433436 | 2.915332 | 3.268835 | 1.982584 |
| #1        | 2190.807 | 22876.03 | 2678.889 | 1608.498 | 2366.017 |
| #2        | 2130.905 | 21452.83 | 2644.784 | 1517.614 | 2289.452 |
| #3        | 2194.788 | 22658.56 | 2795.262 | 1605.226 | 2373.300 |

Sample Name: P4963-21      Acquired: 12/12/2024 20:25:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ17      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2572773 | .0148857 | 1.532339 | -.034595   | -.010979 | 44.73655 |
| Stddev | .0022663 | .0006701 | .011132  | .000468    | .002363  | 1.24776  |
| %RSD   | .8808849 | 4.501327 | .7264572 | 1.351656   | 21.52409 | 2.789139 |
| #1     | .2577344 | .0155518 | 1.544620 | -.035019   | -.009671 | 45.42468 |
| #2     | .2548173 | .0142118 | 1.522913 | -.034093   | -.013708 | 43.29623 |
| #3     | .2592802 | .0148935 | 1.529482 | -.034674   | -.009560 | 45.48874 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4676497 | .0041826 | .0088547 | F 1643.608 | .0858771 | .0919079 |
| Stddev | .0126743 | .0002173 | .0001420 | 41.816     | .0032642 | .0011490 |
| %RSD   | 2.710206 | 5.195798 | 1.603460 | 2.544176   | 3.800997 | 1.250116 |
| #1     | .4745158 | .0039324 | .0090186 | 1668.279   | .0844687 | .0930631 |
| #2     | .4530238 | .0043253 | .0087693 | 1595.326   | .0896090 | .0907653 |
| #3     | .4754095 | .0042899 | .0087762 | 1667.218   | .0835535 | .0918955 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1365572 | 125.9122 | 10.27605 | 747.0564   | .1724805 | .0079625 |
| Stddev | .0030919 | 3.4828   | .26662   | 20.3252    | .0017398 | .0006218 |
| %RSD   | 2.264184 | 2.766074 | 2.594567 | 2.720710   | 1.008665 | 7.809512 |
| #1     | .1398503 | 128.1848 | 10.41082 | 759.8863   | .1744718 | .0086641 |
| #2     | .1337163 | 121.9025 | 9.96894  | 723.6221   | .1712551 | .0074792 |
| #3     | .1361050 | 127.6493 | 10.44837 | 757.6609   | .1717146 | .0077444 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.552939 | .1156559 | 1.352524 | 4.515649   | 4.084144 | .0824355 |
| Stddev | .595721  | .0119154 | .044160  | .292899    | .036941  | .0017401 |
| %RSD   | 38.36084 | 10.30249 | 3.265035 | 6.486302   | .9045089 | 2.110916 |
| #1     | .869930  | .1294146 | 1.352092 | 4.726295   | 4.122562 | .0827293 |
| #2     | 1.965202 | .1087754 | 1.396900 | 4.181173   | 4.048882 | .0805672 |
| #3     | 1.823687 | .1087776 | 1.308582 | 4.639478   | 4.080988 | .0840101 |

Sample Name: P4963-21      Acquired: 12/12/2024 20:25:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ17      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026799 | 16.70748 | 9.967260 | .0641187 | .9848416 | .7064680 |
| Stddev | .0002958 | .14217   | .211765  | .0006300 | .0225513 | .0185480 |
| %RSD   | 11.03625 | .8509139 | 2.124604 | .9826059 | 2.289840 | 2.625456 |
| #1     | .0029170 | 16.86010 | 10.00312 | .0636520 | .9974030 | .7166414 |
| #2     | .0027742 | 16.57881 | 9.73986  | .0648354 | .9588069 | .6850594 |
| #3     | .0023485 | 16.68354 | 10.15881 | .0638688 | .9983149 | .7177033 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1256892 |
| Stddev | .0041321 |
| %RSD   | 3.287577 |
| #1     | .1280219 |
| #2     | .1209182 |
| #3     | .1281275 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2261.437 | 23600.60 | 2753.502 | 1674.462 | 2415.425 |
| Stddev    | 9.890    | 544.00   | 69.093   | 40.702   | 13.047   |
| %RSD      | .4373229 | 2.305012 | 2.509284 | 2.430754 | .5401646 |
| #1        | 2252.807 | 23762.92 | 2733.254 | 1688.836 | 2403.287 |
| #2        | 2272.229 | 22993.92 | 2830.457 | 1628.523 | 2429.222 |
| #3        | 2259.274 | 24044.96 | 2696.796 | 1706.026 | 2413.765 |

Sample Name: P4963-22      Acquired: 12/12/2024 20:29:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ18      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1848523 | .0107706 | .9075388 | -.031487 | -.006106 | 106.6892 |
| Stddev | .0050636 | .0034291 | .0024820 | .004695  | .001442  | .3700    |
| %RSD   | 2.739285 | 31.83774 | .2734832 | 14.91035 | 23.62253 | .3468135 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1887058 | .0070892 | .9099456 | -.030368 | -.005058 | 106.8724 |
| #2 | .1867339 | .0138740 | .9076829 | -.027453 | -.005509 | 106.2634 |
| #3 | .1791172 | .0113485 | .9049880 | -.036640 | -.007751 | 106.9320 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .7398931 | .0069323 | .0071138 | F 816.7838 | .1324804 | .1128987 |
| Stddev | .0021421 | .0001157 | .0001356 | 1.8443     | .0003066 | .0002114 |
| %RSD   | .2895153 | 1.669610 | 1.906709 | .2258057   | .2314531 | .1872590 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .7405403 | .0070655 | .0069702 | 815.6562 | .1326265 | .1130805 |
| #2 | .7375021 | .0068571 | .0071312 | 815.7829 | .1321281 | .1126667 |
| #3 | .7416370 | .0068741 | .0072398 | 818.9122 | .1326867 | .1129489 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1223399 | 167.6546 | 6.542285 | 239.4755 | .1894111 | .0069585 |
| Stddev | .0031964 | .4673    | .016169  | .7015    | .0003770 | .0007227 |
| %RSD   | 2.612696 | .2787245 | .2471418 | .2929495 | .1990422 | 10.38622 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1195337 | 167.4800 | 6.552560 | 239.8615 | .1894498 | .0061522 |
| #2 | .1216668 | 167.2997 | 6.523648 | 238.6657 | .1890162 | .0075481 |
| #3 | .1258192 | 168.1840 | 6.550647 | 239.8993 | .1897673 | .0071751 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.718128 | .2191134 | 1.105570 | 5.634160 | 4.728717 | .0883611 |
| Stddev | .277614  | .0135333 | .009377  | .075758  | .006443  | .0019637 |
| %RSD   | 16.15791 | 6.176399 | .8482009 | 1.344621 | .1362450 | 2.222330 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.498150 | .2069120 | 1.095169 | 5.624568 | 4.729708 | .0901787 |
| #2 | 2.030049 | .2336696 | 1.113378 | 5.714257 | 4.734608 | .0862783 |
| #3 | 1.626184 | .2167588 | 1.108163 | 5.563654 | 4.721837 | .0886263 |



