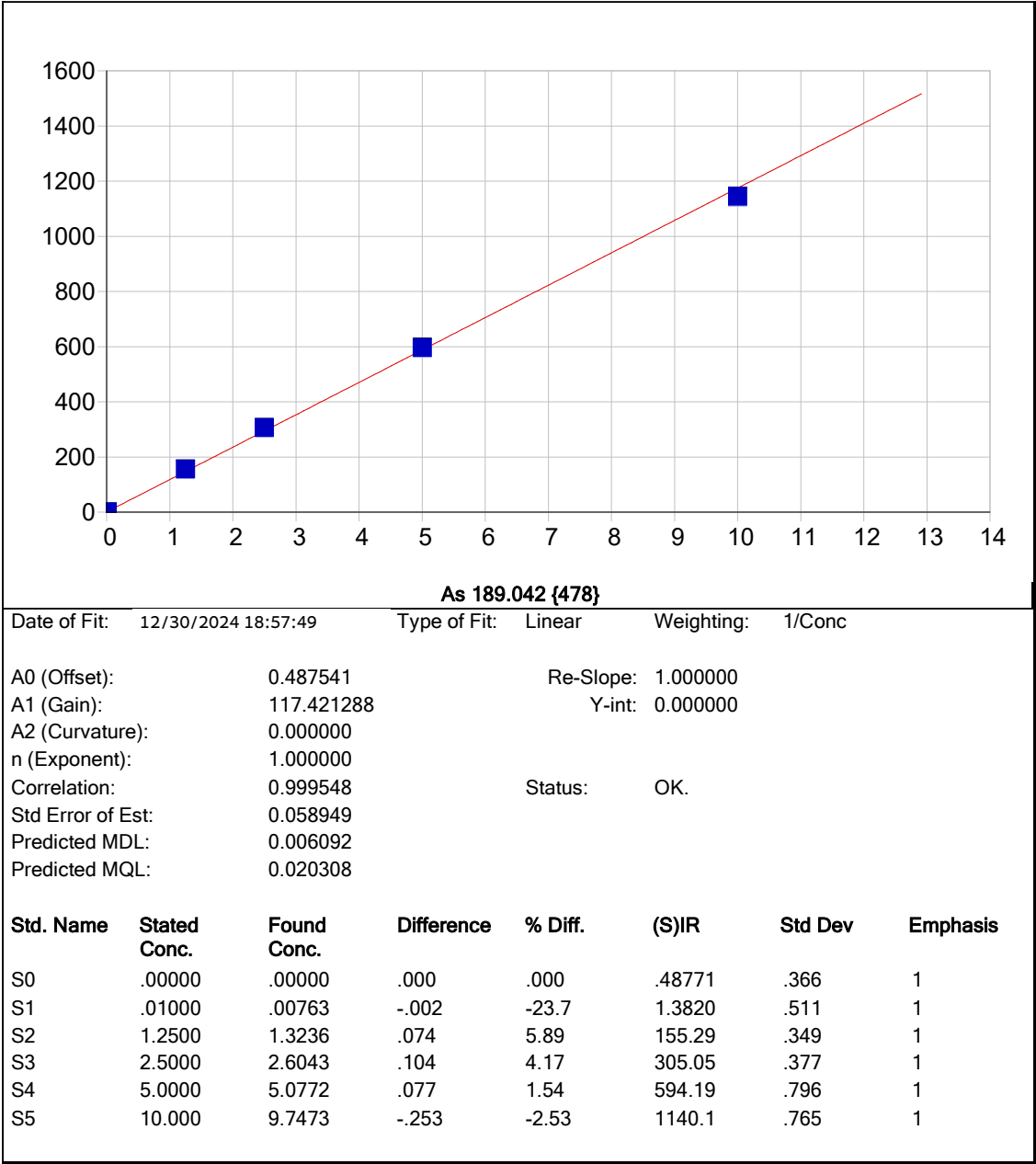
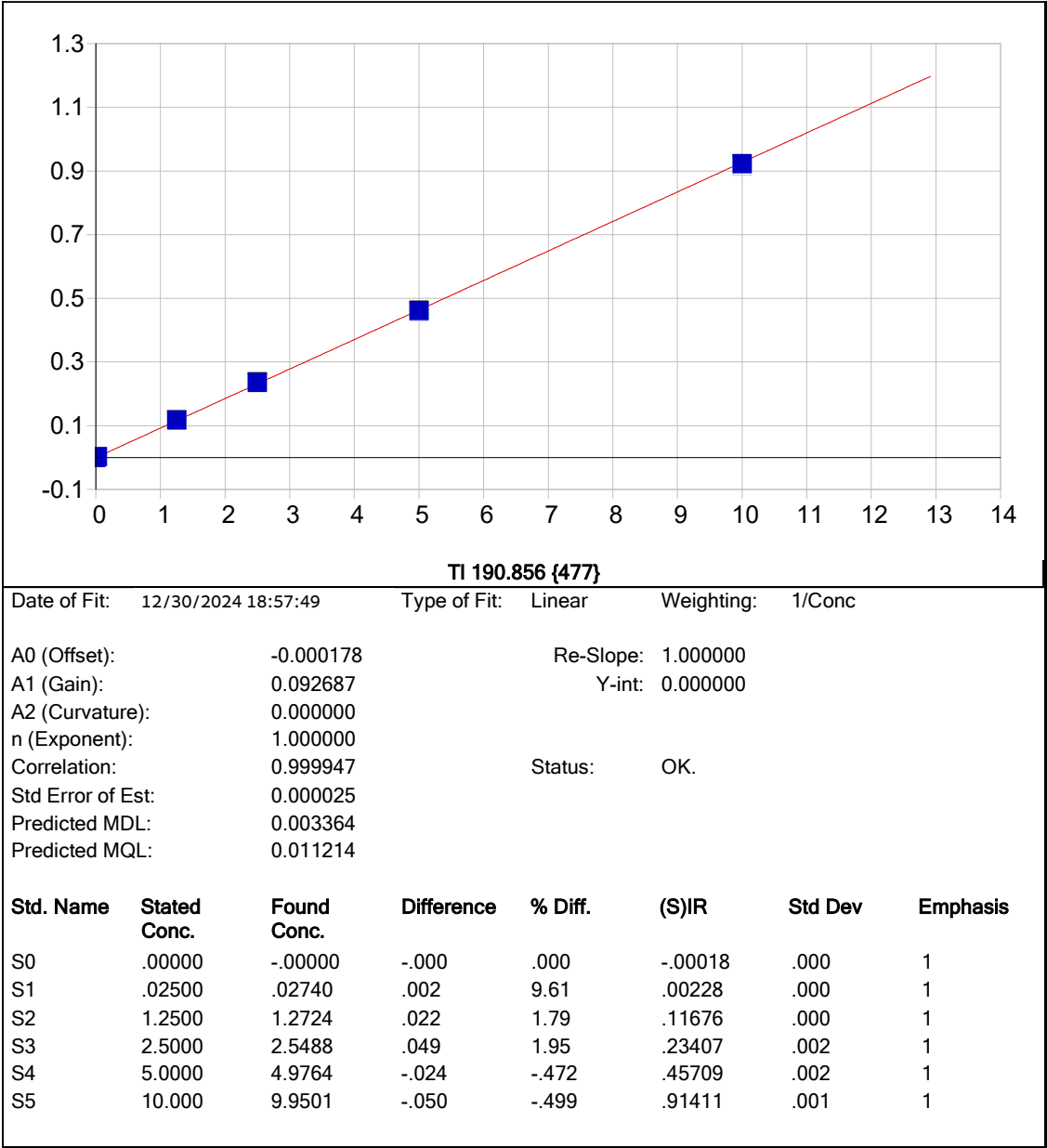
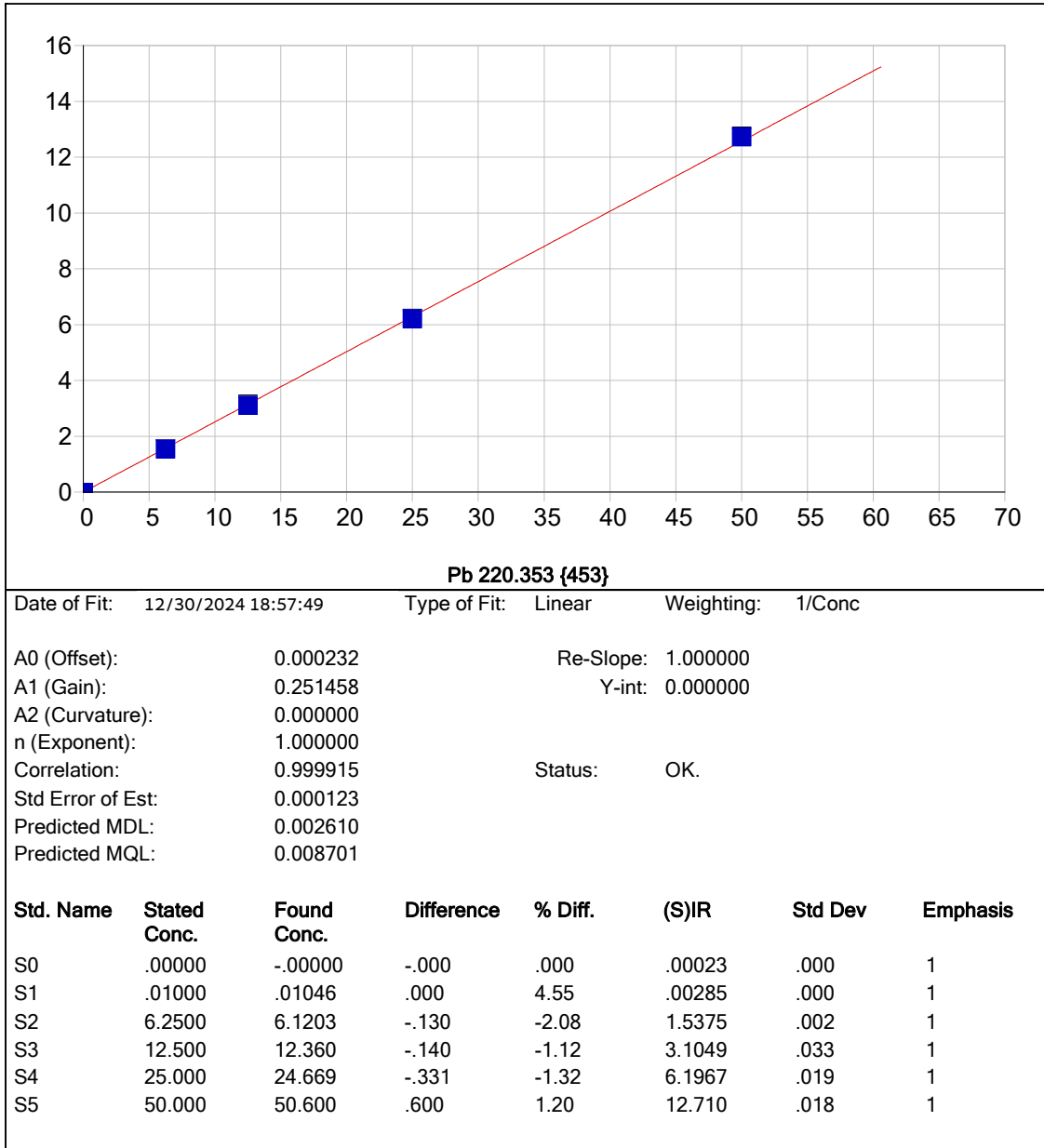
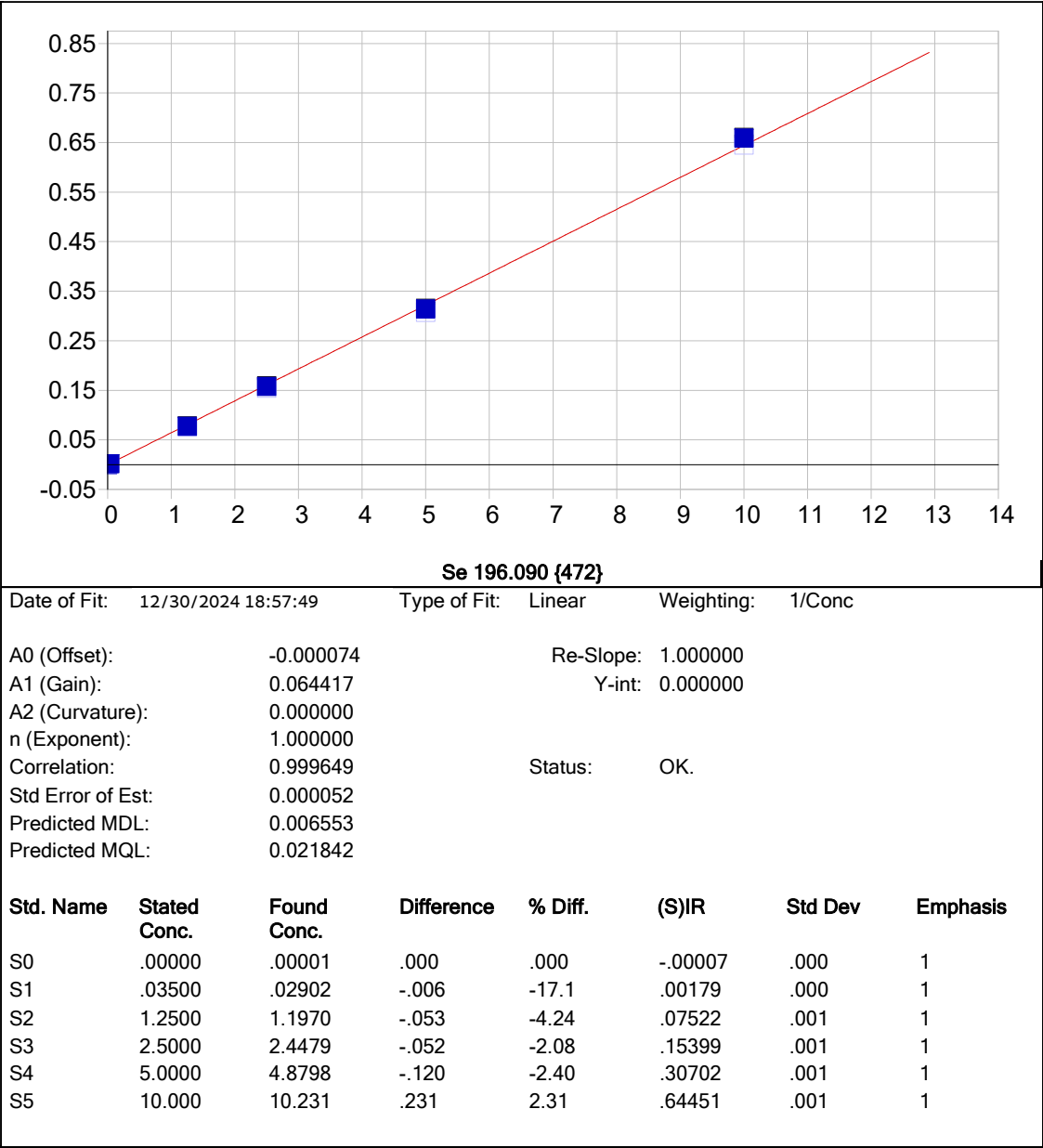