Sample Name: P4963-22      Acquired: 12/12/2024 20:29:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ18      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028018 | 13.99840 | 26.86554 | .0408388 | 2.161291 | .7078788 |
| Stddev | .0004010 | .03582   | .29298   | .0008199 | .006539  | .0014563 |
| %RSD   | 14.31116 | .2559161 | 1.090544 | 2.007591 | .3025395 | .2057202 |
| #1     | .0027228 | 13.95745 | 26.75633 | .0405787 | 2.164967 | .7076829 |
| #2     | .0024463 | 14.02397 | 26.64285 | .0401805 | 2.153741 | .7065304 |
| #3     | .0032365 | 14.01377 | 27.19744 | .0417572 | 2.165164 | .7094231 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1623899 |
| Stddev | .0057614 |
| %RSD   | 3.547899 |
| #1     | .1567520 |
| #2     | .1621504 |
| #3     | .1682674 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2392.557 | 23818.18 | 2784.604 | 1717.768 | 2619.645 |
| Stddev    | 13.329   | 63.58    | 23.616   | 5.568    | 9.778    |
| %RSD      | .5571198 | .2669438 | .8480937 | .3241488 | .3732656 |
| #1        | 2389.831 | 23744.89 | 2791.832 | 1714.321 | 2614.778 |
| #2        | 2380.802 | 23858.57 | 2803.761 | 1714.792 | 2613.255 |
| #3        | 2407.039 | 23851.09 | 2758.218 | 1724.192 | 2630.902 |

Sample Name: P4964-04      Acquired: 12/12/2024 20:33:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0417179 | .0187151 | 1.010373 | -.038463 | -.016597 | 25.43519 |
| Stddev | .0035180 | .0028496 | .003738  | .003050  | .002320  | .15281   |
| %RSD   | 8.432839 | 15.22616 | .3699496 | 7.928865 | 13.97838 | .6007693 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0449622 | .0211449 | 1.010177 | -.035741 | -.015469 | 25.50130 |
| #2 | .0379786 | .0155787 | 1.014206 | -.037890 | -.019265 | 25.26046 |
| #3 | .0422131 | .0194218 | 1.006738 | -.041759 | -.015057 | 25.54381 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .4088045 | .0028073 | .0092050 | F 1524.176 | .0728812 | .0764032 |
| Stddev | .0043268 | .0000778 | .0000443 | 10.421     | .0002992 | .0010126 |
| %RSD   | 1.058404 | 2.769722 | .4812858 | .6836907   | .4105277 | 1.325284 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4127240 | .0028936 | .0092459 | 1531.606 | .0730424 | .0774339 |
| #2 | .4041616 | .0027428 | .0091579 | 1528.658 | .0730652 | .0763658 |
| #3 | .4095278 | .0027854 | .0092112 | 1512.265 | .0725359 | .0754098 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2102284 | 110.3122 | 10.43816 | 757.2247 | .1354530 | .0077672 |
| Stddev | .0062523 | 1.0895   | .07133   | 4.8889   | .0016495 | .0001042 |
| %RSD   | 2.974063 | .9876604 | .6833377 | .6456328 | 1.217794 | 1.341520 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2030111 | 110.9064 | 10.48116 | 760.9323 | .1364100 | .0078114 |
| #2 | .2136785 | 109.0548 | 10.35583 | 751.6842 | .1335483 | .0076482 |
| #3 | .2139955 | 110.9754 | 10.47750 | 759.0576 | .1364007 | .0078420 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.380806 | .0687817 | 1.744138 | 4.484118 | 5.239485 | .1100235 |
| Stddev | .100068  | .0029822 | .013336  | .062411  | .011084  | .0005115 |
| %RSD   | 7.247063 | 4.335695 | .7646015 | 1.391812 | .2115404 | .4648606 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.380986 | .0717285 | 1.735322 | 4.466151 | 5.230495 | .1098997 |
| #2 | 1.480784 | .0657654 | 1.737612 | 4.553541 | 5.236091 | .1095852 |
| #3 | 1.280649 | .0688511 | 1.759479 | 4.432661 | 5.251869 | .1105854 |

Sample Name: P4964-04      Acquired: 12/12/2024 20:33:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ02      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023993 | 16.70289 | 8.431198 | .0735990 | .4978715 | .5233307 |
| Stddev | .0006415 | .02137   | .059182  | .0017942 | .0022222 | .0016723 |
| %RSD   | 26.73649 | .1279443 | .7019408 | 2.437753 | .4463311 | .3195497 |
| #1     | .0021444 | 16.71851 | 8.499085 | .0724255 | .4975152 | .5248822 |
| #2     | .0031291 | 16.67853 | 8.390475 | .0727073 | .4958490 | .5215594 |
| #3     | .0019245 | 16.71162 | 8.404032 | .0756644 | .5002503 | .5235506 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0872079 |
| Stddev | .0028791 |
| %RSD   | 3.301437 |
| #1     | .0904522 |
| #2     | .0862143 |
| #3     | .0849572 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2257.122 | 22829.62 | 2705.577 | 1623.841 | 2419.981 |
| Stddev    | 5.564    | 42.55    | 6.782    | 8.800    | 6.300    |
| %RSD      | .2464894 | .1863704 | .2506727 | .5419459 | .2603498 |
| #1        | 2251.196 | 22861.17 | 2697.752 | 1633.352 | 2412.786 |
| #2        | 2257.939 | 22846.46 | 2709.760 | 1622.186 | 2424.515 |
| #3        | 2262.233 | 22781.23 | 2709.218 | 1615.986 | 2422.640 |

Sample Name: P4964-05      Acquired: 12/12/2024 20:37:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0499299 | .0169311 | .7968339 | -.040549   | -.016982 | 19.74339 |
| Stddev | .0031634 | .0028827 | .0062985 | .000585    | .001912  | .00930   |
| %RSD   | 6.335674 | 17.02595 | .7904446 | 1.442030   | 11.25651 | .0470884 |
| #1     | .0462912 | .0139889 | .8012485 | -.039879   | -.018903 | 19.75392 |
| #2     | .0514712 | .0197503 | .7896211 | -.040956   | -.015080 | 19.73991 |
| #3     | .0520272 | .0170540 | .7996322 | -.040812   | -.016963 | 19.73633 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2283745 | .0025009 | .0508477 | F 1831.311 | .0537919 | .0761904 |
| Stddev | .0002886 | .0000664 | .0004342 | 4.930      | .0012779 | .0000754 |
| %RSD   | .1263797 | 2.654368 | .8538888 | .2692202   | 2.375667 | .0988959 |
| #1     | .2285141 | .0024609 | .0508084 | 1826.588   | .0552579 | .0762772 |
| #2     | .2280426 | .0025775 | .0504345 | 1836.425   | .0529134 | .0761415 |
| #3     | .2285667 | .0024642 | .0513002 | 1830.921   | .0532044 | .0761526 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1143575 | 109.3387 | 11.48662 | F 931.3592 | .1150681 | .0073385 |
| Stddev | .0064481 | .2931    | .02113   | 2.6201     | .0009224 | .0007865 |
| %RSD   | 5.638556 | .2680459 | .1839920 | .2813153   | .8016082 | 10.71749 |
| #1     | .1170018 | 109.0835 | 11.47142 | 930.1520   | .1151032 | .0074488 |
| #2     | .1070076 | 109.2739 | 11.47768 | 929.5604   | .1141287 | .0080641 |
| #3     | .1190631 | 109.6588 | 11.51075 | 934.3653   | .1159725 | .0065027 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.446841 | .0544865 | 8.570113 | 4.903314   | 3.205445 | .1002459 |
| Stddev | .239571  | .0022979 | .013933  | .128656    | .020051  | .0037663 |
| %RSD   | 16.55820 | 4.217363 | .1625795 | 2.623850   | .6255261 | 3.757057 |
| #1     | 1.599752 | .0561191 | 8.554085 | 4.853117   | 3.196365 | .1045022 |
| #2     | 1.570031 | .0518588 | 8.579340 | 4.807325   | 3.191540 | .0973447 |
| #3     | 1.170742 | .0554816 | 8.576913 | 5.049502   | 3.228430 | .0988908 |

Sample Name: P4964-05      Acquired: 12/12/2024 20:37:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ03      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000428 | 26.80135 | 7.933962 | .0467282 | .2433857 | .5513168 |
| Stddev | .0006493 | .15427   | .010718  | .0023036 | .0046800 | .0005072 |
| %RSD   | 1518.066 | .5755958 | .1350895 | 4.929836 | 1.922851 | .0920008 |
| #1     | .0006440 | 26.73624 | 7.946272 | .0492544 | .2408633 | .5516444 |
| #2     | .0001301 | 26.69032 | 7.926705 | .0447437 | .2487858 | .5507326 |
| #3     | -.000646 | 26.97751 | 7.928909 | .0461864 | .2405081 | .5515734 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0871439 |
| Stddev | .0032970 |
| %RSD   | 3.783444 |
| #1     | .0894395 |
| #2     | .0833659 |
| #3     | .0886265 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2219.680 | 22834.19 | 2698.140 | 1617.068 | 2382.513 |
| Stddev    | 12.289   | 58.30    | 4.366    | 2.397    | 12.507   |
| %RSD      | .5536361 | .2553262 | .1618105 | .1482110 | .5249356 |
| #1        | 2216.030 | 22791.55 | 2699.683 | 1617.081 | 2380.095 |
| #2        | 2233.381 | 22810.38 | 2693.212 | 1614.665 | 2396.052 |
| #3        | 2209.630 | 22900.62 | 2701.524 | 1619.458 | 2371.392 |

Sample Name: P4964-06      Acquired: 12/12/2024 20:41:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0409480 | .0185880 | .6486965 | -.046710 | -.015737 | 16.93713 |
| Stddev | .0026453 | .0011168 | .0030365 | .001129  | .003433  | .96074   |
| %RSD   | 6.460025 | 6.008267 | .4680887 | 2.417719 | 21.81496 | 5.672377 |
| #1     | .0435282 | .0193888 | .6475391 | -.047690 | -.011858 | 15.95869 |
| #2     | .0382422 | .0190631 | .6521415 | -.045475 | -.018383 | 17.87913 |
| #3     | .0410736 | .0173122 | .6464090 | -.046965 | -.016972 | 16.97357 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2081303 | .0023169 | .0065492 | F 2106.133 | .0506670 | .0748221 |
| Stddev | .0122623 | .0000598 | .0001490 | 104.484    | .0011747 | .0009084 |
| %RSD   | 5.891629 | 2.582998 | 2.274654 | 4.960943   | 2.318431 | 1.214084 |
| #1     | .1954146 | .0022886 | .0067212 | 2014.517   | .0518681 | .0741909 |
| #2     | .2198822 | .0022764 | .0064657 | 2219.924   | .0506122 | .0758632 |
| #3     | .2090941 | .0023856 | .0064607 | 2083.957   | .0495207 | .0744121 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0750049 | 110.4623 | 11.77745 | F 1104.230 | .0914154 | .0083663 |
| Stddev | .0111217 | 6.0486   | .64535   | 62.685     | .0007140 | .0009333 |
| %RSD   | 14.82795 | 5.475760 | 5.479562 | 5.676766   | .7810669 | 11.15579 |
| #1     | .0669006 | 104.2685 | 11.12085 | 1039.459   | .0922294 | .0075816 |
| #2     | .0704297 | 116.3545 | 12.41093 | 1164.595   | .0911221 | .0093984 |
| #3     | .0876845 | 110.7639 | 11.80057 | 1108.637   | .0908948 | .0081188 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.923246 | .0426419 | 1.050625 | 6.291787 | 2.207550 | .1104909 |
| Stddev | 1.214595 | .0026981 | .007721  | .729867  | .018525  | .0093913 |
| %RSD   | 63.15339 | 6.327267 | .7348645 | 11.60031 | .8391694 | 8.499592 |
| #1     | 2.141189 | .0442092 | 1.042850 | 5.600474 | 2.198314 | .1002616 |
| #2     | 3.014115 | .0441900 | 1.050736 | 7.054901 | 2.228877 | .1187229 |
| #3     | .614434  | .0395264 | 1.058290 | 6.219985 | 2.195458 | .1124881 |