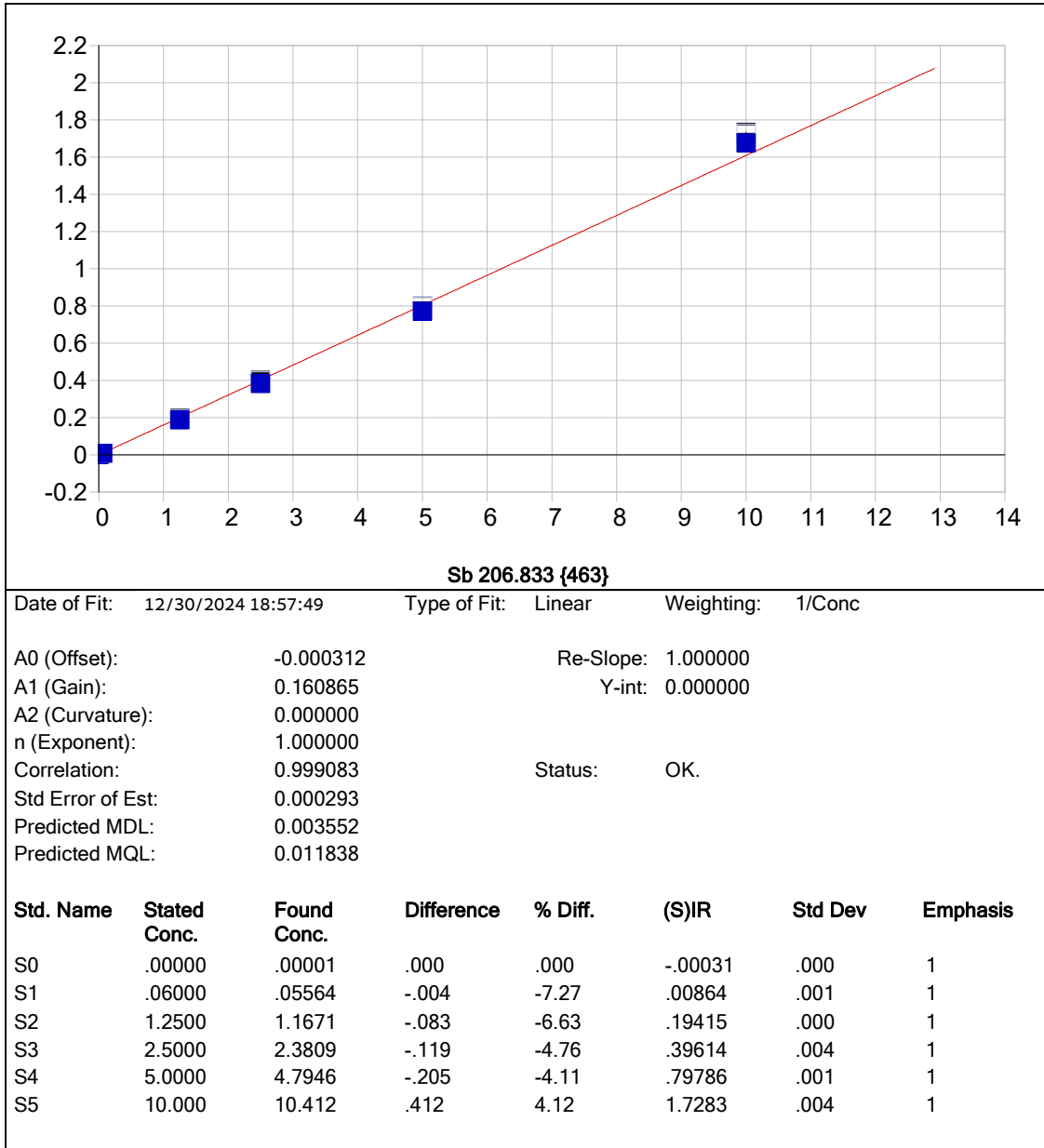


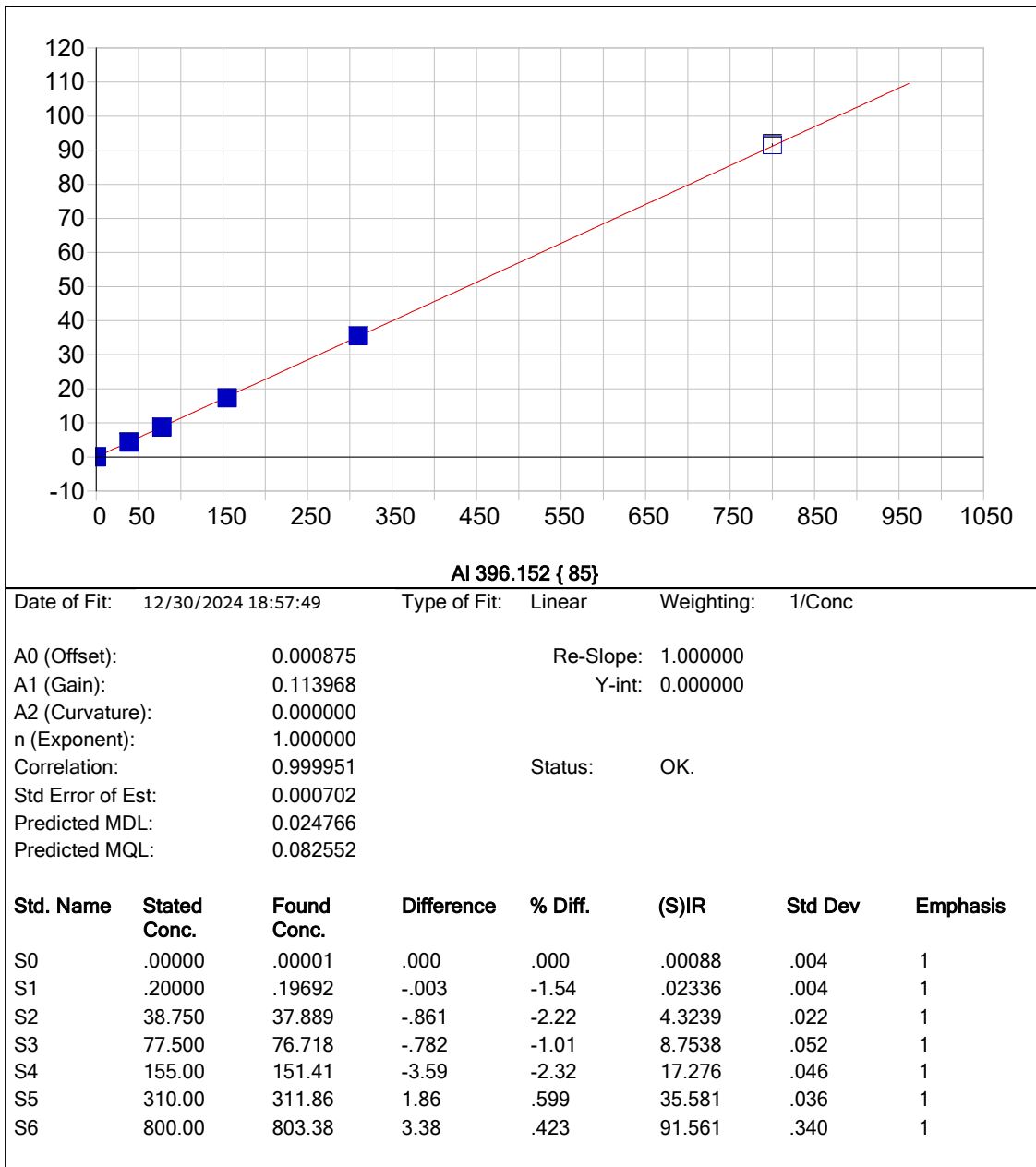


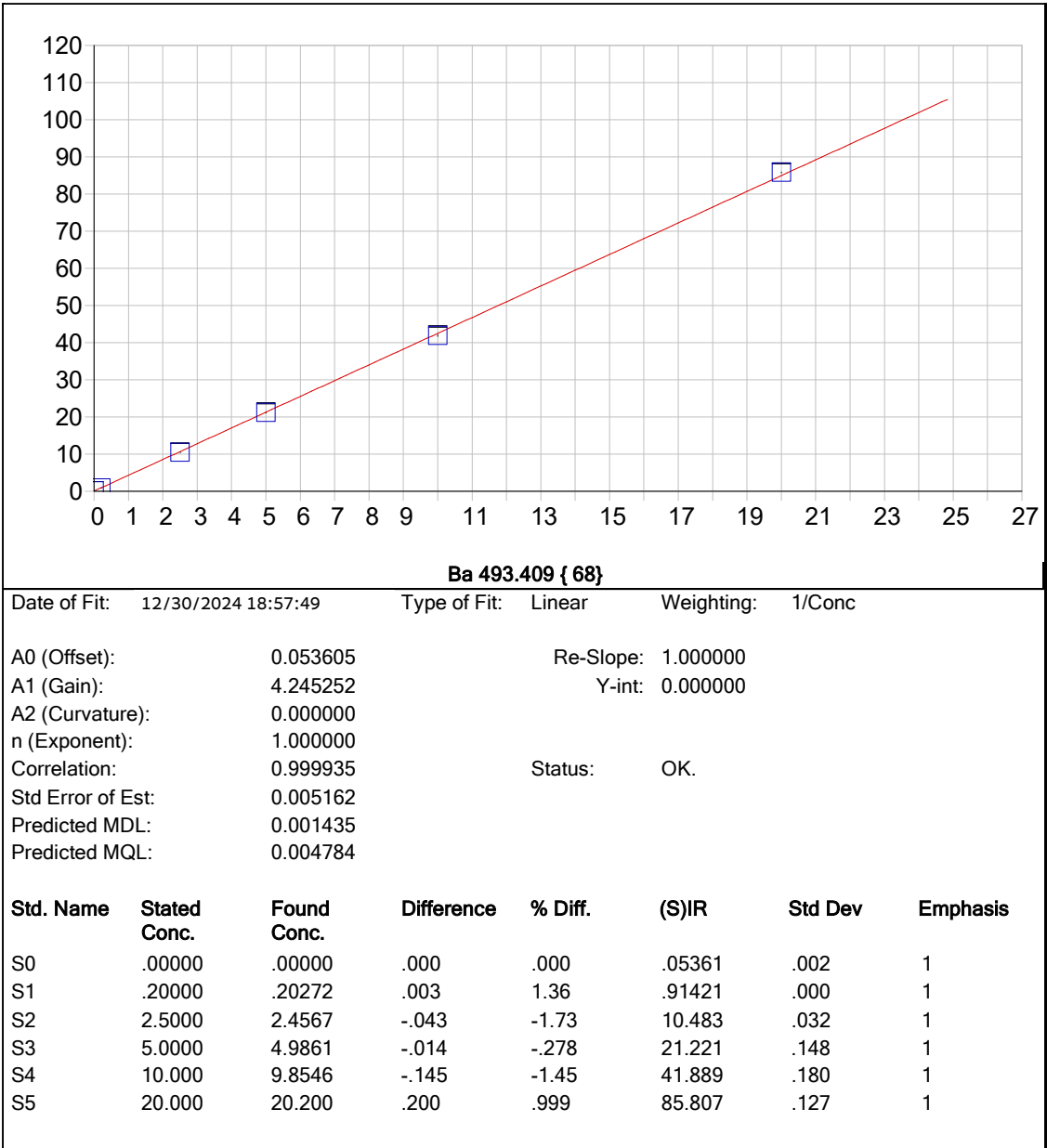






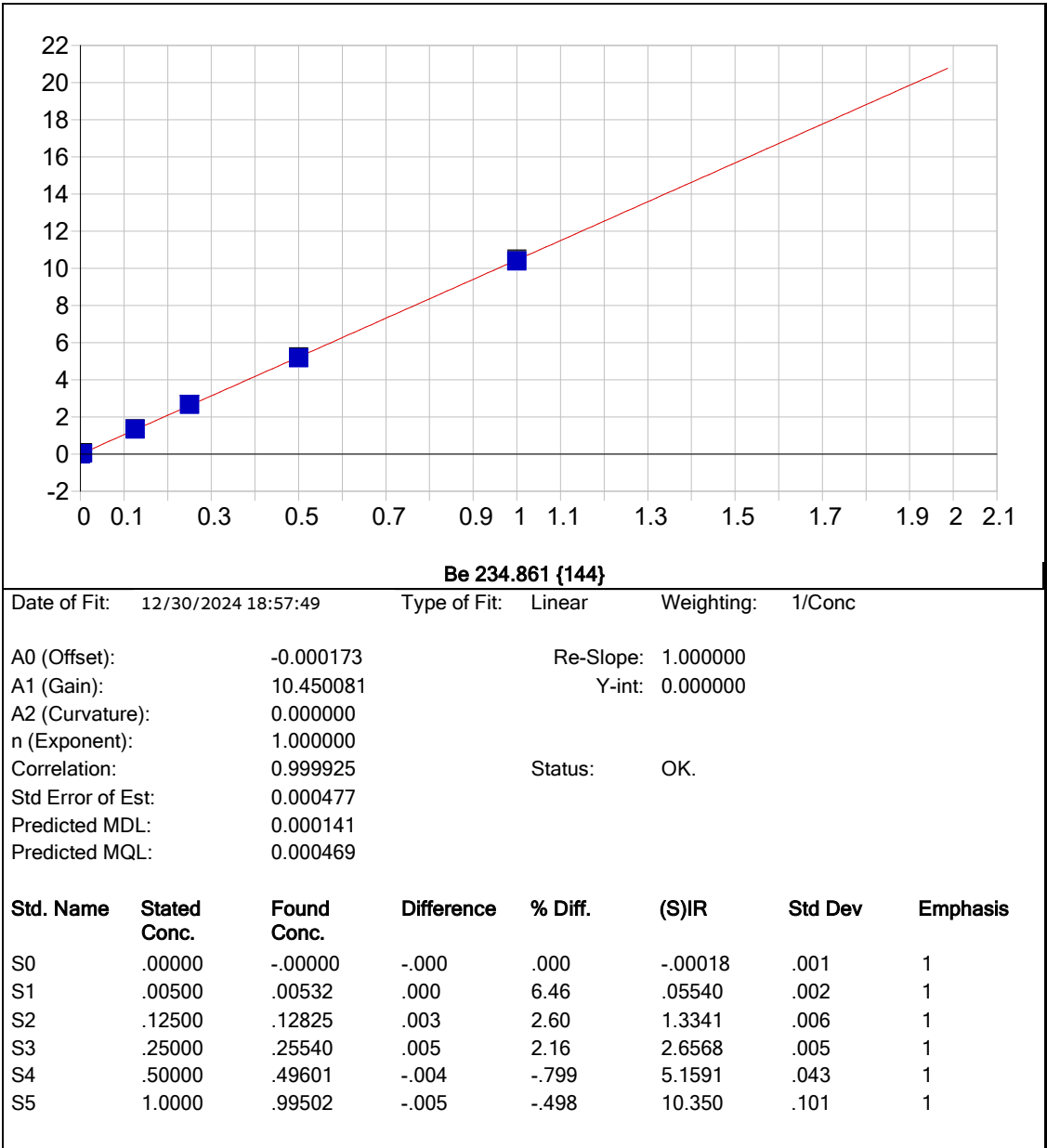


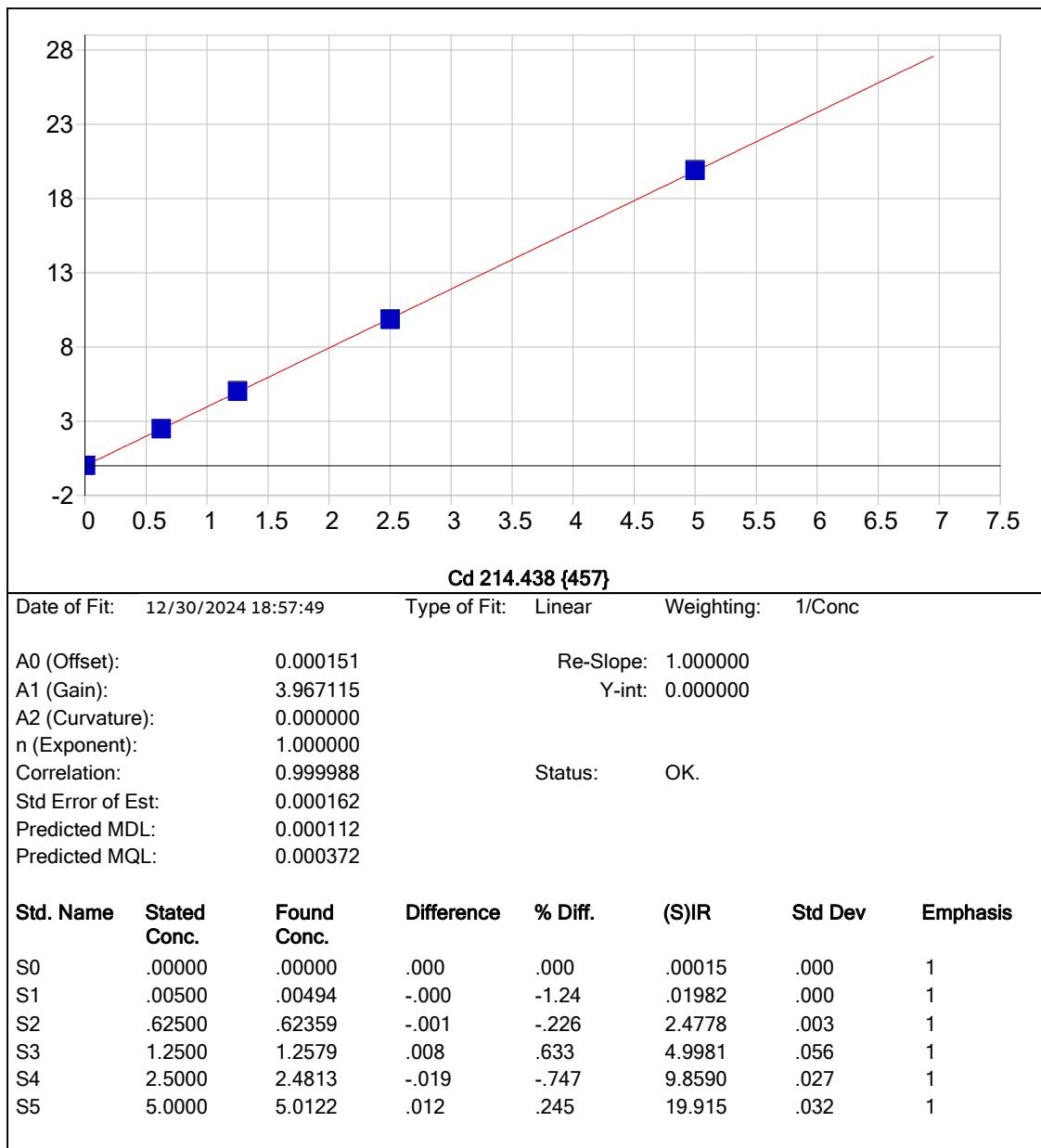


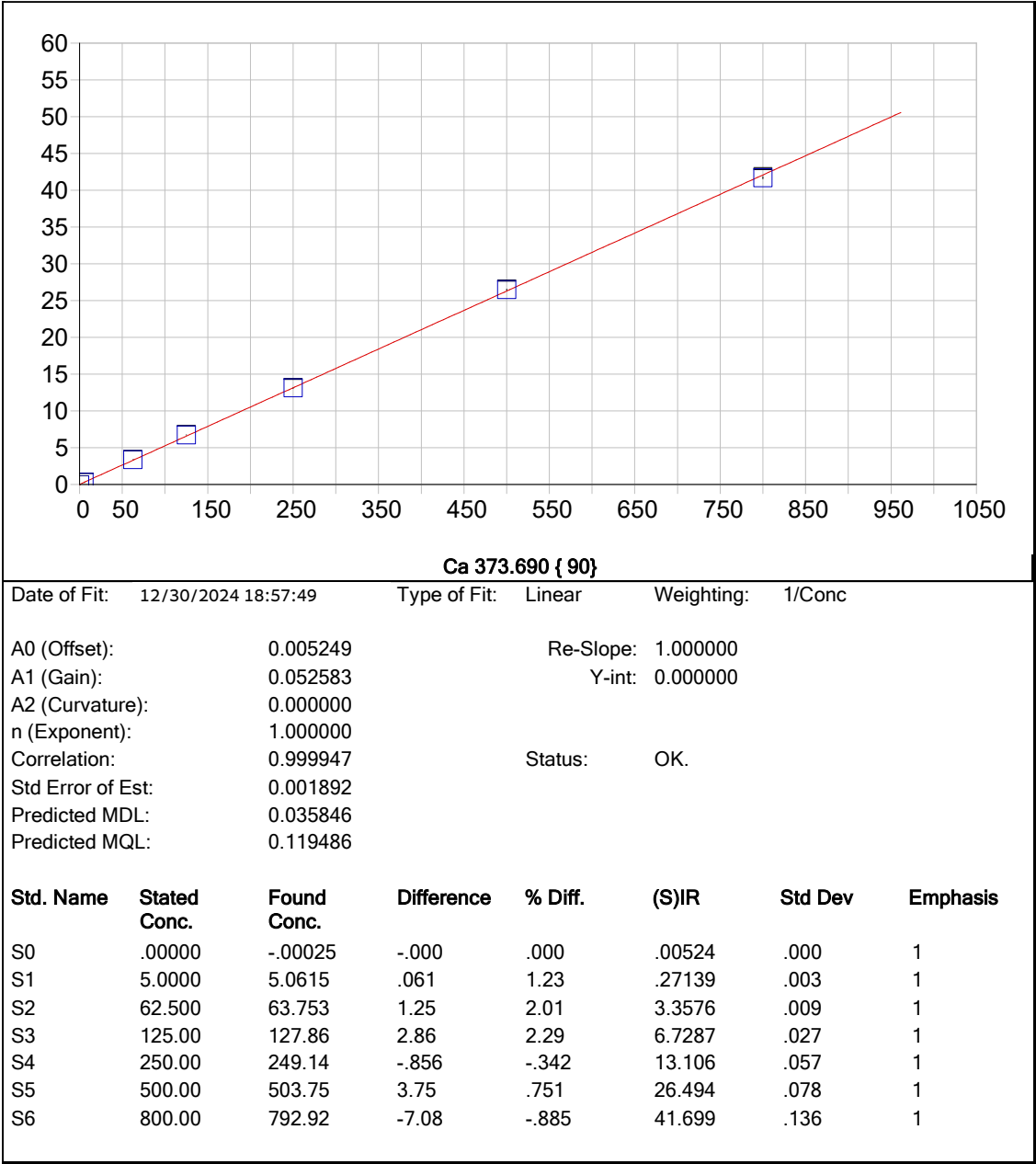


Date of Fit: 12/30/2024 18:57:49      Type of Fit: Linear      Weighting: 1/Conc

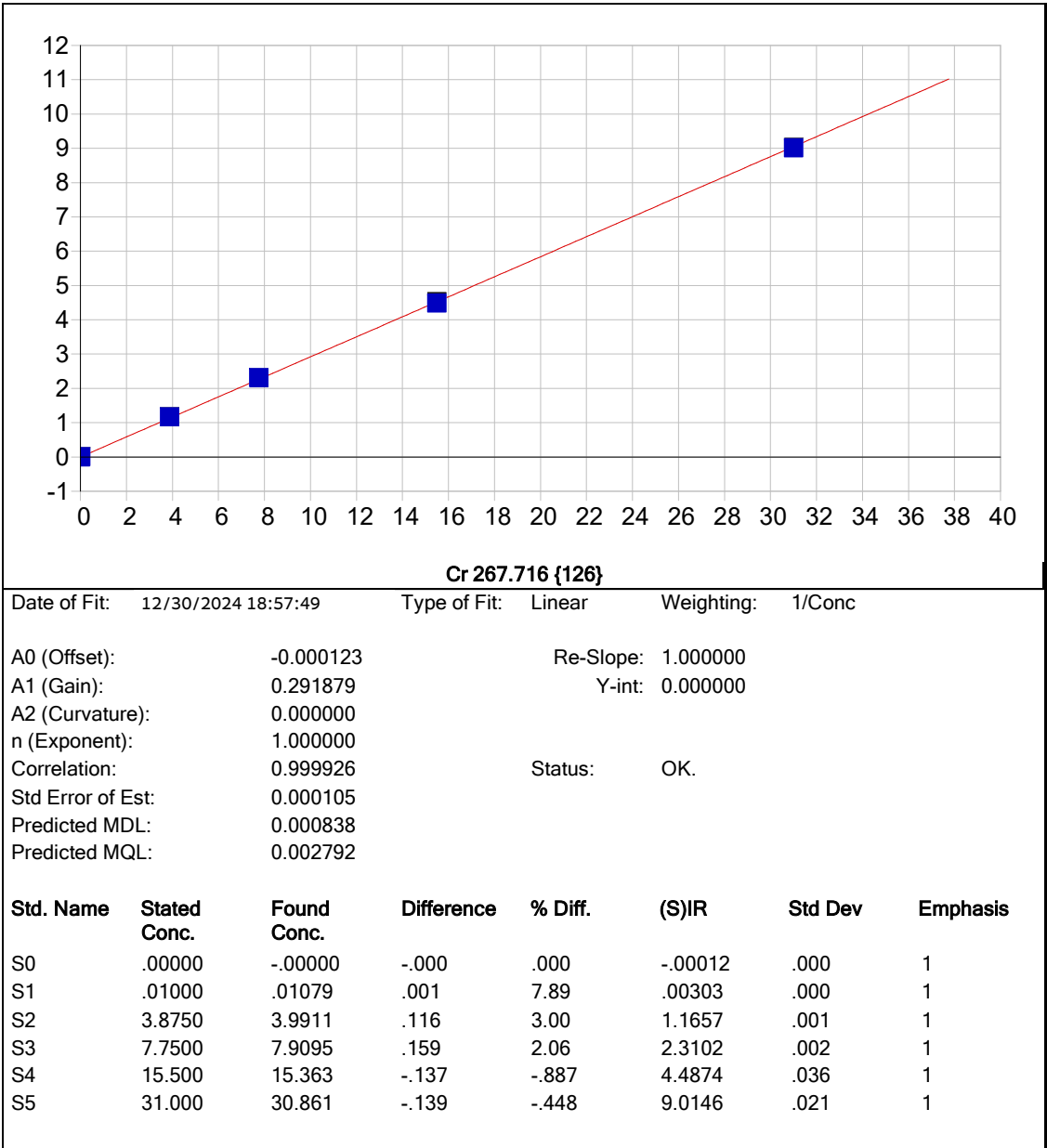
A0 (Offset): 0.053605      Re-Slope: 1.000000  
A1 (Gain): 4.245252      Y-int: 0.000000  
A2 (Curvature): 0.000000  
n (Exponent): 1.000000  
Correlation: 0.999935      Status: OK.  
Std Error of Est: 0.005162  
Predicted MDL: 0.001435  
Predicted MQL: 0.004784