Sample Name: P4964-06      Acquired: 12/12/2024 20:41:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ04      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000442 | 30.16734 | 7.769317 | .0369351 | .1501609 | .6515271 |
| Stddev | .000505  | .22846   | .334730  | .0002741 | .0091711 | .0362177 |
| %RSD   | 114.1057 | .7573047 | 4.308355 | .7420140 | 6.107506 | 5.558898 |
| #1     | -.000088 | 30.02281 | 7.426358 | .0366642 | .1407768 | .6148665 |
| #2     | -.001021 | 30.43072 | 8.095161 | .0369290 | .1591030 | .6872851 |
| #3     | -.000219 | 30.04848 | 7.786432 | .0372122 | .1506029 | .6524298 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0884165 |
| Stddev | .0048429 |
| %RSD   | 5.477386 |
| #1     | .0828483 |
| #2     | .0916482 |
| #3     | .0907530 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2199.521 | 22508.46 | 2693.650 | 1598.048 | 2350.527 |
| Stddev    | 13.050   | 36.27    | 115.545  | 4.375    | 18.905   |
| %RSD      | .5933271 | .1611196 | 4.289548 | .2737999 | .8043058 |
| #1        | 2201.526 | 22549.78 | 2809.859 | 1602.993 | 2355.734 |
| #2        | 2185.584 | 22481.87 | 2578.780 | 1594.678 | 2329.563 |
| #3        | 2211.453 | 22493.75 | 2692.310 | 1596.472 | 2366.283 |

Sample Name: P4964-07      Acquired: 12/12/2024 20:45:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0377736 | .0189453 | .5536027 | -.034496   | -.012375 | 27.91862 |
| Stddev | .0040304 | .0027655 | .0045788 | .003914    | .001216  | 1.13553  |
| %RSD   | 10.67003 | 14.59708 | .8270835 | 11.34553   | 9.829486 | 4.067273 |
| #1     | .0378086 | .0213322 | .5519428 | -.033805   | -.011545 | 28.88808 |
| #2     | .0337257 | .0159148 | .5500854 | -.038710   | -.011810 | 26.66934 |
| #3     | .0417864 | .0195889 | .5587799 | -.030975   | -.013772 | 28.19844 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .2909666 | .0027281 | .0063353 | F 1345.640 | .0496775 | .0790133 |
| Stddev | .0110477 | .0001378 | .0000390 | 38.321     | .0009903 | .0000463 |
| %RSD   | 3.796893 | 5.051531 | .6161125 | 2.847822   | 1.993396 | .0586078 |
| #1     | .3000180 | .0028836 | .0063558 | 1382.097   | .0507198 | .0790123 |
| #2     | .2786559 | .0026796 | .0063597 | 1305.693   | .0487492 | .0789675 |
| #3     | .2942258 | .0026212 | .0062903 | 1349.130   | .0495633 | .0790601 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0968156 | 101.8883 | 9.539426 | 685.0681   | .0972180 | .0065145 |
| Stddev | .0014100 | 4.0333   | .367542  | 27.2223    | .0014657 | .0008036 |
| %RSD   | 1.456423 | 3.958534 | 3.852876 | 3.973668   | 1.507665 | 12.33613 |
| #1     | .0952488 | 105.3317 | 9.856095 | 708.0045   | .0981787 | .0072605 |
| #2     | .0972155 | 97.4510  | 9.136392 | 654.9855   | .0955310 | .0066194 |
| #3     | .0979825 | 102.8824 | 9.625791 | 692.2141   | .0979444 | .0056635 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.376526 | .0655325 | 1.253678 | 4.828529   | 3.151438 | .0701524 |
| Stddev | .041773  | .0035552 | .018434  | .351370    | .015017  | .0047030 |
| %RSD   | 3.034691 | 5.425112 | 1.470372 | 7.276964   | .4765265 | 6.704027 |
| #1     | 1.333057 | .0695887 | 1.269123 | 5.196773   | 3.152349 | .0755813 |
| #2     | 1.380154 | .0640519 | 1.233271 | 4.496900   | 3.135985 | .0673187 |
| #3     | 1.416367 | .0629568 | 1.258639 | 4.791913   | 3.165979 | .0675574 |



Sample Name: P4964-07      Acquired: 12/12/2024 20:45:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ05      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000861 | 16.90326 | 8.662336 | .0336750 | .4806033 | .4188685 |
| Stddev | .000649  | .09566   | .314015  | .0006218 | .0216071 | .0164020 |
| %RSD   | 75.31616 | .5659511 | 3.625058 | 1.846619 | 4.495826 | 3.915796 |
| #1     | -.000147 | 16.94148 | 8.903000 | .0334868 | .4972015 | .4326355 |
| #2     | -.001024 | 16.79440 | 8.307130 | .0331690 | .4561722 | .4007209 |
| #3     | -.001413 | 16.97391 | 8.776879 | .0343692 | .4884363 | .4232491 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0811419 |
| Stddev | .0009696 |
| %RSD   | 1.194895 |
| #1     | .0801024 |
| #2     | .0813017 |
| #3     | .0820216 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2309.324 | 23726.21 | 2825.745 | 1689.537 | 2467.315 |
| Stddev    | 8.547    | 165.44   | 92.514   | 13.696   | 9.572    |
| %RSD      | .3700966 | .6972743 | 3.273973 | .8106103 | .3879590 |
| #1        | 2310.409 | 23633.14 | 2753.388 | 1680.431 | 2467.809 |
| #2        | 2317.276 | 23917.22 | 2929.984 | 1705.288 | 2476.631 |
| #3        | 2300.287 | 23628.28 | 2793.864 | 1682.894 | 2457.506 |

Sample Name: P4964-08      Acquired: 12/12/2024 20:49:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .1454305 | .0071100 | 2.603329 | -.006019 | .0016607   | 59.52502 |
| Stddev | .0009023 | .0016490 | .052948  | .002534  | .0020222   | .39431   |
| %RSD   | .6204252 | 23.19236 | 2.033875 | 42.09310 | 121.7627   | .6624340 |
| #1     | .1444295 | .0077218 | 2.571074 | -.008864 | .0024199   | 59.13386 |
| #2     | .1456805 | .0052425 | 2.664437 | -.005188 | -.000631   | 59.92241 |
| #3     | .1461814 | .0083656 | 2.574476 | -.004006 | .003194    | 59.51879 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.376888 | .0070309 | .0093935 | 149.4458 | .1387091   | .1036436 |
| Stddev | .008609  | .0000121 | .0001262 | .6604    | .0032373   | .0024739 |
| %RSD   | .6252681 | .1713282 | 1.343152 | .4418968 | 2.333852   | 2.386961 |
| #1     | 1.369476 | .0070386 | .0093083 | 148.7287 | .1424256   | .1016988 |
| #2     | 1.386331 | .0070371 | .0095384 | 150.0290 | .1365036   | .1064281 |
| #3     | 1.374856 | .0070170 | .0093338 | 149.5797 | .1371981   | .1028038 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4406931 | 146.3387 | 9.472566 | 54.45932 | .2418584   | .0105750 |
| Stddev | .0092108 | .6523    | .047382  | .34316   | .0056859   | .0006149 |
| %RSD   | 2.090068 | .4457238 | .5002046 | .6301306 | 2.350931   | 5.814718 |
| #1     | .4303602 | 145.6724 | 9.419074 | 54.11312 | .2382576   | .0100373 |
| #2     | .4436773 | 146.9760 | 9.509264 | 54.79937 | .2484133   | .0104423 |
| #3     | .4480418 | 146.3677 | 9.489360 | 54.46548 | .2389043   | .0112454 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .4714942 | .1650296 | 2.160792 | 4.765341 | F 13.15544 | .0575627 |
| Stddev | .2504175 | .0147733 | .040039  | .121547  | .28026     | .0003729 |
| %RSD   | 53.11147 | 8.951906 | 1.852970 | 2.550651 | 2.130385   | .6478659 |
| #1     | .5937182 | .1757987 | 2.206825 | 4.628583 | 12.98626   | .0579282 |
| #2     | .1834353 | .1481877 | 2.141489 | 4.861044 | 13.47895   | .0575770 |
| #3     | .6373290 | .1711024 | 2.134061 | 4.806396 | 13.00112   | .0571828 |

Sample Name: P4964-08      Acquired: 12/12/2024 20:49:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ20      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0081849 | 5.910696 | 9.769740 | .1184006 | 1.249430 | .1173666 |
| Stddev | .0001447 | .117734  | .022220  | .0028525 | .007383  | .0006975 |
| %RSD   | 1.767352 | 1.991880 | .2274335 | 2.409202 | .5909191 | .5942664 |
| #1     | .0083519 | 5.846113 | 9.744157 | .1165528 | 1.240947 | .1166611 |
| #2     | .0081028 | 6.046588 | 9.780854 | .1216859 | 1.252943 | .1173830 |
| #3     | .0081000 | 5.839387 | 9.784211 | .1169631 | 1.254402 | .1180558 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0868402 |
| Stddev | .0033594 |
| %RSD   | 3.868541 |
| #1     | .0898029 |
| #2     | .0831903 |
| #3     | .0875273 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2777.898 | 27597.47 | 3134.035 | 2006.526 | 3004.122 |
| Stddev    | 40.855   | 432.35   | 19.670   | 33.198   | 58.164   |
| %RSD      | 1.470734 | 1.566627 | .6276408 | 1.654487 | 1.936140 |
| #1        | 2807.244 | 27101.80 | 3156.480 | 1968.457 | 3039.889 |
| #2        | 2731.236 | 27793.72 | 3119.795 | 2021.662 | 2937.008 |
| #3        | 2795.213 | 27896.89 | 3125.831 | 2029.457 | 3035.467 |

Sample Name: P4964-09      Acquired: 12/12/2024 20:53:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ21      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1534136 | .0118564 | 2.635901 | -.006464 | -.000079 | 58.36148 |
| Stddev | .0016006 | .0013385 | .090647  | .001607  | .000484  | .23467   |
| %RSD   | 1.043328 | 11.28902 | 3.438952 | 24.85994 | 610.0041 | .4020982 |
| #1     | .1517347 | .0103258 | 2.535367 | -.005744 | .000247  | 58.62196 |
| #2     | .1535837 | .0128072 | 2.660938 | -.005343 | .000150  | 58.29590 |
| #3     | .1549223 | .0124363 | 2.711399 | -.008305 | -.000636 | 58.16657 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.503146 | .0065185 | .0101148 | 180.9165 | .1252251 | .1047203 |
| Stddev | .005269  | .0000561 | .0004142 | .1163    | .0029273 | .0035090 |
| %RSD   | .3505145 | .8604419 | 4.094473 | .0642944 | 2.337653 | 3.350805 |
| #1     | 1.509226 | .0065455 | .0096419 | 180.8855 | .1224774 | .1007202 |
| #2     | 1.499934 | .0064540 | .0102900 | 180.8189 | .1248940 | .1061613 |
| #3     | 1.500277 | .0065559 | .0104126 | 181.0452 | .1283039 | .1072793 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4934251 | 144.3926 | 9.304642 | 60.43952 | .2357152 | .0100111 |
| Stddev | .0072650 | .3564    | .024371  | .08180   | .0082734 | .0005564 |
| %RSD   | 1.472363 | .2468544 | .2619223 | .1353340 | 3.509935 | 5.557649 |
| #1     | .4912713 | 144.7839 | 9.328800 | 60.53279 | .2267751 | .0095507 |
| #2     | .4874804 | 144.0863 | 9.280064 | 60.40578 | .2372687 | .0098534 |
| #3     | .5015234 | 144.3078 | 9.305063 | 60.38000 | .2431018 | .0106294 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.214479 | .1671350 | 2.092618 | 4.771217 | F 13.83286 | .0511343 |
| Stddev | .690648  | .0046637 | .044846  | .108110  | .48296     | .0015761 |
| %RSD   | 56.86786 | 2.790353 | 2.143073 | 2.265884 | 3.491416   | 3.082361 |
| #1     | .510336  | .1687604 | 2.054162 | 4.822270 | 13.29704   | .0505727 |
| #2     | 1.890790 | .1618762 | 2.081813 | 4.647034 | 13.96690   | .0529143 |
| #3     | 1.242310 | .1707685 | 2.141880 | 4.844346 | 14.23465   | .0499158 |