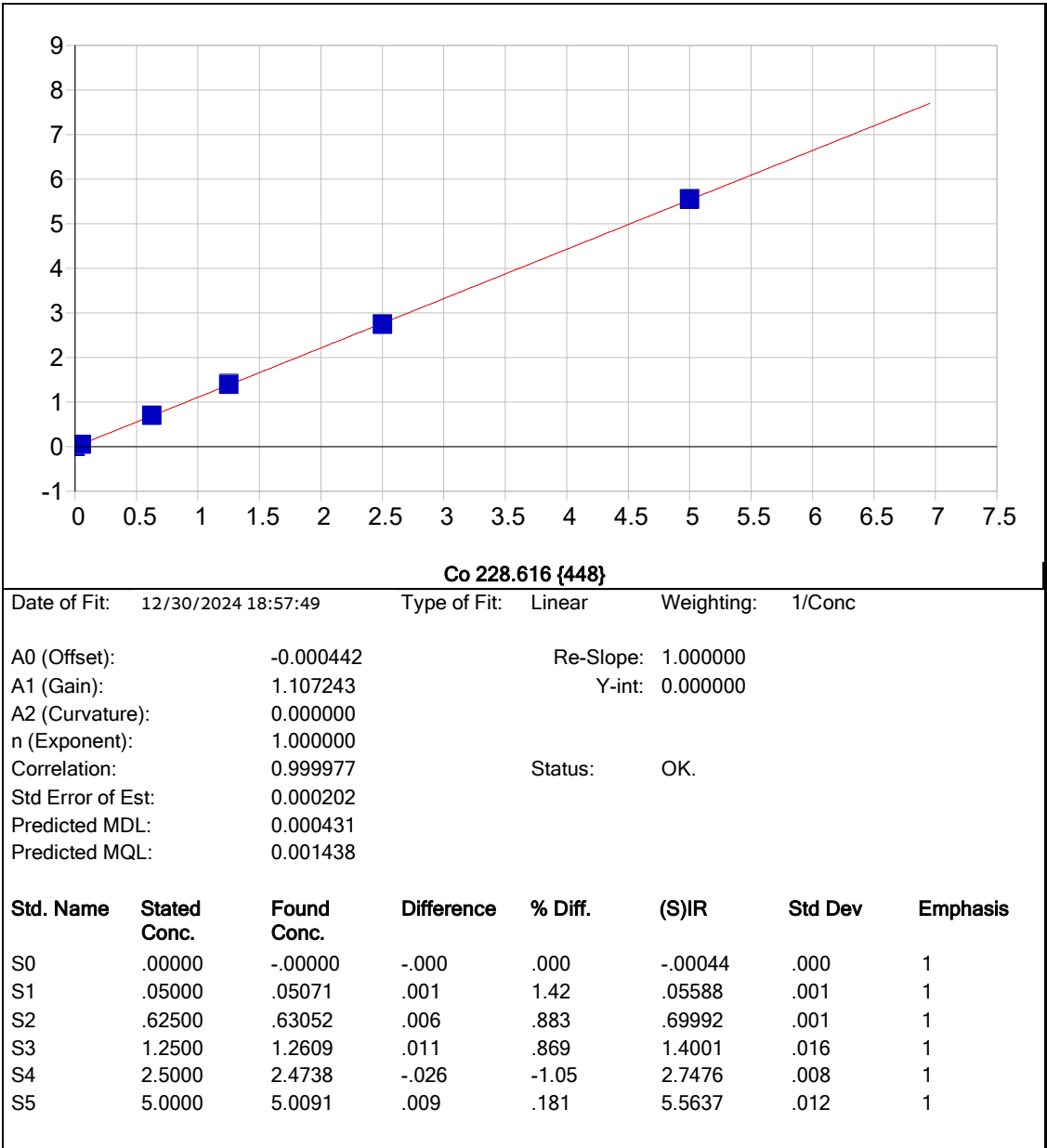


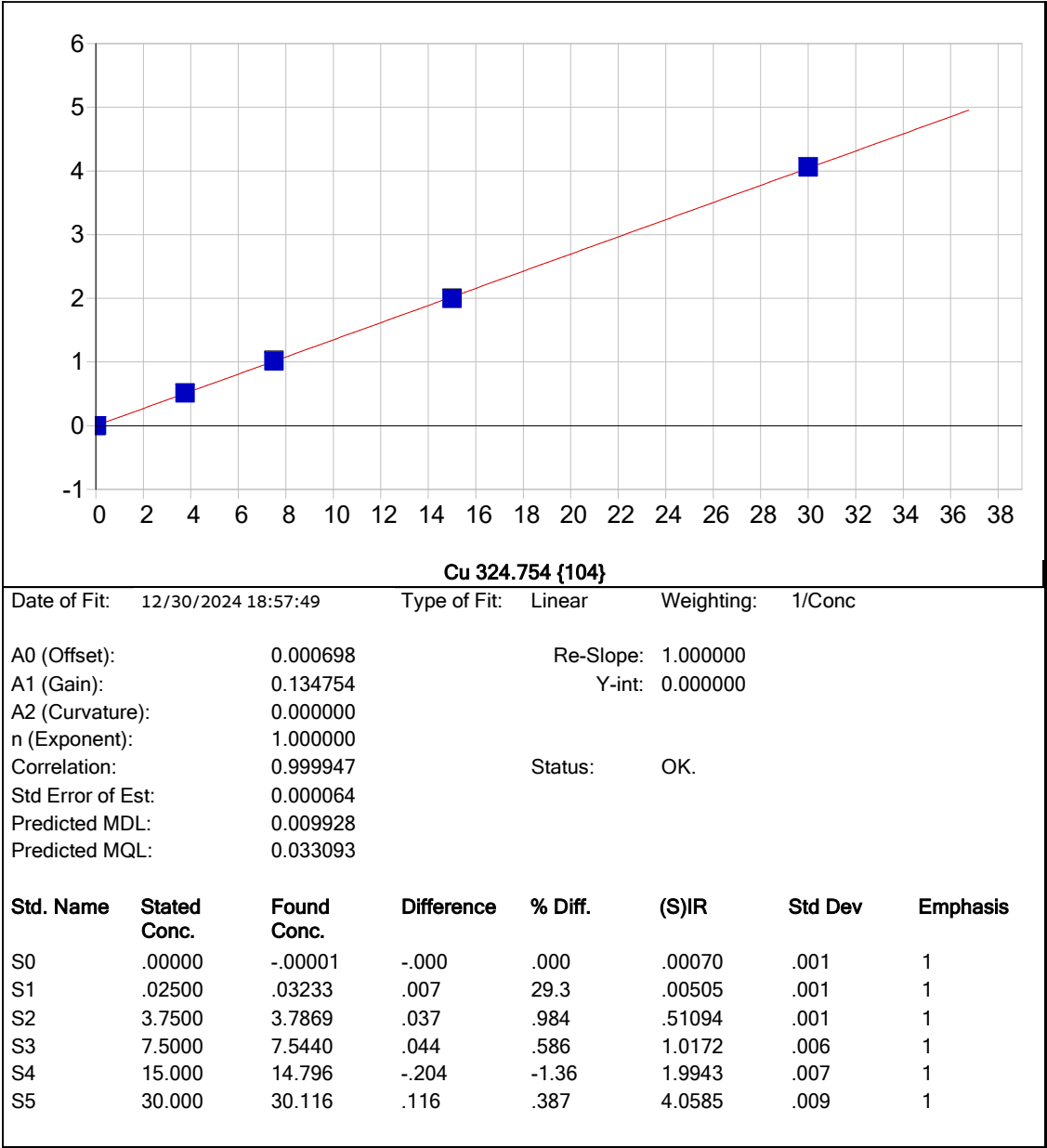


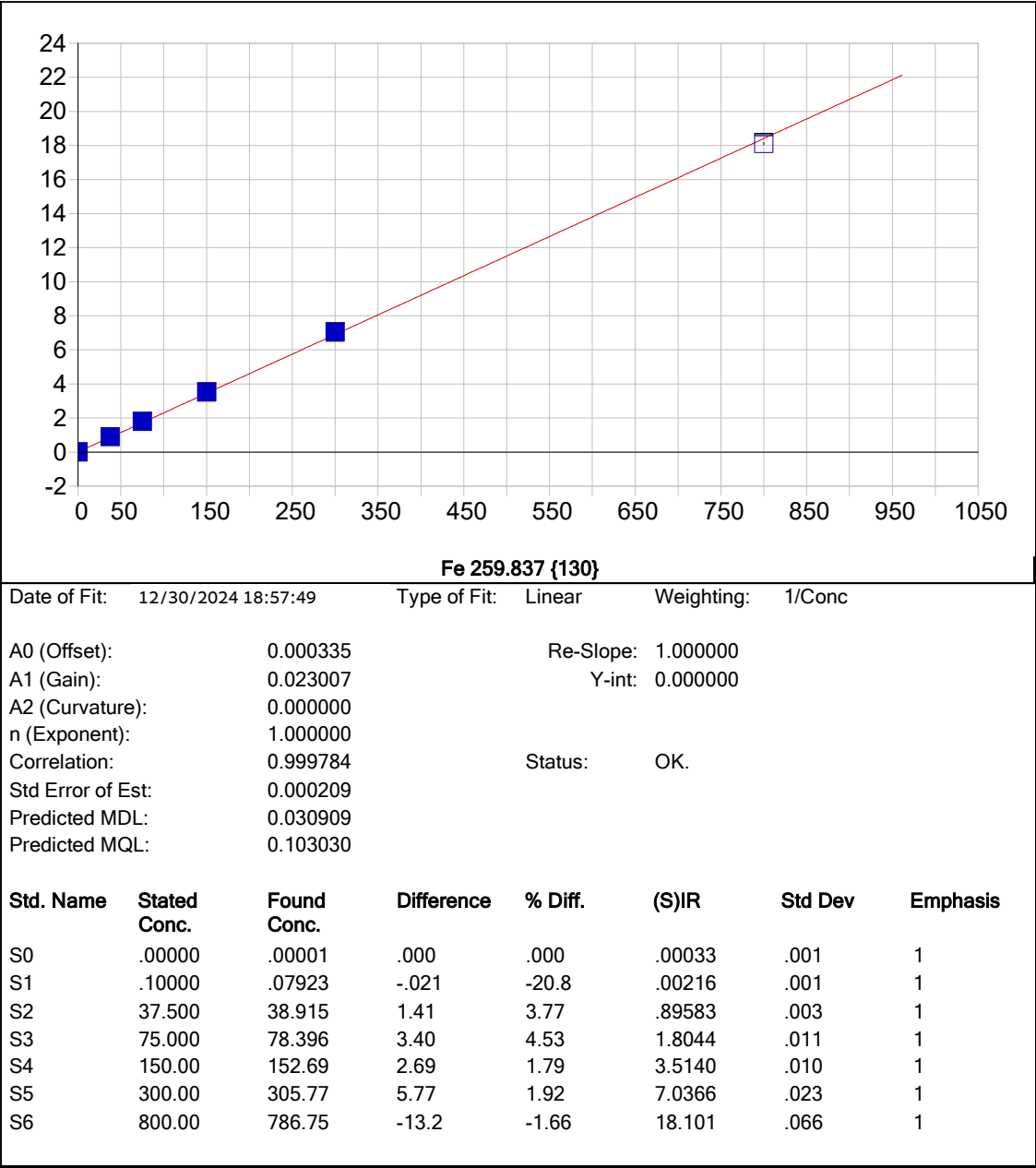


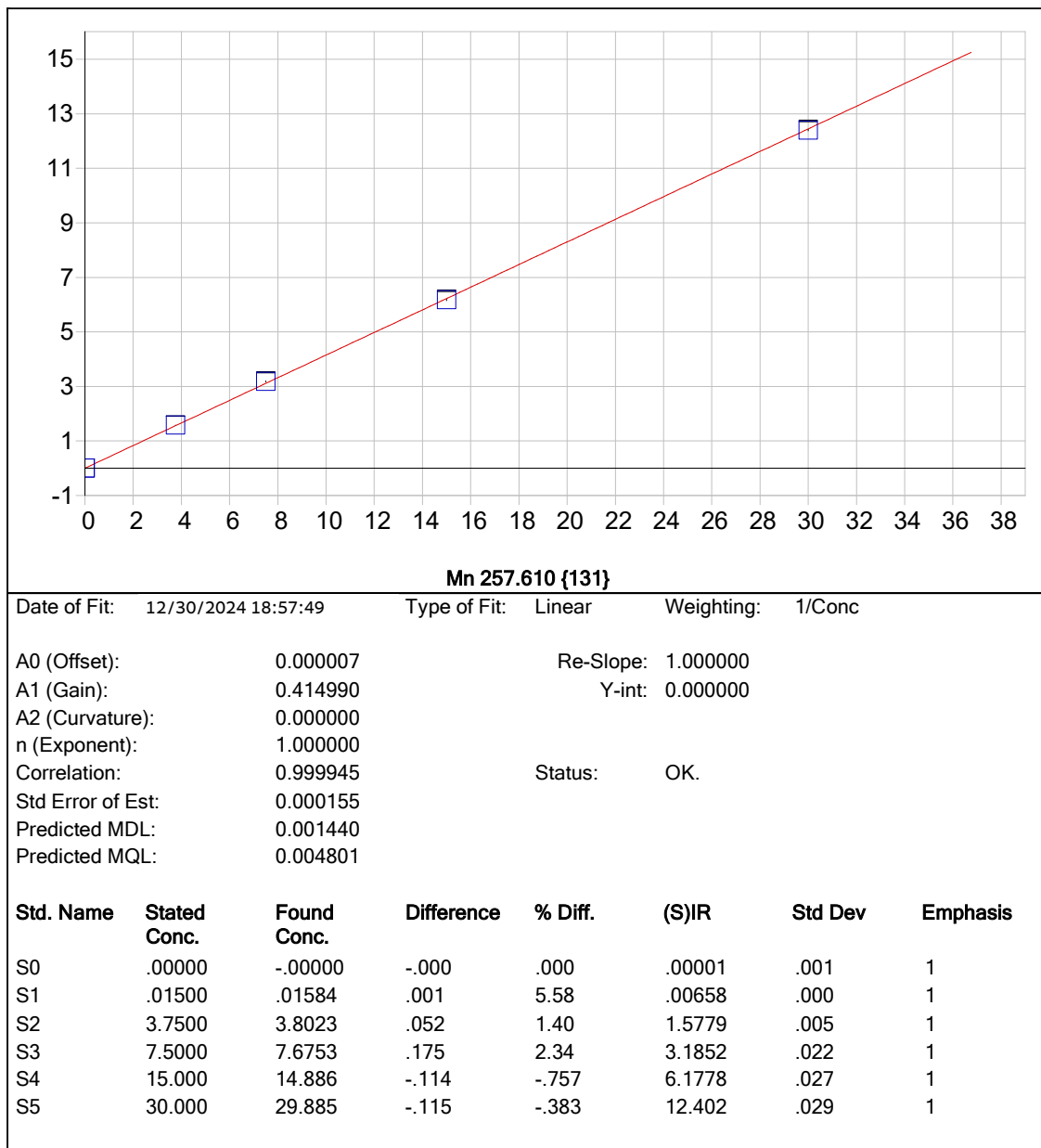


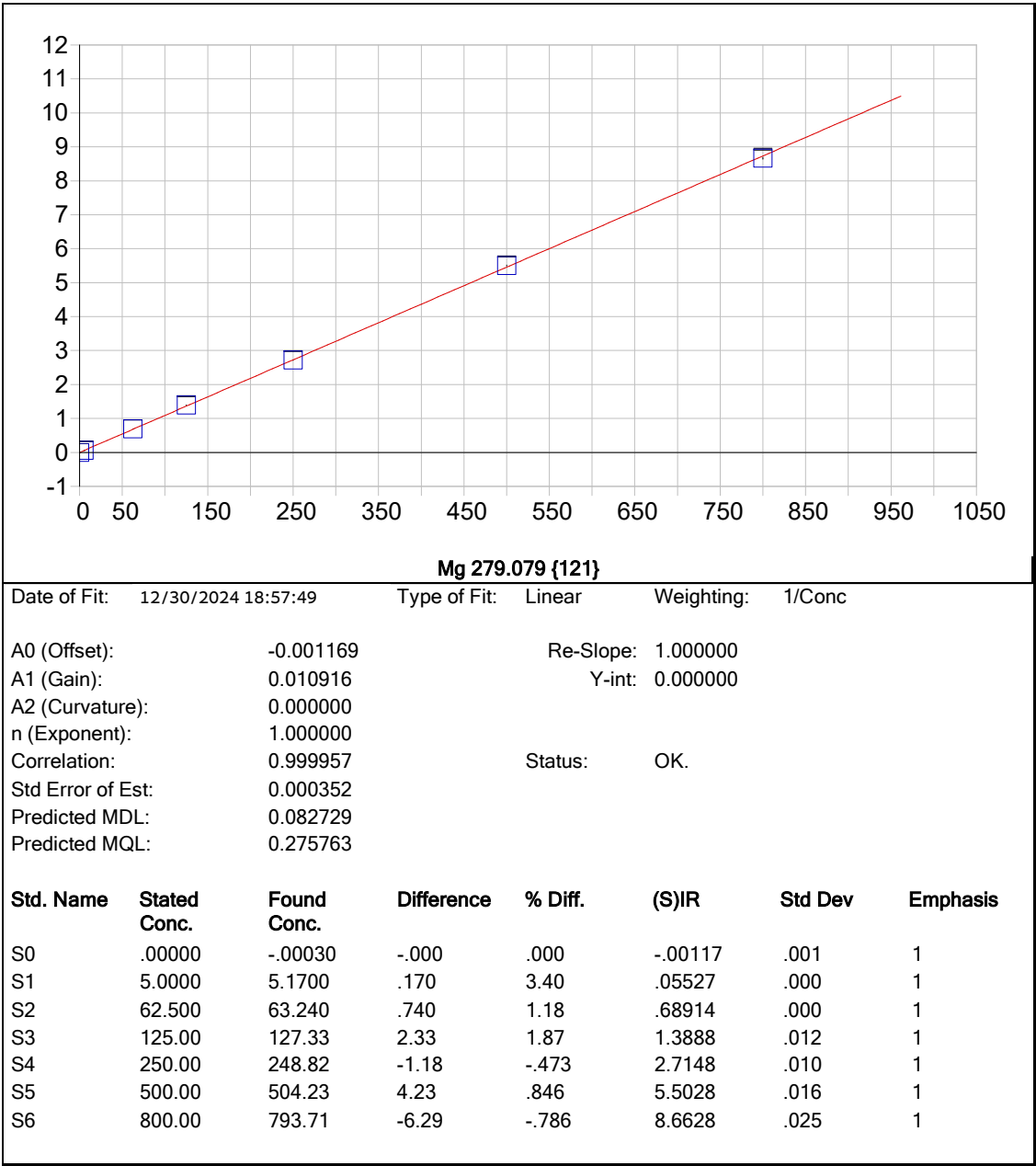


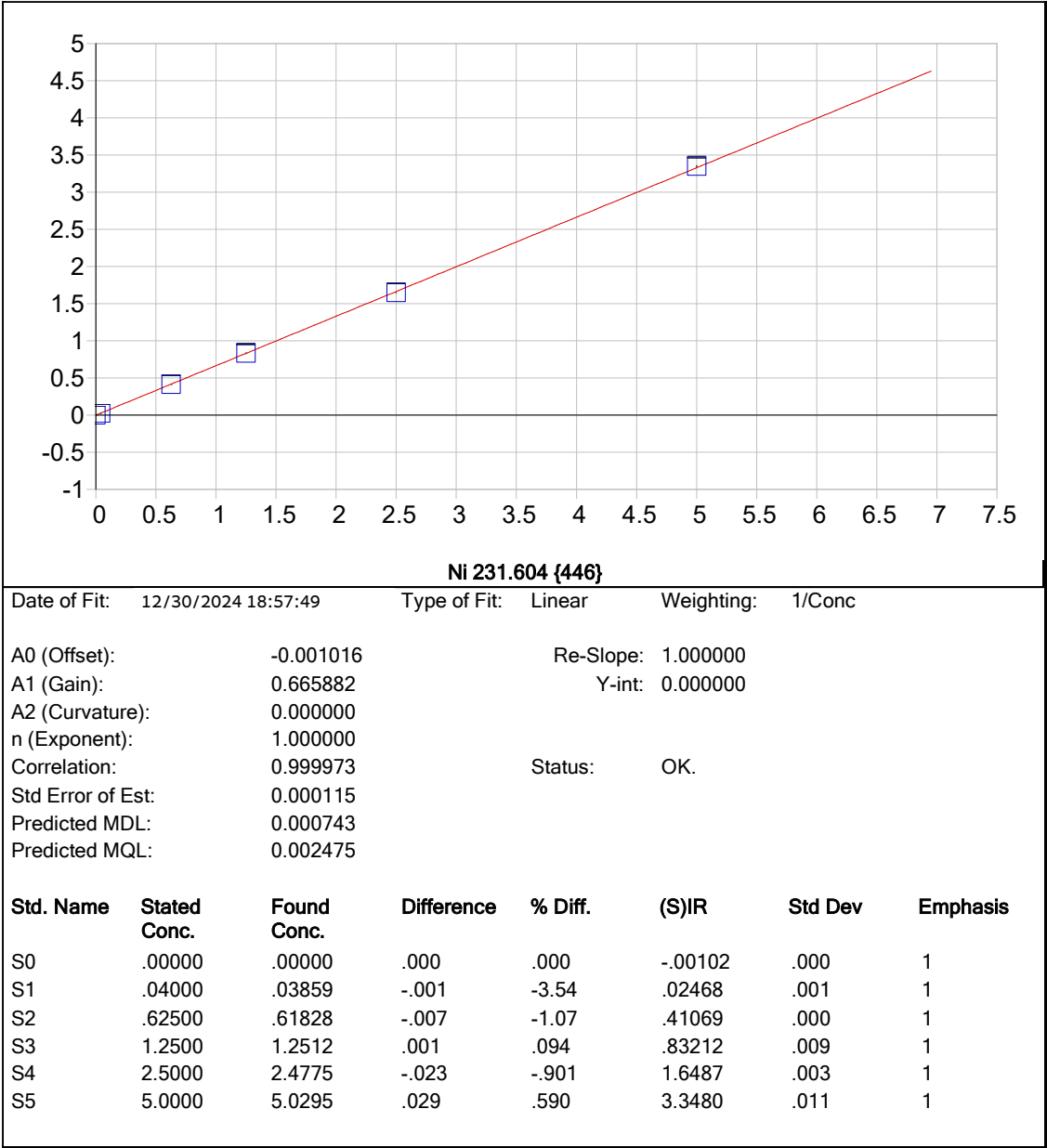


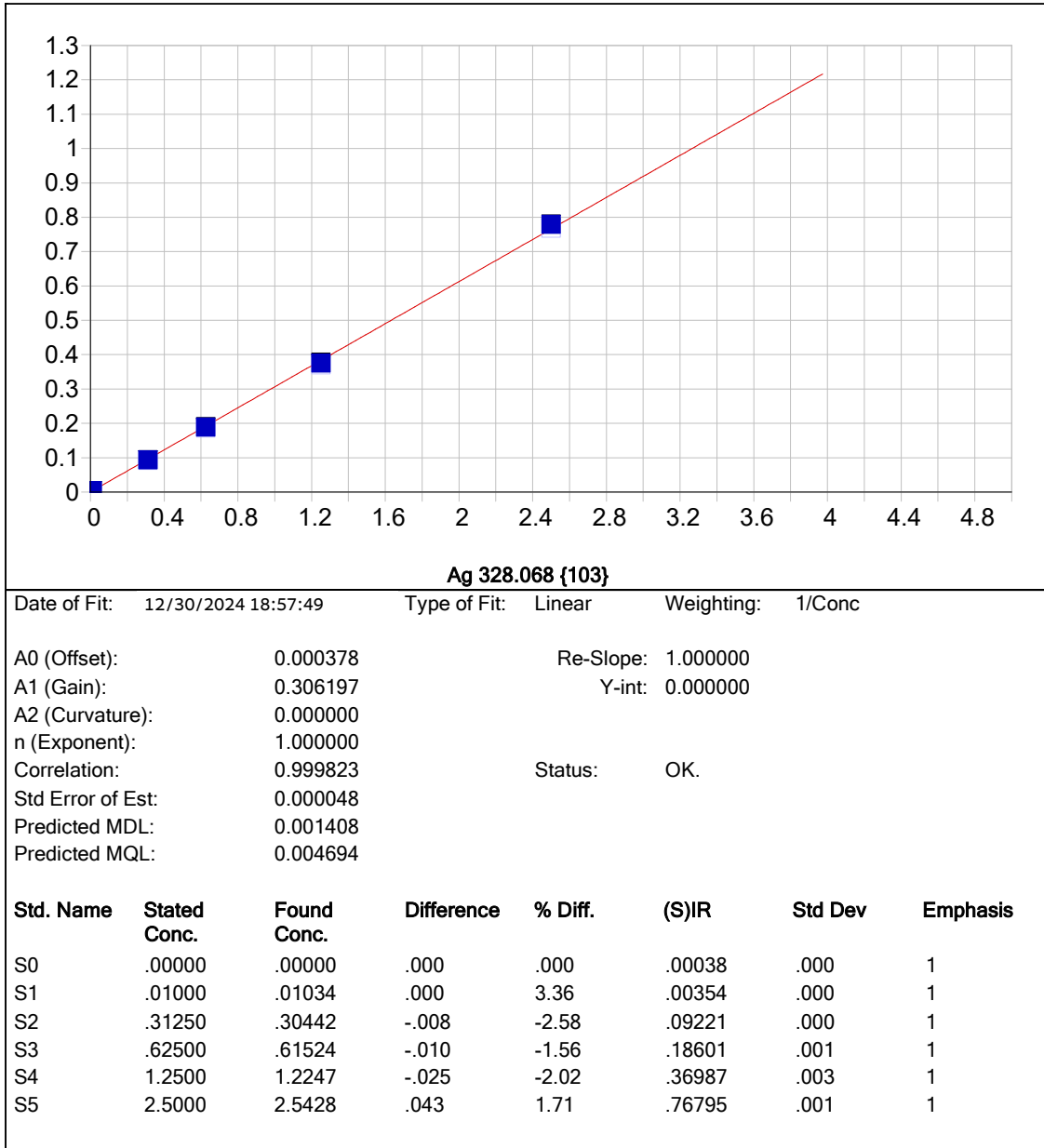




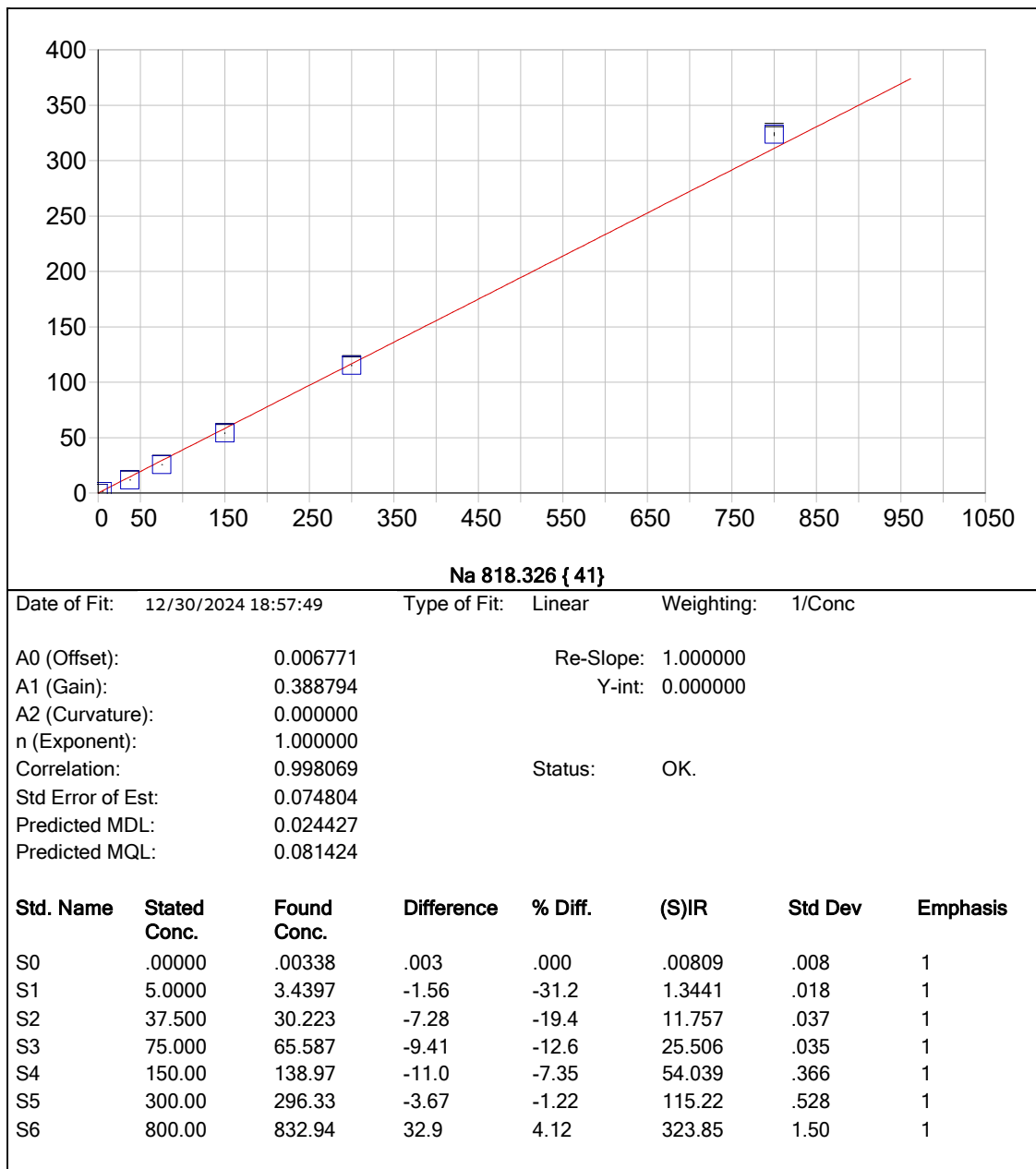


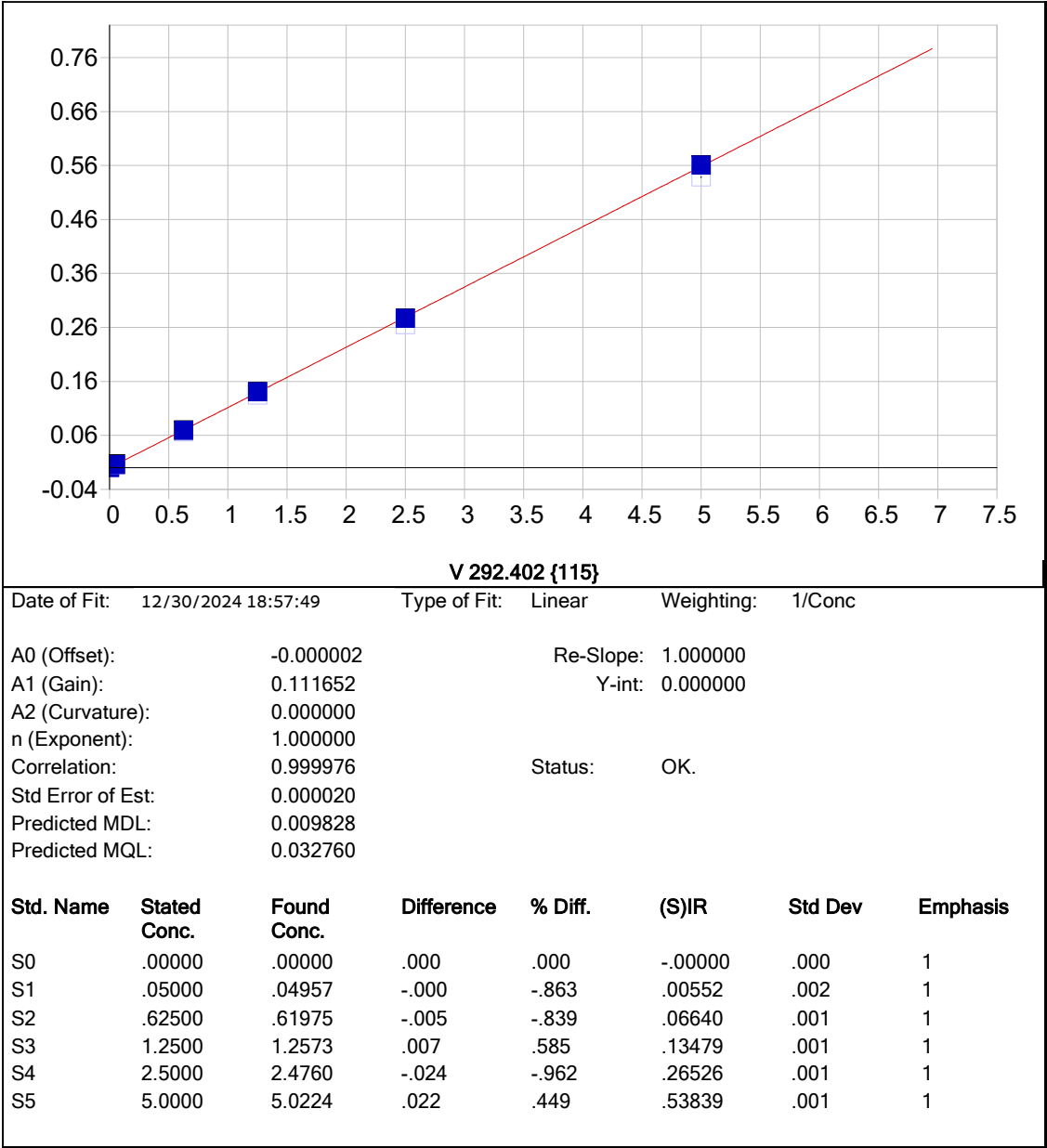


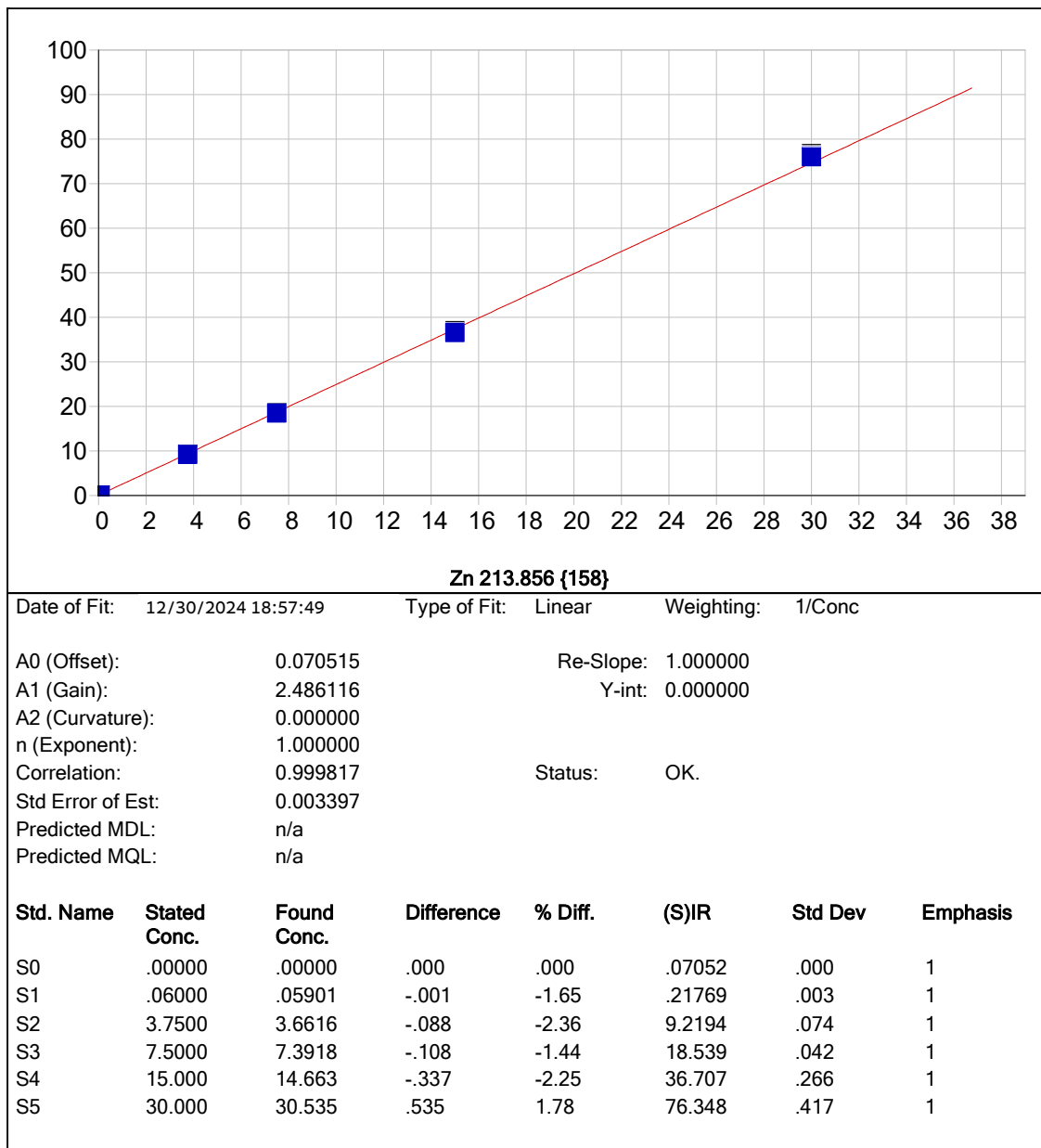


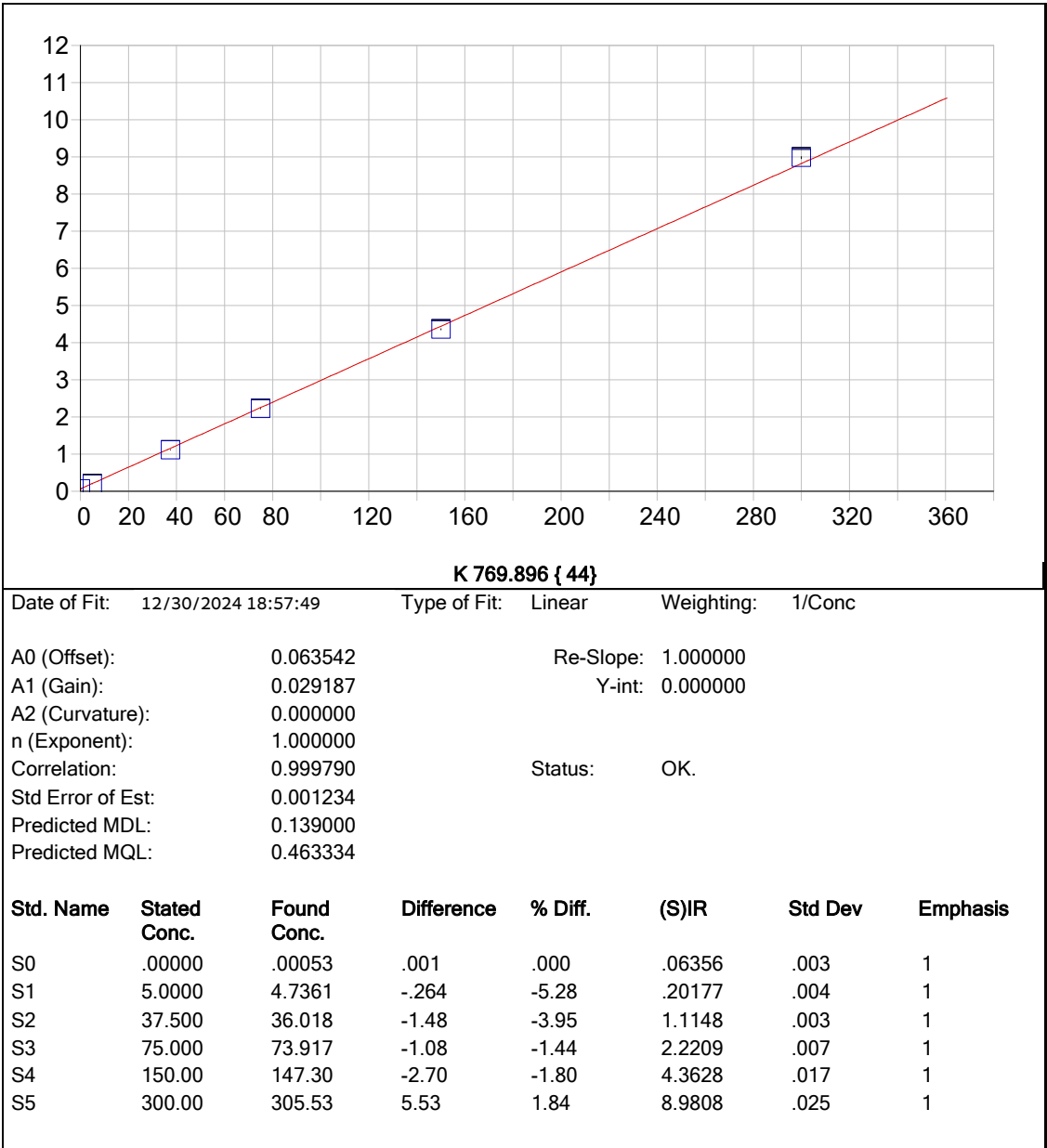


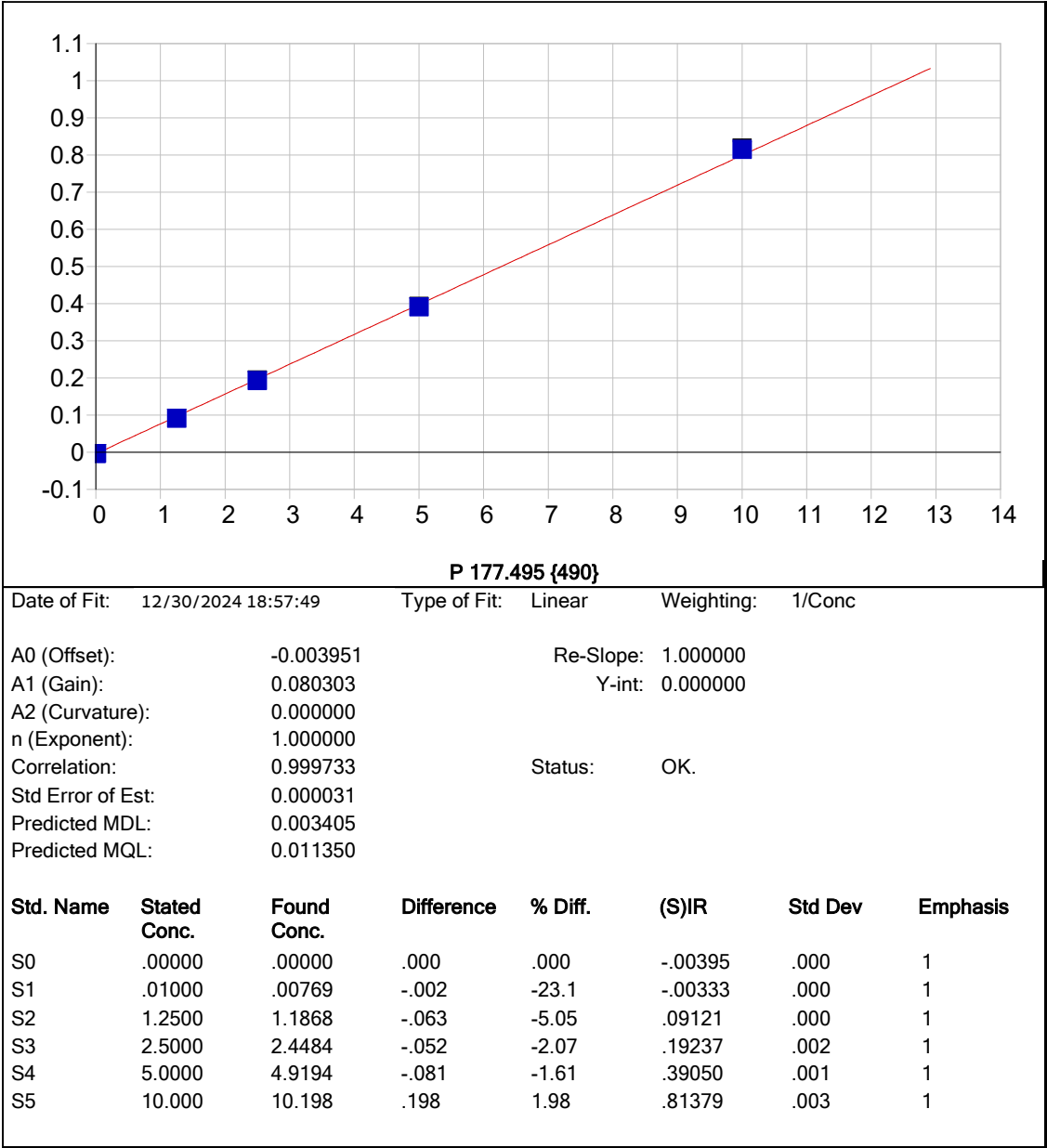


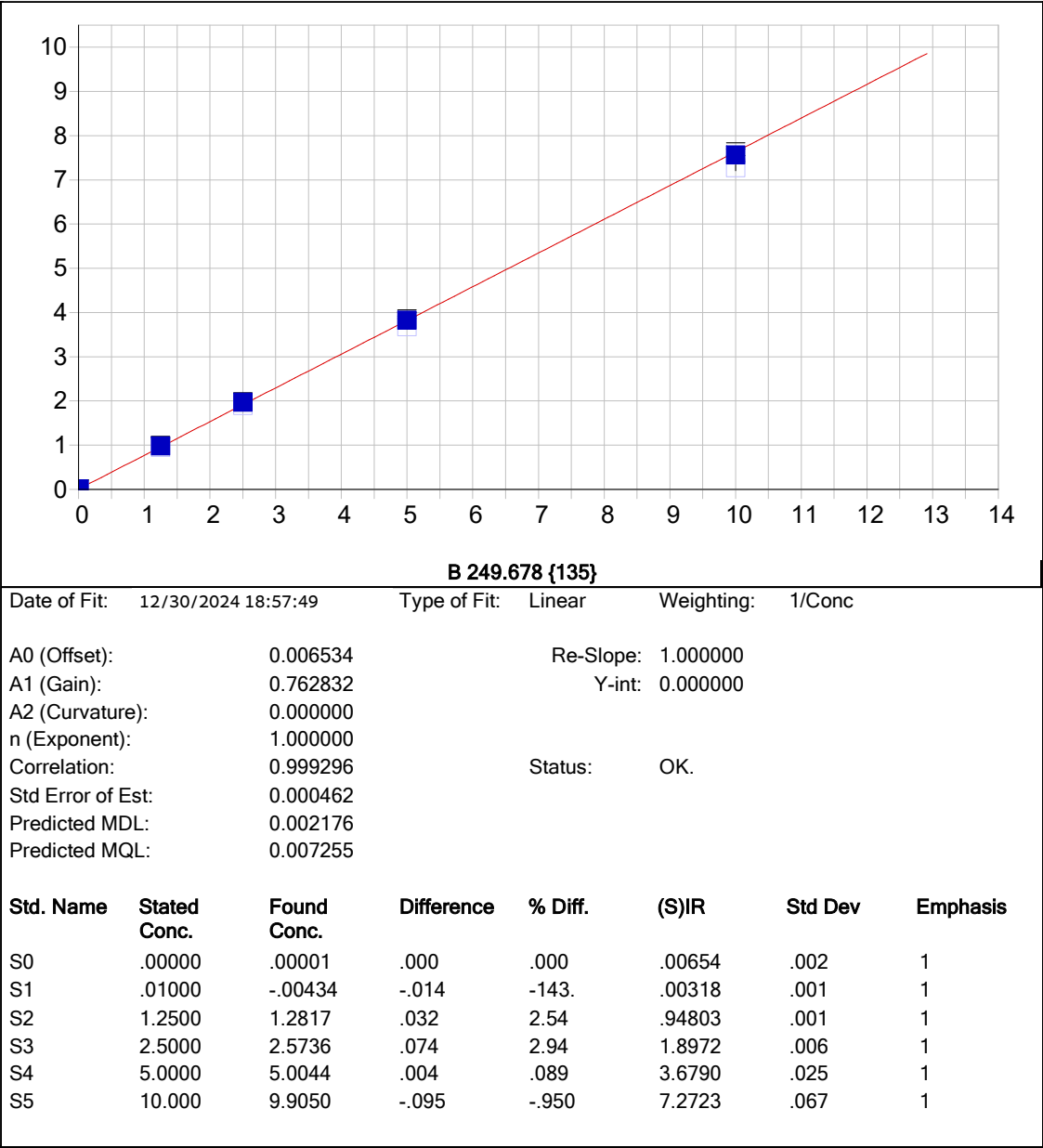


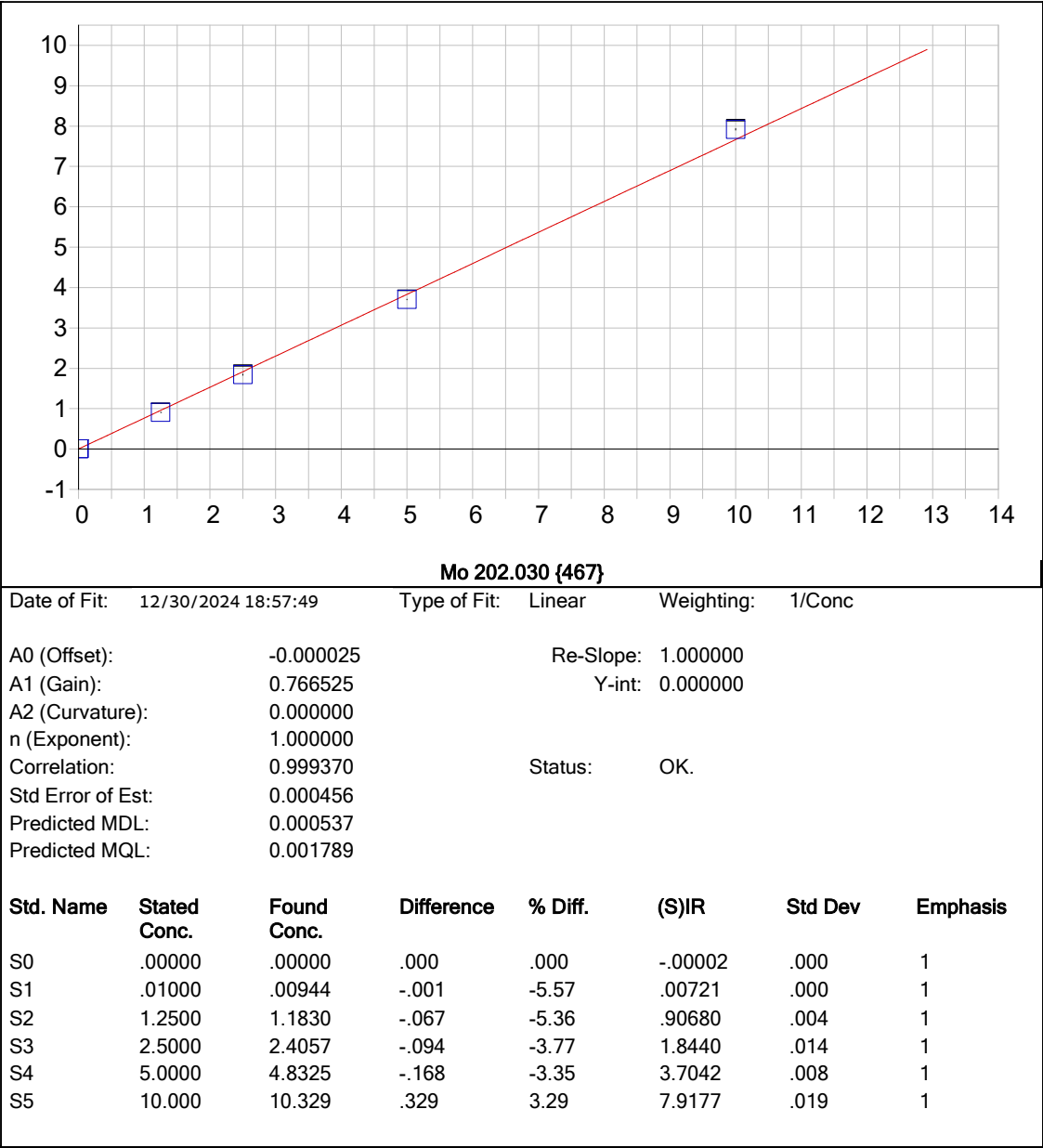


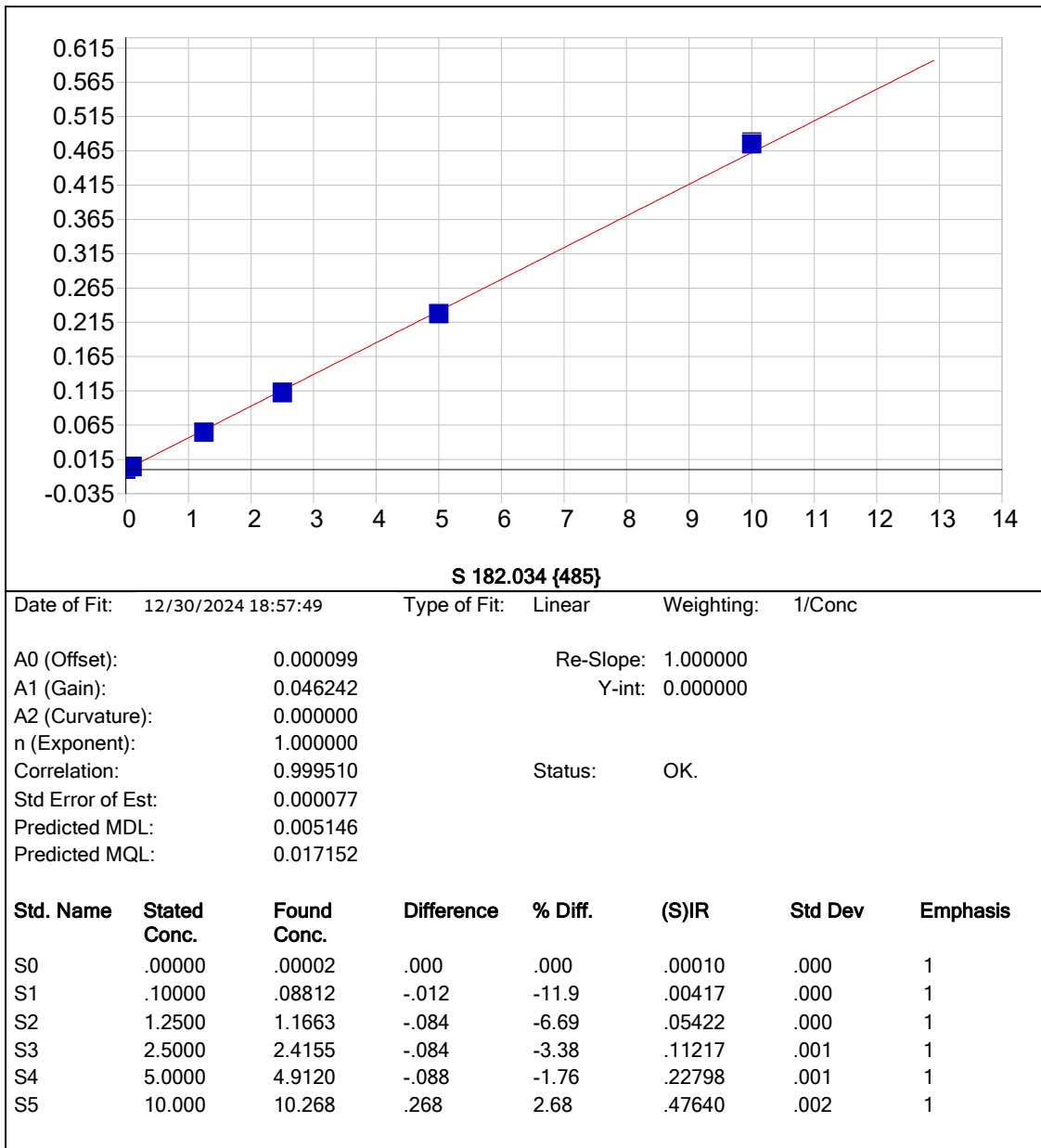




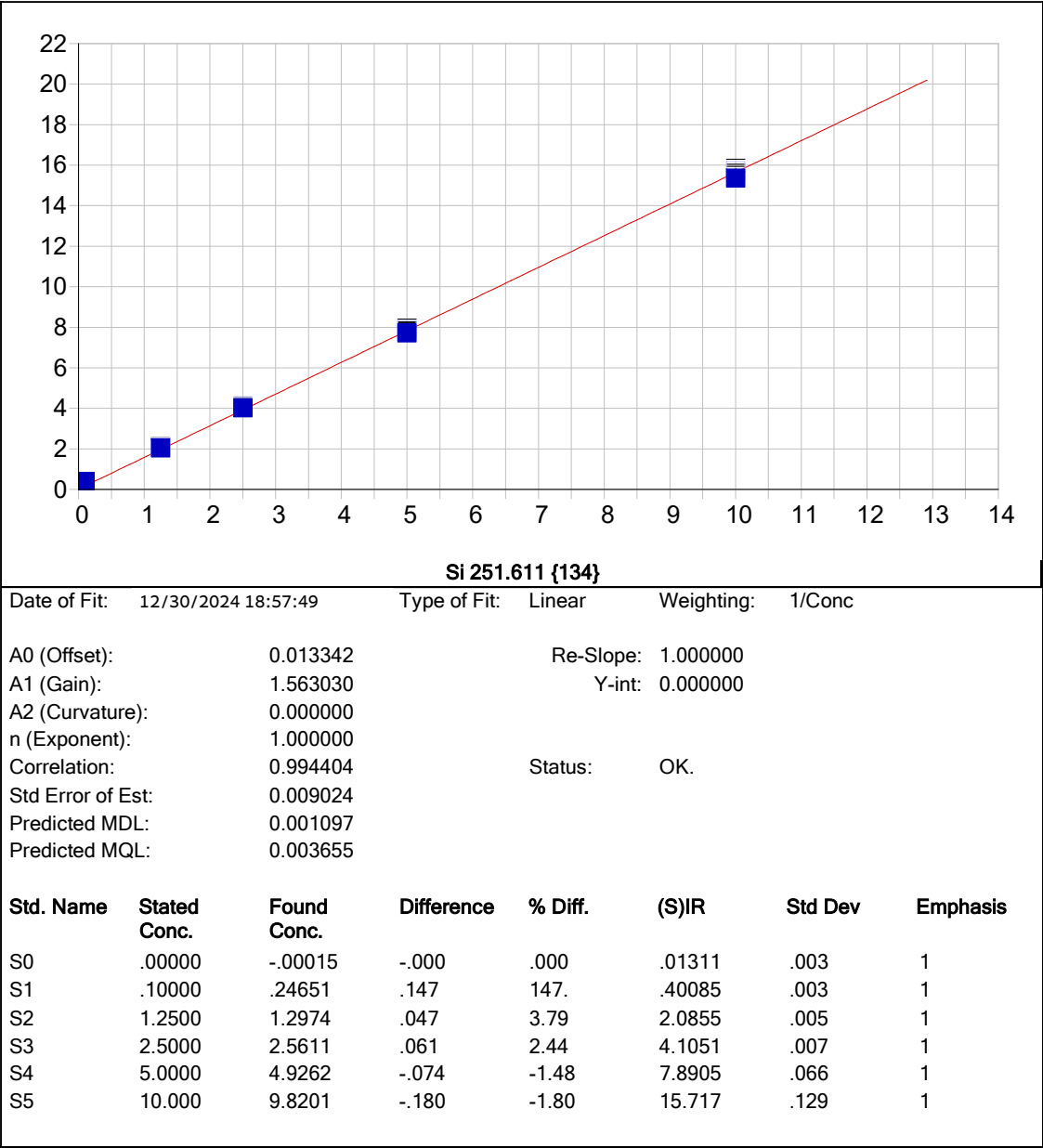


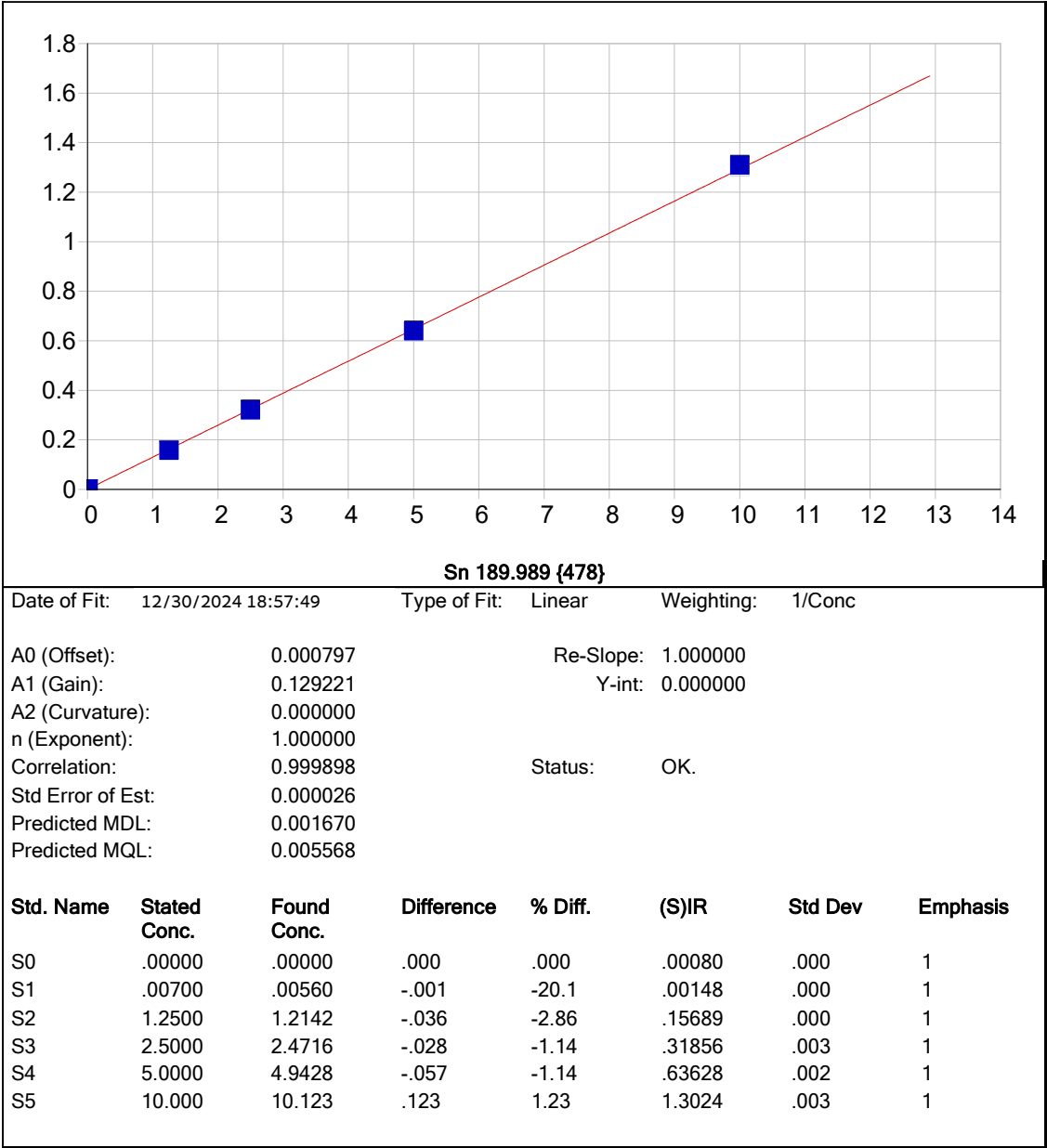


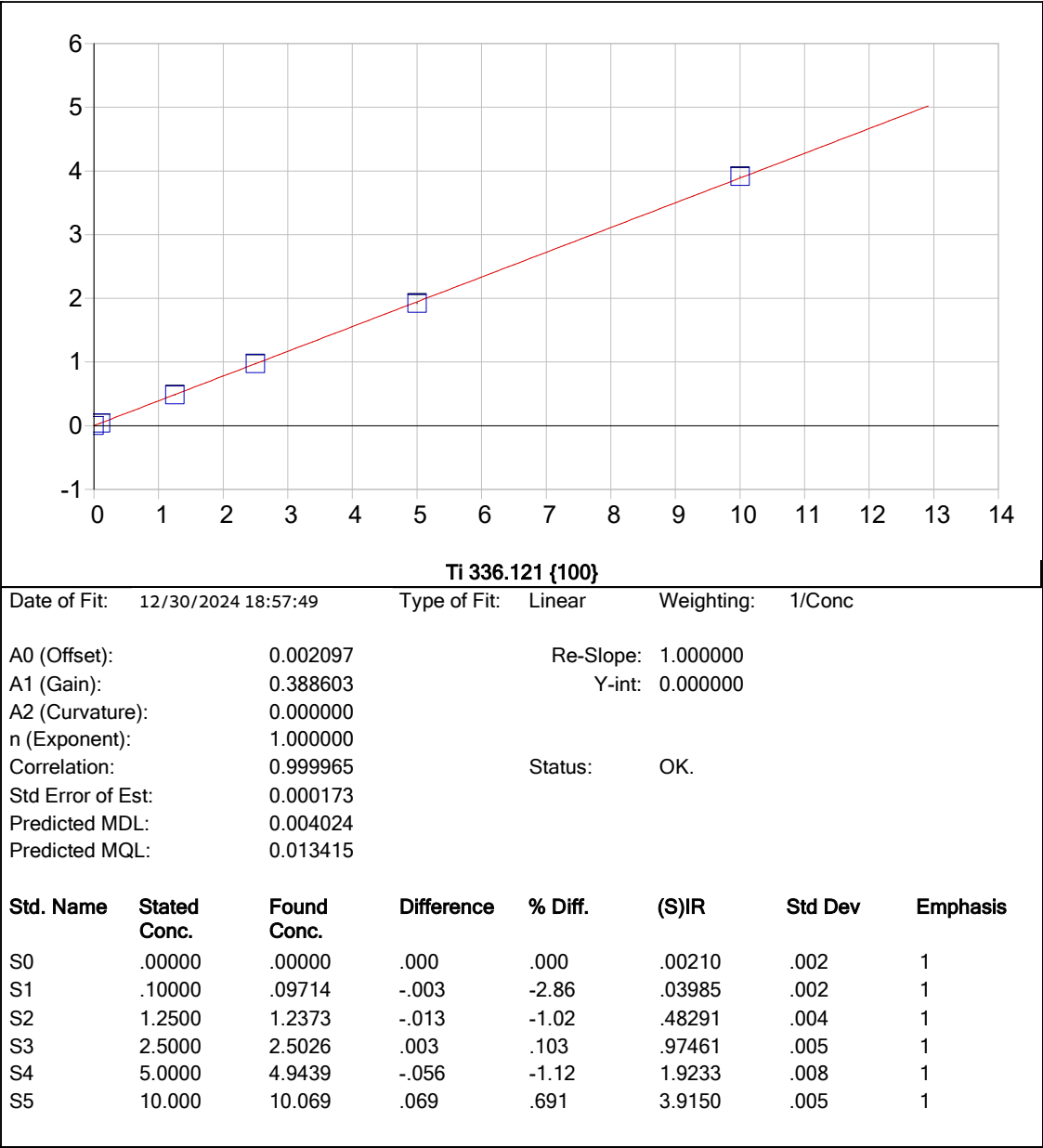


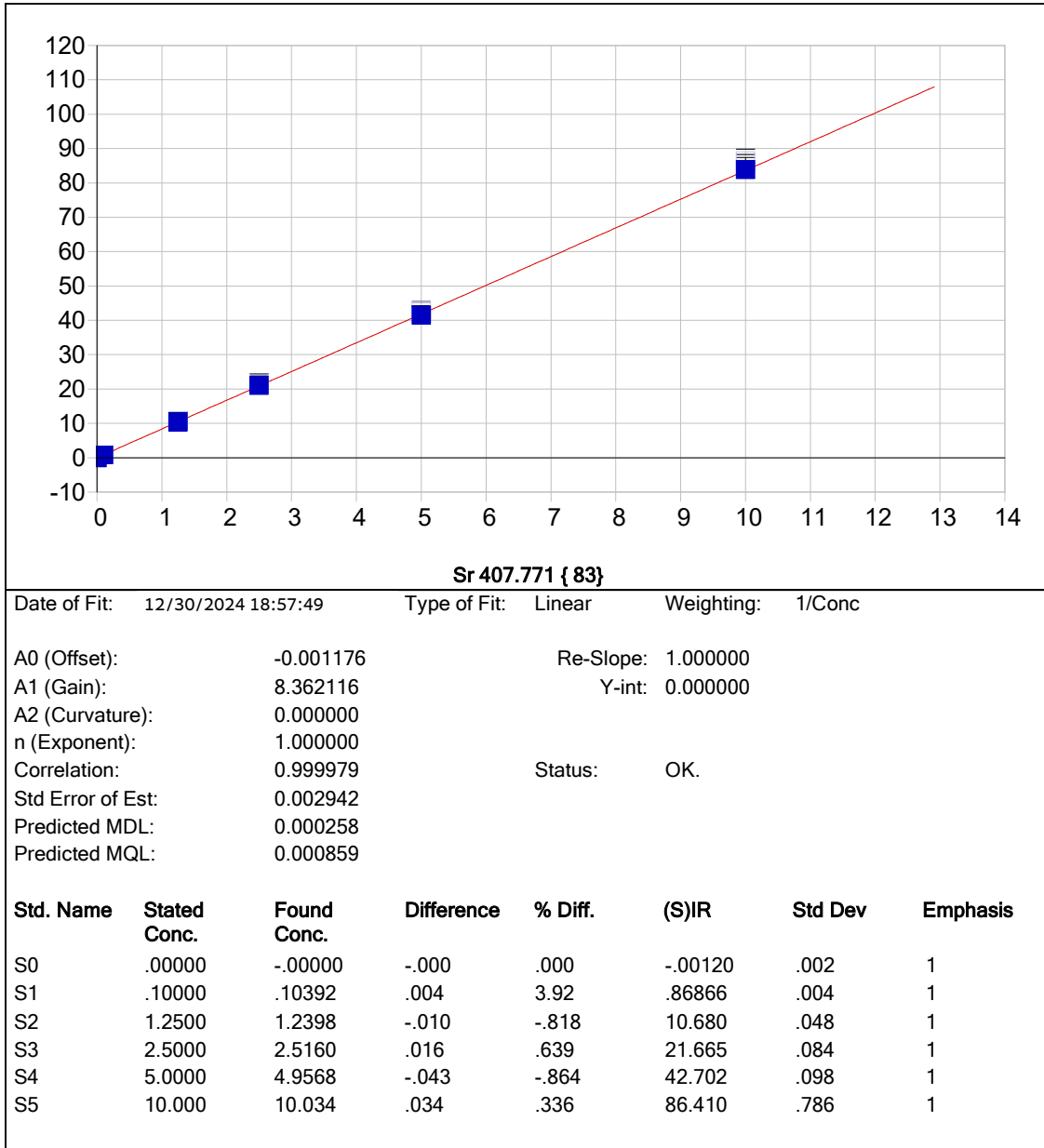


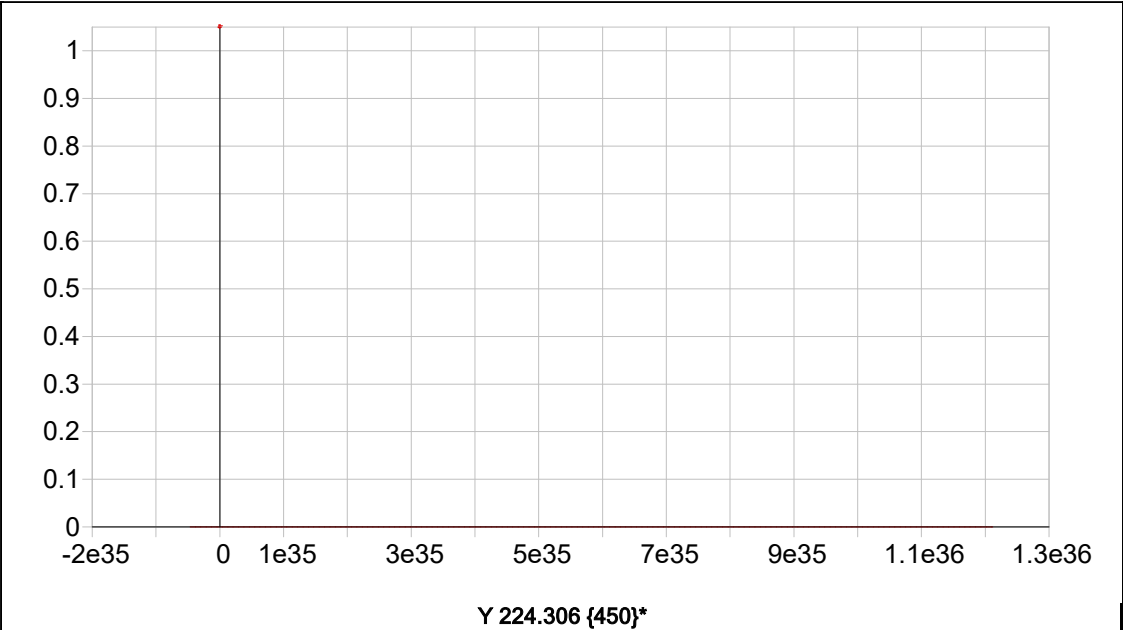