Sample Name: P4964-09      Acquired: 12/12/2024 20:53:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ21      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0072233 | 4.130292 | 9.182430 | .1398786 | 1.187566 | .1341859 |
| Stddev    | .0002331 | .142073  | .061363  | .0050086 | .011992  | .0001153 |
| %RSD      | 3.226960 | 3.439788 | .6682637 | 3.580678 | 1.009830 | .0859351 |
| #1        | .0069792 | 3.973056 | 9.230596 | .1341258 | 1.199612 | .1340639 |
| #2        | .0074436 | 4.168381 | 9.113342 | .1422405 | 1.187458 | .1342007 |
| #3        | .0072471 | 4.249438 | 9.203352 | .1432696 | 1.175628 | .1342931 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0913858 |          |          |          |          |          |
| Stddev    | .0017712 |          |          |          |          |          |
| %RSD      | 1.938138 |          |          |          |          |          |
| #1        | .0911873 |          |          |          |          |          |
| #2        | .0897223 |          |          |          |          |          |
| #3        | .0932479 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2792.952 | 27760.39 | 3125.252 | 2014.922 | 2967.278 |          |
| Stddev    | 40.880   | 384.36   | 22.251   | 27.500   | 73.403   |          |
| %RSD      | 1.463698 | 1.384551 | .7119857 | 1.364811 | 2.473744 |          |
| #1        | 2839.974 | 28072.32 | 3099.798 | 2033.104 | 3050.190 |          |
| #2        | 2773.030 | 27877.83 | 3141.011 | 2028.376 | 2941.058 |          |
| #3        | 2765.851 | 27331.01 | 3134.947 | 1983.285 | 2910.585 |          |

Sample Name: P4964-10      Acquired: 12/12/2024 20:56:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ22      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1784102 | .0092437 | 3.286344 | -.005119 | .0017436 | 68.38763 |
| Stddev | .0052547 | .0021315 | .013812  | .004037  | .0026939 | .15738   |
| %RSD   | 2.945279 | 23.05954 | .4202815 | 78.86399 | 154.5014 | .2301296 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1758698 | .0088837 | 3.299932 | -.009413 | .0018627 | 68.20590 |
| #2 | .1749084 | .0115323 | 3.272319 | -.004541 | -.001008 | 68.47814 |
| #3 | .1844523 | .0073150 | 3.286781 | -.001402 | .004376  | 68.47884 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.811782 | .0078752 | .0130976 | 263.4953 | .1551748 | .1260531 |
| Stddev | .004880  | .0001544 | .0001803 | .6855    | .0041426 | .0005538 |
| %RSD   | .2693258 | 1.960631 | 1.376937 | .2601547 | 2.669662 | .4393648 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.806148 | .0077709 | .0132206 | 262.7212 | .1563722 | .1266458 |
| #2 | 1.814605 | .0080526 | .0131817 | 264.0254 | .1585868 | .1259649 |
| #3 | 1.814594 | .0078022 | .0128906 | 263.7392 | .1505653 | .1255487 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .6140161 | 164.7053 | 11.43471 | 71.53337 | .2657910 | .0117110 |
| Stddev | .0025742 | .2673    | .01232   | .22062   | .0009201 | .0006251 |
| %RSD   | .4192446 | .1622675 | .1077429 | .3084143 | .3461682 | 5.338144 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6110437 | 164.5645 | 11.42247 | 71.44411 | .2668492 | .0124153 |
| #2 | .6155046 | 164.5378 | 11.43455 | 71.37137 | .2651800 | .0112218 |
| #3 | .6155001 | 165.0135 | 11.44711 | 71.78463 | .2653437 | .0114959 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | 1.085509 | .1943894 | 2.718200 | 5.567882 | F 15.24939 | .0610297 |
| Stddev | .143019  | .0010551 | .028016  | .214564  | .06552     | .0010693 |
| %RSD   | 13.17526 | .5427630 | 1.030676 | 3.853601 | .4296726   | 1.752163 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.160495 | .1951978 | 2.728961 | 5.609954 | 15.31387 | .0611142 |
| #2 | 1.175441 | .1947746 | 2.739240 | 5.758293 | 15.18288 | .0620542 |
| #3 | .920591  | .1931959 | 2.686399 | 5.335398 | 15.25143 | .0599206 |

Sample Name: P4964-10      Acquired: 12/12/2024 20:56:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ22      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0078364 | 4.410386 | 9.471589 | .1546478 | 1.264571 | .2685791 |
| Stddev | .0002966 | .010699  | .061705  | .0007281 | .001380  | .0009168 |
| %RSD   | 3.784647 | .2425875 | .6514705 | .4708357 | .1091619 | .3413602 |
| #1     | .0076759 | 4.412157 | 9.471923 | .1551265 | 1.266087 | .2675336 |
| #2     | .0081787 | 4.398912 | 9.533125 | .1550072 | 1.264240 | .2692459 |
| #3     | .0076547 | 4.420090 | 9.409717 | .1538099 | 1.263387 | .2689577 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1079837 |
| Stddev | .0029610 |
| %RSD   | 2.742057 |
| #1     | .1087374 |
| #2     | .1104950 |
| #3     | .1047187 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2850.977 | 28730.01 | 3227.108 | 2079.126 | 2891.220 |
| Stddev    | 4.728    | 451.72   | 6.611    | 29.595   | 4.991    |
| %RSD      | .1658437 | 1.572299 | .2048723 | 1.423424 | .1726407 |
| #1        | 2846.436 | 28651.77 | 3234.301 | 2072.865 | 2885.457 |
| #2        | 2850.623 | 28322.52 | 3225.728 | 2053.162 | 2894.201 |
| #3        | 2855.872 | 29215.74 | 3221.296 | 2111.350 | 2894.001 |

Sample Name: P4964-11      Acquired: 12/12/2024 21:00:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ23      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1615246 | .0112859 | 3.077074 | -.008667 | -.000292 | 60.88319 |
| Stddev | .0016047 | .0028238 | .019282  | .005019  | .001149  | .35554   |
| %RSD   | .9934870 | 25.02047 | .6266386 | 57.91062 | 393.1394 | .5839709 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1627139 | .0091905 | 3.084039 | -.013983 | -.001445 | 60.69202 |
| #2 | .1596993 | .0101701 | 3.091905 | -.004010 | .000852  | 61.29342 |
| #3 | .1621604 | .0144972 | 3.055277 | -.008009 | -.000284 | 60.66414 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.867075 | .0066511 | .0086621 | 334.8306 | .1300327 | .1189998 |
| Stddev | .006481  | .0000666 | .0001129 | 1.1402   | .0020379 | .0007682 |
| %RSD   | .3471072 | 1.001887 | 1.303557 | .3405399 | 1.567244 | .6455375 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.862924 | .0067210 | .0086579 | 334.0526 | .1323858 | .1192259 |
| #2 | 1.874543 | .0066441 | .0087771 | 336.1395 | .1288379 | .1196295 |
| #3 | 1.863758 | .0065883 | .0085514 | 334.2997 | .1288743 | .1181439 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5162837 | 157.7433 | 11.84642 | 82.46001 | .2044762 | .0108066 |
| Stddev | .0017114 | .7156    | .06653   | .37613   | .0019445 | .0008117 |
| %RSD   | .3314866 | .4536743 | .5616331 | .4561322 | .9509576 | 7.511191 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5149613 | 157.3975 | 11.79292 | 82.40080 | .2052698 | .0114846 |
| #2 | .5182166 | 158.5662 | 11.92092 | 82.86223 | .2058983 | .0099072 |
| #3 | .5156732 | 157.2663 | 11.82543 | 82.11700 | .2022604 | .0110280 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .6832040 | .1804934 | 1.902533 | 5.707358 | F 13.34053 | .0507021 |
| Stddev | .2902719 | .0059316 | .021042  | .141198  | .08521     | .0006363 |
| %RSD   | 42.48685 | 3.286335 | 1.105997 | 2.473968 | .6387187   | 1.254964 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8394563 | .1736444 | 1.920316 | 5.702537 | 13.36514 | .0500048 |
| #2 | .3482771 | .1838688 | 1.907980 | 5.850905 | 13.41073 | .0512513 |
| #3 | .8618788 | .1839671 | 1.879303 | 5.568632 | 13.24572 | .0508501 |



Sample Name: P4964-11      Acquired: 12/12/2024 21:00:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHJ23      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0066276 | 3.678261 | 9.019927 | .1260670 | 1.210290 | .2574752 |
| Stddev    | .0003723 | .028465  | .049233  | .0025801 | .006833  | .0006641 |
| %RSD      | 5.617604 | .7738598 | .5458271 | 2.046599 | .5645864 | .2579105 |
| #1        | .0064919 | 3.694197 | 9.024885 | .1262706 | 1.210128 | .2570639 |
| #2        | .0063421 | 3.695188 | 9.066494 | .1285392 | 1.217203 | .2582413 |
| #3        | .0070487 | 3.645398 | 8.968402 | .1233911 | 1.203540 | .2571204 |
| Elem      | Li6707   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | .0948142 |          |          |          |          |          |
| Stddev    | .0027431 |          |          |          |          |          |
| %RSD      | 2.893156 |          |          |          |          |          |
| #1        | .0921702 |          |          |          |          |          |
| #2        | .0976467 |          |          |          |          |          |
| #3        | .0946255 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 2802.693 | 28023.48 | 3164.320 | 2025.811 | 2865.828 |          |
| Stddev    | 10.555   | 389.28   | 27.567   | 21.023   | 15.616   |          |
| %RSD      | .3766063 | 1.389124 | .8711843 | 1.037745 | .5448929 |          |
| #1        | 2802.920 | 27586.17 | 3165.125 | 2001.822 | 2868.253 |          |
| #2        | 2792.027 | 28152.11 | 3136.359 | 2034.585 | 2849.141 |          |
| #3        | 2813.133 | 28332.18 | 3191.476 | 2041.025 | 2880.089 |          |

Sample Name: CCV004      Acquired: 12/12/2024 21:04:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.928319 | 4.622439 | 23.70792 | 4.952218 | 4.624941 | 392.8689 | 9.783300 |
| Stddev | .025042  | .057187  | .32379   | .064200  | .063004  | 8.2318   | .206956  |
| %RSD   | .5081305 | 1.237167 | 1.365743 | 1.296394 | 1.362270 | 2.095298 | 2.115396 |
| #1     | 4.912707 | 4.586393 | 23.54923 | 4.926182 | 4.588623 | 392.8063 | 9.776515 |
| #2     | 4.915047 | 4.592547 | 23.49408 | 4.905125 | 4.588508 | 401.1318 | 9.993565 |
| #3     | 4.957204 | 4.688378 | 24.08044 | 5.025346 | 4.697692 | 384.6686 | 9.579821 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5000881 | 2.380834 | 400.2638 | 14.71850 | 2.336660 | 14.77106 | 405.6245 |
| Stddev | .0068029 | .031247  | 7.0041   | .06166   | .028102  | .26784   | 8.0854   |
| %RSD   | 1.360347 | 1.312457 | 1.749859 | .4188968 | 1.202676 | 1.813264 | 1.993317 |
| #1     | .4998709 | 2.363805 | 400.1338 | 14.78920 | 2.322898 | 14.73838 | 404.9108 |
| #2     | .5069970 | 2.361801 | 407.3320 | 14.69036 | 2.318091 | 15.05373 | 414.0431 |
| #3     | .4933963 | 2.416897 | 393.3257 | 14.67593 | 2.368991 | 14.52106 | 397.9197 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.83527 | 391.3042 | 2.405941 | 1.229944 | 389.1735 | 2.461693 | 14.39596 |
| Stddev | .30416   | 7.9009   | .031535  | .005166  | 7.4761   | .053956  | .06028   |
| %RSD   | 2.050226 | 2.019125 | 1.310714 | .4199852 | 1.921013 | 2.191842 | .4186970 |
| #1     | 14.81528 | 391.4460 | 2.392259 | 1.233529 | 388.2937 | 2.448169 | 14.44333 |
| #2     | 15.14893 | 399.1333 | 2.383558 | 1.232282 | 397.0505 | 2.521125 | 14.41643 |
| #3     | 14.54160 | 383.3334 | 2.442007 | 1.224023 | 382.1762 | 2.415785 | 14.32811 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 145.1351 | 4.805452 | 4.853937 | 4.667882 | 4.729806 | 4.964721 | 4.866060 |
| Stddev | 2.6207   | .064894  | .085867  | .061382  | .082561  | .087736  | .062745  |
| %RSD   | 1.805700 | 1.350434 | 1.769010 | 1.314980 | 1.745552 | 1.767182 | 1.289447 |
| #1     | 144.8593 | 4.762437 | 4.860014 | 4.632590 | 4.699188 | 4.963601 | 4.829983 |
| #2     | 147.8828 | 4.773821 | 4.936603 | 4.632296 | 4.666928 | 5.053012 | 4.829686 |
| #3     | 142.6632 | 4.880097 | 4.765193 | 4.738759 | 4.823303 | 4.877551 | 4.938512 |