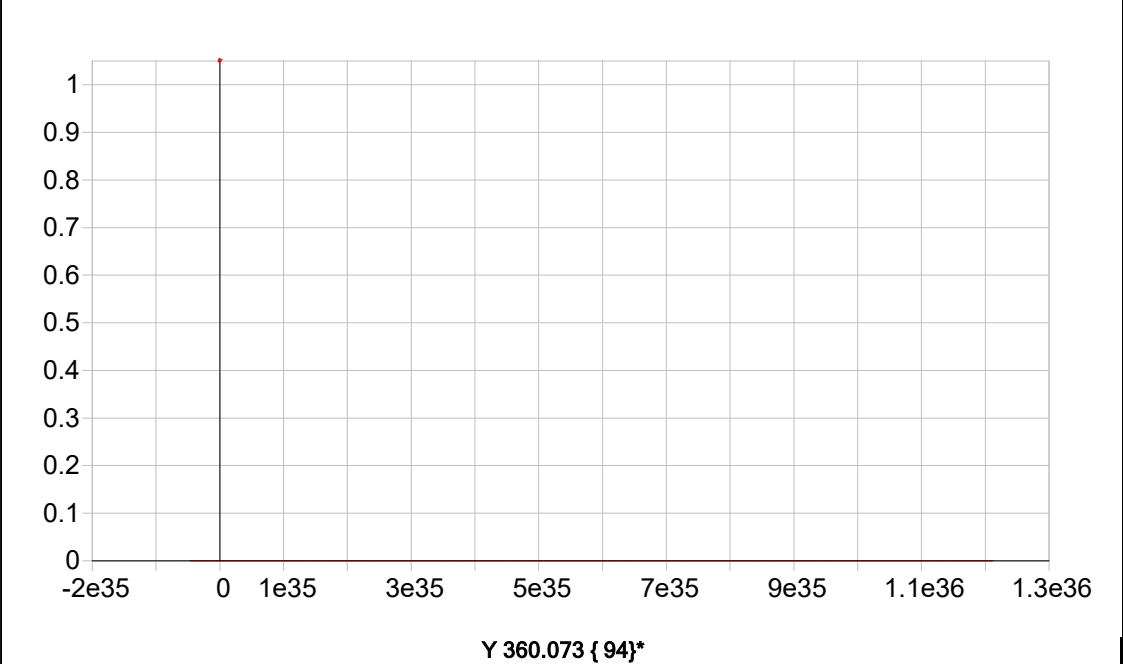




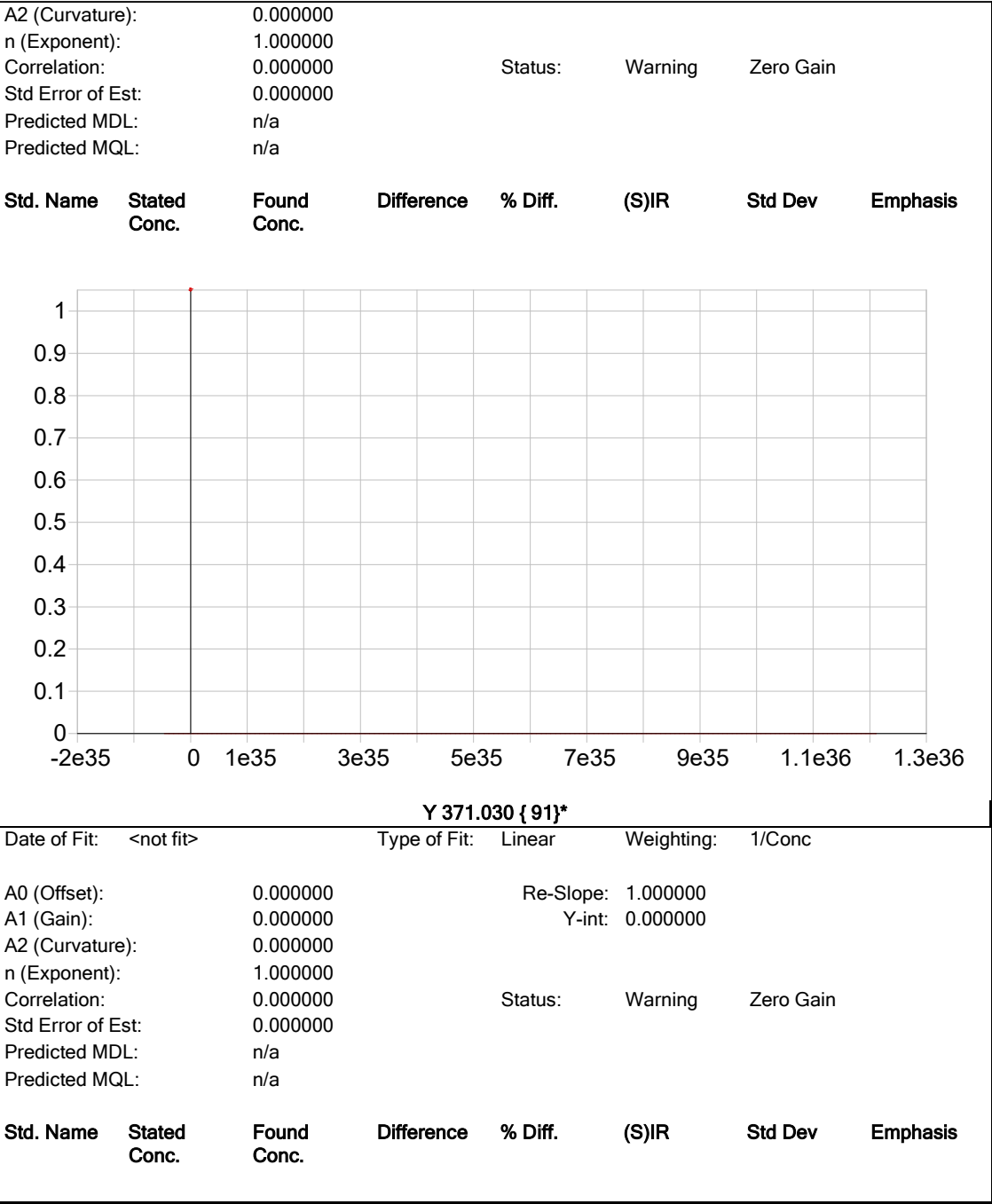


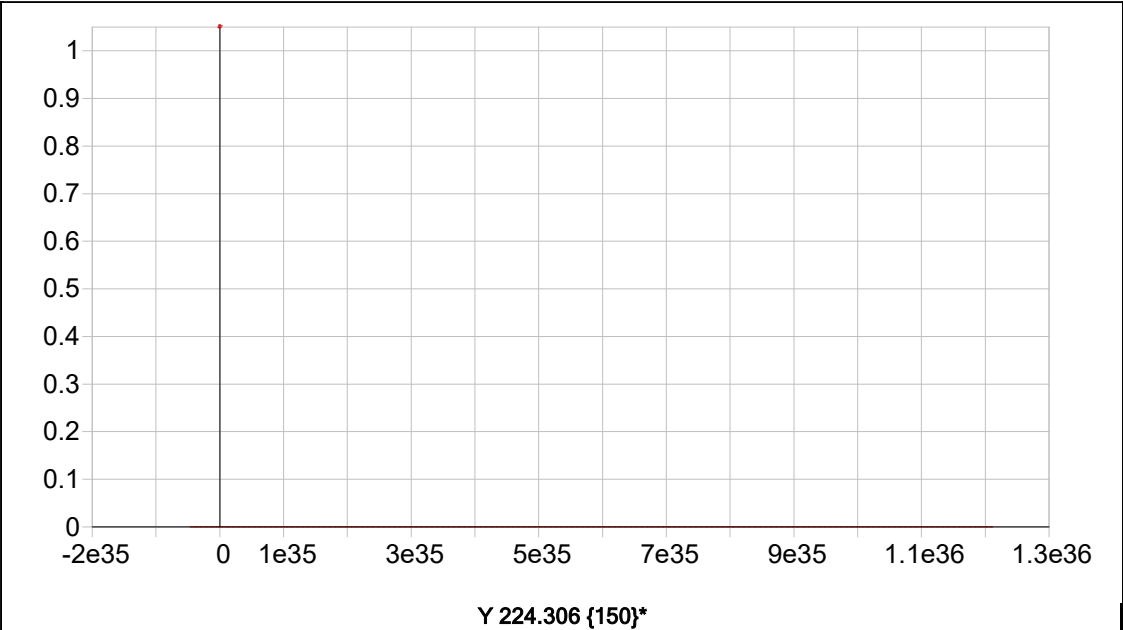
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
|-------------------|-----------|--------------|-----------|------------|-----------|
| A0 (Offset):      | 0.000000  |              | Re-Slope: | 1.000000   |           |
| A1 (Gain):        | 0.000000  |         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



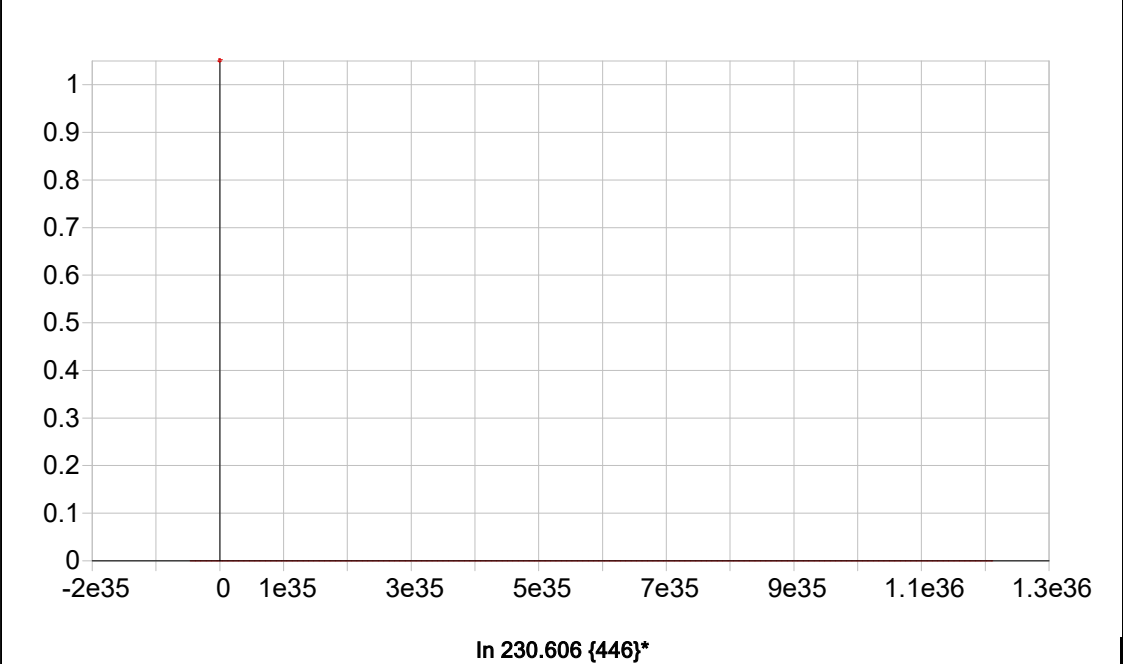
|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |  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



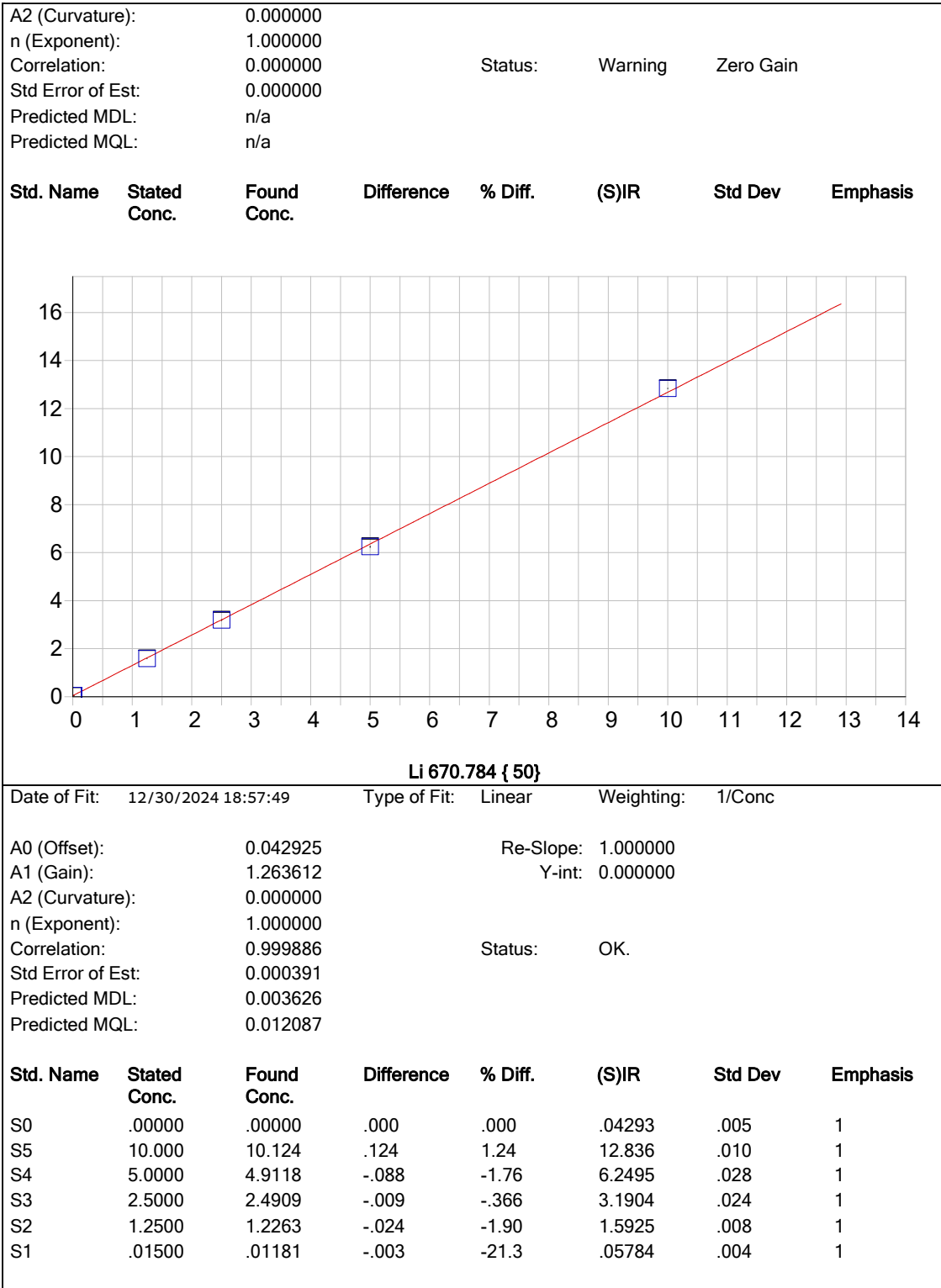


|                   |           |              |          |            |        |
|-------------------|-----------|--------------|----------|------------|--------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset):      | 0.000000  | Re-Slope:    | 1.000000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