Sample Name: CCV004      Acquired: 12/12/2024 21:04:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.973577 | 4.639677 | 4.826415 |
| Stddev | .096374  | .088554  | .078864  |
| %RSD   | 1.937719 | 1.908627 | 1.634013 |
| #1     | 4.968130 | 4.638235 | 4.812342 |
| #2     | 5.072558 | 4.728943 | 4.911368 |
| #3     | 4.880041 | 4.551852 | 4.755535 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2056.949 | 22179.40 | 2568.931 | 1499.090 | 2586.629 |
| Stddev    | 19.017   | 5.42     | 46.068   | 4.684    | 24.239   |
| %RSD      | .9245283 | .0244199 | 1.793280 | .3124807 | .9370706 |
| #1        | 2066.439 | 22182.22 | 2579.036 | 1494.171 | 2597.749 |
| #2        | 2069.353 | 22173.16 | 2518.649 | 1499.600 | 2603.313 |
| #3        | 2035.055 | 22182.83 | 2609.108 | 1503.498 | 2558.826 |

Sample Name: CCB004      Acquired: 12/12/2024 21:08:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001036 | -.002851 | .0023737 | -.003325 | -.003045 | .0056110 | -.000925 |
| Stddev | .001244  | .000344  | .0033873 | .003637  | .000318  | .0042413 | .000532  |
| %RSD   | 120.1646 | 12.04957 | 142.7022 | 109.4002 | 10.45331 | 75.58820 | 57.51432 |
| #1     | .000066  | -.002877 | .0043230 | -.006111 | -.002906 | .0062398 | -.001278 |
| #2     | -.002386 | -.002496 | .0043358 | .000790  | -.002820 | .0010905 | -.001185 |
| #3     | -.000787 | -.003181 | -.001538 | -.004654 | -.003410 | .0095028 | -.000313 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001079 | -.000024 | -.039524 | -.000669 | .0000216 | -.009875 | .0063399 |
| Stddev | .0000386 | .000082  | .035950  | .000774  | .0000830 | .005006  | .0089077 |
| %RSD   | 35.79686 | 339.7060 | 90.95650 | 115.6721 | 384.4671 | 50.69844 | 140.5028 |
| #1     | .0000968 | .000013  | -.022325 | -.000761 | -.000039 | -.014145 | .0122109 |
| #2     | .0000760 | -.000117 | -.015405 | -.001394 | .000116  | -.004365 | .0107184 |
| #3     | .0001508 | .000032  | -.080842 | .000146  | -.000012 | -.011114 | -.003910 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001370 | .0072286 | -.000273 | .0002595 | .4689565 | .0044585 | .0036961 |
| Stddev | .0010621 | .0507271 | .000535  | .0007229 | .4918047 | .0077358 | .0032764 |
| %RSD   | 775.0670 | 701.7515 | 195.7930 | 278.5709 | 104.8721 | 173.5066 | 88.64459 |
| #1     | -.000686 | .0067040 | -.000832 | -.000420 | .8475660 | .0029440 | -.000006 |
| #2     | .001336  | .0582160 | .000235  | .001019  | -.086904 | -.002408 | .004872  |
| #3     | -.000239 | -.043234 | -.000223 | .000179  | .646207  | .012839  | .006223  |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4765328 | -.001877 | -.001859 | -.000478 | -.005617 | .0034093 | -.000686 |
| Stddev | .4616222 | .001413  | .003192  | .000234  | .001940  | .0012286 | .001318  |
| %RSD   | 96.87102 | 75.30267 | 171.6671 | 48.88973 | 34.53502 | 36.03787 | 191.9477 |
| #1     | .0222439 | -.000282 | -.005238 | -.000678 | -.007477 | .0021407 | -.001535 |
| #2     | .9451545 | -.002375 | .001105  | -.000221 | -.005767 | .0045937 | .000832  |
| #3     | .4622000 | -.002973 | -.001446 | -.000534 | -.003606 | .0034934 | -.001356 |

Sample Name: CCB004      Acquired: 12/12/2024 21:08:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v16)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB004      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0021439 | -.000051 | .0115991 |
| Stddev | .0007602 | .000279  | .0020259 |
| %RSD   | 35.46006 | 549.3725 | 17.46598 |
| #1     | .0030178 | .000270  | .0122710 |
| #2     | .0017793 | -.000190 | .0132037 |
| #3     | .0016347 | -.000233 | .0093226 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2462.561 | 23771.20 | 2596.691 | 1740.725 | 3297.464 |
| Stddev    | 84.032   | 742.50   | 129.517  | 54.243   | 124.437  |
| %RSD      | 3.412372 | 3.123531 | 4.987764 | 3.116098 | 3.773719 |
| #1        | 2369.371 | 24489.54 | 2693.607 | 1790.737 | 3158.903 |
| #2        | 2532.567 | 23006.69 | 2449.592 | 1683.063 | 3399.687 |
| #3        | 2485.745 | 23817.37 | 2646.874 | 1748.375 | 3333.802 |