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





Sample Name: S0      Acquired: 12/30/2024 18:31:54      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | .48771  | -.00018 | .00023  | -.00007 | -.00031 | .00088  | .05361  | -.00018 |
| Stddev | .36601  | .00012  | .00021  | .00027  | .00041  | .00428  | .00201  | .00143  |
| %RSD   | 75.047  | 67.224  | 89.359  | 364.32  | 132.22  | 488.47  | 3.7550  | 802.64  |
| #1     | .06555  | -.00021 | .00000  | -.00036 | -.00052 | .00551  | .05197  | -.00104 |
| #2     | .68158  | -.00028 | .00040  | .00017  | -.00057 | .00005  | .05301  | .00147  |
| #3     | .71602  | -.00004 | .00030  | -.00003 | .00016  | -.00293 | .05586  | -.00096 |
| 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    | .00015  | .00524  | -.00012 | -.00044 | .00070  | .00033  | .00001  | -.00117 |
| Stddev | .00040  | .00019  | .00013  | .00009  | .00090  | .00069  | .00067  | .00112  |
| %RSD   | 262.17  | 3.5611  | 104.42  | 20.663  | 128.77  | 205.07  | 10345.  | 95.638  |
| #1     | -.00013 | .00509  | -.00026 | -.00047 | .00018  | .00054  | -.00042 | -.00004 |
| #2     | .00061  | .00517  | -.00010 | -.00034 | .00173  | -.00043 | .00078  | -.00228 |
| #3     | -.00002 | .00545  | -.00001 | -.00052 | .00018  | .00090  | -.00034 | -.00120 |
| 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    | -.00102 | .00038  | .00809  | -.00000 | .07052  | .06356  | -.00395 | .00654  |
| Stddev | .00048  | .00014  | .00777  | .00033  | .00026  | .00290  | .00010  | .00228  |
| %RSD   | 46.986  | 36.901  | 96.117  | 20248.  | .36704  | 4.5598  | 2.4303  | 34.807  |
| #1     | -.00067 | .00026  | .00212  | -.00009 | .07040  | .06675  | -.00386 | .00500  |
| #2     | -.00156 | .00035  | .01687  | .00036  | .07082  | .06108  | -.00405 | .00548  |
| #3     | -.00082 | .00053  | .00526  | -.00028 | .07035  | .06285  | -.00395 | .00916  |
| 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    | -.00002 | .00010  | .01311  | .00080  | .00210  | -.00120 | .04293  |         |
| Stddev | .00026  | .00038  | .00263  | .00017  | .00218  | .00183  | .00544  |         |
| %RSD   | 1113.1  | 381.33  | 20.034  | 20.718  | 103.87  | 152.07  | 12.677  |         |
| #1     | -.00003 | -.00018 | .01612  | .00095  | -.00037 | .00088  | .03678  |         |
| #2     | -.00028 | -.00005 | .01127  | .00063  | .00376  | -.00256 | .04711  |         |
| #3     | .00024  | .00053  | .01194  | .00081  | .00290  | -.00193 | .04490  |         |

Sample Name: S0      Acquired: 12/30/2024 18:31:54      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1639.6 | 20600. | 2264.6 | 1361.8 | 1934.7 |
| Stddev    | 5.3    | 91.    | 17.0   | 1.3    | 3.6    |
| %RSD      | .32023 | .44136 | .75257 | .09292 | .18563 |
| #1        | 1634.2 | 20686. | 2256.6 | 1363.2 | 1930.9 |
| #2        | 1640.1 | 20609. | 2284.2 | 1360.7 | 1935.3 |
| #3        | 1644.6 | 20504. | 2253.0 | 1361.4 | 1938.0 |

Sample Name: S1      Acquired: 12/30/2024 18:36:02      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 1.3820 | .00228 | .00285 | .00179 | .00864 | .02336 | .91421  | .05540 |
| Stddev | .5105  | .00020 | .00007 | .00027 | .00094 | .00350 | .00047  | .00156 |
| %RSD   | 36.939 | 8.7924 | 2.4382 | 15.327 | 10.933 | 14.998 | .05156  | 2.8150 |
| #1     | .91488 | .00250 | .00292 | .00170 | .00917 | .01942 | .91368  | .05582 |
| #2     | 1.3043 | .00211 | .00284 | .00157 | .00755 | .02612 | .91459  | .05671 |
| #3     | 1.9270 | .00223 | .00278 | .00210 | .00921 | .02453 | .91434  | .05368 |
| 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    | .01982 | .27139 | .00303 | .05588 | .00505 | .00216 | .00658  | .05527 |
| Stddev | .00013 | .00313 | .00013 | .00053 | .00057 | .00051 | .00029  | .00039 |
| %RSD   | .67127 | 1.1522 | 4.2074 | .94534 | 11.267 | 23.597 | 4.4785  | .70442 |
| #1     | .01972 | .27257 | .00311 | .05647 | .00515 | .00182 | .00692  | .05545 |
| #2     | .01976 | .26785 | .00288 | .05574 | .00556 | .00191 | .00639  | .05552 |
| #3     | .01997 | .27376 | .00309 | .05544 | .00444 | .00274 | .00643  | .05482 |
| 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    | .02468 | .00354 | 1.3441 | .00552 | .21769 | .20177 | -.00333 | .00318 |
| Stddev | .00051 | .00015 | .0179  | .00181 | .00266 | .00354 | .00036  | .00070 |
| %RSD   | 2.0528 | 4.3105 | 1.3288 | 32.737 | 1.2220 | 1.7551 | 10.706  | 22.053 |
| #1     | .02490 | .00361 | 1.3612 | .00540 | .21973 | .20077 | -.00372 | .00391 |
| #2     | .02503 | .00336 | 1.3256 | .00377 | .21468 | .20571 | -.00326 | .00251 |
| #3     | .02410 | .00365 | 1.3456 | .00738 | .21865 | .19884 | -.00301 | .00313 |
| 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    | .00721 | .00417 | .40085 | .00148 | .03985 | .86866 | .05784  |        |
| Stddev | .00039 | .00007 | .00346 | .00015 | .00199 | .00369 | .00355  |        |
| %RSD   | 5.3484 | 1.7529 | .86390 | 9.9932 | 4.9955 | .42486 | 6.1326  |        |
| #1     | .00703 | .00422 | .40047 | .00156 | .04171 | .86598 | .05417  |        |
| #2     | .00766 | .00421 | .39760 | .00131 | .03775 | .86714 | .05811  |        |
| #3     | .00695 | .00409 | .40449 | .00157 | .04009 | .87287 | .06125  |        |

Sample Name: S1      Acquired: 12/30/2024 18:36:02      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1671.7 | 20999. | 2283.5 | 1389.8 | 1978.9 |
| Stddev    | 3.6    | 63.    | 10.6   | 2.1    | 3.5    |
| %RSD      | .21736 | .29841 | .46504 | .15268 | .17545 |
| #1        | 1675.6 | 21058. | 2276.4 | 1387.8 | 1982.8 |
| #2        | 1668.5 | 21006. | 2295.7 | 1392.0 | 1977.7 |
| #3        | 1670.9 | 20933. | 2278.4 | 1389.6 | 1976.2 |

Sample Name: S2      Acquired: 12/30/2024 18:40:09      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 155.29 | .11676 | 1.5375 | .07522 | .19415 | 4.3239 | 10.483 | 1.3341 |
| Stddev | .35    | .00025 | .0019  | .00060 | .00043 | .0220  | .032   | .0058  |
| %RSD   | .22466 | .21246 | .12189 | .79447 | .22352 | .50772 | .30081 | .43554 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 155.69 | .11648 | 1.5358 | .07477 | .19376 | 4.3037 | 10.449 | 1.3279 |
| #2 | 155.04 | .11694 | 1.5395 | .07500 | .19407 | 4.3472 | 10.512 | 1.3395 |
| #3 | 155.13 | .11686 | 1.5373 | .07590 | .19462 | 4.3207 | 10.488 | 1.3347 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.4778 | 3.3576 | 1.1657 | .69992 | .51094 | .89583 | 1.5779 | .68914 |
| Stddev | .0030  | .0093  | .0009  | .00131 | .00134 | .00271 | .0046  | .00014 |
| %RSD   | .11954 | .27582 | .08027 | .18775 | .26195 | .30272 | .28911 | .02071 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.4744 | 3.3473 | 1.1667 | .69960 | .51028 | .89678 | 1.5769 | .68919 |
| #2 | 2.4798 | 3.3601 | 1.1652 | .70137 | .51248 | .89794 | 1.5829 | .68898 |
| #3 | 2.4793 | 3.3653 | 1.1650 | .69880 | .51006 | .89277 | 1.5740 | .68924 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .41069 | .09221 | 11.757 | .06640 | 9.2194 | 1.1148 | .09121 | .94803 |
| Stddev | .00021 | .00018 | .037   | .00087 | .0742  | .0031  | .00018 | .00121 |
| %RSD   | .05046 | .19289 | .31262 | 1.3055 | .80526 | .28113 | .20013 | .12792 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .41046 | .09242 | 11.725 | .06627 | 9.1533 | 1.1119 | .09141 | .94672 |
| #2 | .41074 | .09212 | 11.749 | .06560 | 9.2053 | 1.1143 | .09115 | .94911 |
| #3 | .41086 | .09210 | 11.797 | .06732 | 9.2997 | 1.1181 | .09106 | .94826 |

|        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .90680 | .05422 | 2.0855 | .15689 | .48291 | 10.680 | 1.5925 |
| Stddev | .00351 | .00016 | .0051  | .00050 | .00362 | .048   | .0083  |
| %RSD   | .38728 | .28681 | .24254 | .31819 | .74884 | .45263 | .51824 |

|    |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|
| #1 | .90315 | .05404 | 2.0798 | .15638 | .48191 | 10.624 | 1.5836 |
| #2 | .90709 | .05433 | 2.0875 | .15738 | .48692 | 10.710 | 1.5939 |
| #3 | .91015 | .05428 | 2.0893 | .15691 | .47990 | 10.705 | 1.6000 |

Sample Name: S2      Acquired: 12/30/2024 18:40:09      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1617.5 | 20628. | 2283.7 | 1343.4 | 1841.2 |
| Stddev    | 3.5    | 54.    | 7.9    | 8.8    | 2.7    |
| %RSD      | .21621 | .26008 | .34596 | .65207 | .14665 |
| #1        | 1621.4 | 20585. | 2290.9 | 1349.6 | 1842.2 |
| #2        | 1616.3 | 20688. | 2284.9 | 1347.3 | 1838.1 |
| #3        | 1614.7 | 20613. | 2275.2 | 1333.4 | 1843.2 |

Sample Name: S3      Acquired: 12/30/2024 18:44:01      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 305.05 | .23407 | 3.1049 | .15399 | .39614 | 8.7538 | 21.221 | 2.6568 |
| Stddev | .38    | .00207 | .0328  | .00135 | .00427 | .0517  | .147   | .0054  |
| %RSD   | .12356 | .88581 | 1.0574 | .87878 | 1.0792 | .59121 | .69510 | .20348 |
| #1     | 304.94 | .23416 | 3.1080 | .15400 | .39737 | 8.6985 | 21.061 | 2.6621 |
| #2     | 304.74 | .23610 | 3.1361 | .15534 | .39967 | 8.7621 | 21.248 | 2.6568 |
| #3     | 305.47 | .23195 | 3.0707 | .15263 | .39139 | 8.8010 | 21.353 | 2.6513 |
| 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    | 4.9981 | 6.7287 | 2.3102 | 1.4001 | 1.0172 | 1.8044 | 3.1852 | 1.3888 |
| Stddev | .0564  | .0274  | .0024  | .0156  | .0064  | .0107  | .0221  | .0120  |
| %RSD   | 1.1286 | .40670 | .10165 | 1.1133 | .62877 | .59271 | .69314 | .86705 |
| #1     | 4.9991 | 6.6994 | 2.3076 | 1.4019 | 1.0100 | 1.7924 | 3.1681 | 1.3825 |
| #2     | 5.0539 | 6.7330 | 2.3112 | 1.4147 | 1.0191 | 1.8080 | 3.1773 | 1.3812 |
| #3     | 4.9411 | 6.7537 | 2.3120 | 1.3837 | 1.0223 | 1.8128 | 3.2101 | 1.4027 |
| 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    | .83212 | .18601 | 25.506 | .13479 | 18.539 | 2.2209 | .19237 | 1.8972 |
| Stddev | .00905 | .00123 | .035   | .00094 | .042   | .0073  | .00163 | .0064  |
| %RSD   | 1.0876 | .66380 | .13767 | .69406 | .22900 | .32713 | .84583 | .33568 |
| #1     | .83279 | .18482 | 25.474 | .13378 | 18.502 | 2.2126 | .19226 | 1.8977 |
| #2     | .84081 | .18728 | 25.543 | .13494 | 18.585 | 2.2247 | .19404 | 1.9034 |
| #3     | .82275 | .18592 | 25.502 | .13564 | 18.529 | 2.2255 | .19079 | 1.8907 |
| 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    | 1.8440 | .11217 | 4.1051 | .31856 | .97461 | 21.665 | 3.1904 |        |
| Stddev | .0137  | .00121 | .0066  | .00312 | .00538 | .084   | .0242  |        |
| %RSD   | .74473 | 1.0793 | .15964 | .97865 | .55245 | .38935 | .75691 |        |
| #1     | 1.8446 | .11220 | 4.0977 | .31816 | .96887 | 21.573 | 3.1671 |        |
| #2     | 1.8574 | .11336 | 4.1073 | .32186 | .97540 | 21.682 | 3.1887 |        |
| #3     | 1.8299 | .11094 | 4.1102 | .31567 | .97955 | 21.739 | 3.2154 |        |

Sample Name: S3      Acquired: 12/30/2024 18:44:01      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1561.5 | 20211. | 2259.2 | 1295.9 | 1763.7 |
| Stddev    | 14.8   | 50.    | 3.7    | 3.4    | 19.6   |
| %RSD      | .94807 | .24650 | .16502 | .26284 | 1.1134 |
| #1        | 1556.8 | 20266. | 2263.4 | 1299.2 | 1760.1 |
| #2        | 1549.5 | 20199. | 2256.3 | 1292.3 | 1746.1 |
| #3        | 1578.0 | 20168. | 2257.9 | 1296.1 | 1784.9 |



Sample Name: S4      Acquired: 12/30/2024 18:47:50      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 594.19 | .45709 | 6.1967 | .30702 | .79786 | 17.276 | 41.889 | 5.1591 |
| Stddev | .80    | .00152 | .0186  | .00115 | .00133 | .046   | .180   | .0428  |
| %RSD   | .13396 | .33317 | .29951 | .37504 | .16721 | .26773 | .42994 | .83007 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 595.10 | .45637 | 6.1879 | .30758 | .79926 | 17.301 | 41.967 | 5.1630 |
| #2 | 593.84 | .45607 | 6.1843 | .30570 | .79772 | 17.304 | 42.017 | 5.1999 |
| #3 | 593.63 | .45884 | 6.2181 | .30778 | .79660 | 17.223 | 41.683 | 5.1145 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.8590 | 13.106 | 4.4874 | 2.7476 | 1.9943 | 3.5140 | 6.1778 | 2.7148 |
| Stddev | .0270  | .057   | .0355  | .0083  | .0067  | .0095  | .0271  | .0097  |
| %RSD   | .27331 | .43262 | .79189 | .30304 | .33537 | .27053 | .43881 | .35654 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.8472 | 13.153 | 4.4478 | 2.7459 | 1.9980 | 3.5192 | 6.1949 | 2.7128 |
| #2 | 9.8401 | 13.121 | 4.5164 | 2.7403 | 1.9982 | 3.5197 | 6.1918 | 2.7254 |
| #3 | 9.8899 | 13.043 | 4.4979 | 2.7567 | 1.9865 | 3.5030 | 6.1465 | 2.7064 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.6487 | .36987 | 54.039 | .26526 | 36.707 | 4.3628 | .39050 | 3.6790 |
| Stddev | .0030  | .00289 | .366   | .00083 | .266   | .0167  | .00113 | .0250  |
| %RSD   | .18373 | .78165 | .67732 | .31359 | .72487 | .38380 | .28878 | .67872 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.6498 | .36654 | 54.230 | .26437 | 36.426 | 4.3779 | .39131 | 3.6739 |
| #2 | 1.6452 | .37175 | 54.269 | .26602 | 36.955 | 4.3658 | .38921 | 3.7062 |
| #3 | 1.6510 | .37132 | 53.617 | .26539 | 36.739 | 4.3448 | .39098 | 3.6570 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 3.7042 | .22798 | 7.8905 | .63628 | 1.9233 | 42.702 | 6.2495 |  |
| Stddev | .0076  | .00053 | .0662  | .00239 | .0082  | .098   | .0279  |  |
| %RSD   | .20655 | .23070 | .83839 | .37525 | .42790 | .23019 | .44639 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 3.7083 | .22767 | 7.8990 | .63532 | 1.9317 | 42.771 | 6.2568 |  |
| #2 | 3.6954 | .22769 | 7.9520 | .63452 | 1.9230 | 42.747 | 6.2731 |  |
| #3 | 3.7089 | .22859 | 7.8205 | .63900 | 1.9152 | 42.590 | 6.2187 |  |

Sample Name: S4      Acquired: 12/30/2024 18:47:50      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1499.0 | 19874. | 2261.1 | 1243.3 | 1699.6 |
| Stddev    | 2.1    | 76.    | 21.0   | 5.2    | 5.5    |
| %RSD      | .14157 | .38012 | .92956 | .41884 | .32074 |
| #1        | 1499.2 | 19938. | 2247.1 | 1246.4 | 1702.5 |
| #2        | 1501.0 | 19790. | 2251.0 | 1237.3 | 1702.9 |
| #3        | 1496.8 | 19892. | 2285.3 | 1246.3 | 1693.3 |

Sample Name: S5      Acquired: 12/30/2024 18:51:37      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 1140.1 | .91411 | 12.710 | .64451 | 1.7283 | 35.581 | 85.807 | 10.350 |
| Stddev | .8     | .00117 | .018   | .00139 | .0041  | .036   | .127   | .101   |
| %RSD   | .06710 | .12806 | .14539 | .21644 | .23912 | .10092 | .14769 | .97868 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1140.6 | .91279 | 12.712 | .64489 | 1.7289 | 35.589 | 85.952 | 10.467 |
| #2 | 1139.2 | .91455 | 12.691 | .64297 | 1.7239 | 35.541 | 85.717 | 10.289 |
| #3 | 1140.4 | .91500 | 12.728 | .64568 | 1.7321 | 35.612 | 85.752 | 10.294 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 19.915 | 26.494 | 9.0146 | 5.5637 | 4.0585 | 7.0366 | 12.402 | 5.5028 |
| Stddev | .032   | .078   | .0211  | .0124  | .0091  | .0226  | .029   | .0155  |
| %RSD   | .16066 | .29331 | .23397 | .22230 | .22492 | .32061 | .23783 | .28171 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 19.915 | 26.566 | 9.0291 | 5.5589 | 4.0661 | 7.0627 | 12.430 | 5.5199 |
| #2 | 19.883 | 26.411 | 9.0243 | 5.5544 | 4.0484 | 7.0235 | 12.371 | 5.4895 |
| #3 | 19.947 | 26.504 | 8.9904 | 5.5777 | 4.0611 | 7.0236 | 12.404 | 5.4992 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 3.3480 | .76795 | 115.22 | .53839 | 76.348 | 8.9808 | .81379 | 7.2723 |
| Stddev | .0110  | .00063 | .53    | .00057 | .417   | .0254  | .00315 | .0670  |
| %RSD   | .32868 | .08189 | .45805 | .10559 | .54574 | .28279 | .38680 | .92133 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 3.3518 | .76856 | 115.58 | .53830 | 75.968 | 9.0094 | .81357 | 7.3478 |
| #2 | 3.3356 | .76730 | 114.61 | .53900 | 76.283 | 8.9609 | .81076 | 7.2198 |
| #3 | 3.3567 | .76799 | 115.47 | .53787 | 76.794 | 8.9720 | .81704 | 7.2493 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| 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    | 7.9177 | .47640 | 15.717 | 1.3024 | 3.9150 | 86.410 | 12.836 |  |
| Stddev | .0191  | .00174 | .129   | .0025  | .0053  | .786   | .010   |  |
| %RSD   | .24092 | .36460 | .81948 | .19257 | .13590 | .90961 | .08134 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 7.9092 | .47744 | 15.866 | 1.3014 | 3.9211 | 85.799 | 12.841 |  |
| #2 | 7.9043 | .47439 | 15.633 | 1.3006 | 3.9121 | 87.297 | 12.824 |  |
| #3 | 7.9396 | .47735 | 15.653 | 1.3052 | 3.9117 | 86.134 | 12.843 |  |

Sample Name: S5      Acquired: 12/30/2024 18:51:37      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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       | 1332.0 | 18781. | 2196.3 | 1101.3 | 1563.0 |
| Stddev    | 2.4    | 13.    | 15.3   | 7.2    | 2.4    |
| %RSD      | .18182 | .06791 | .69769 | .65430 | .15263 |
| #1        | 1334.3 | 18789. | 2179.4 | 1108.8 | 1565.2 |
| #2        | 1332.3 | 18767. | 2209.2 | 1100.8 | 1563.4 |
| #3        | 1329.5 | 18788. | 2200.5 | 1094.4 | 1560.5 |

Sample Name: S6      Acquired: 12/30/2024 18:55:40      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      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    | 91.561 | 41.699 | 18.101 | 8.6628 | 323.85 |
| Stddev | .340   | .136   | .066   | .0251  | 1.50   |
| %RSD   | .37135 | .32567 | .36613 | .28962 | .46347 |

|    |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|
| #1 | 91.559 | 41.747 | 18.130 | 8.6725 | 323.18 |
| #2 | 91.222 | 41.546 | 18.025 | 8.6343 | 325.57 |
| #3 | 91.902 | 41.804 | 18.148 | 8.6815 | 322.80 |

|           |        |
|-----------|--------|
| Int. Std. | Y_3710 |
| Units     | Cts/S  |
| Avg       | 2140.5 |
| Stddev    | 2.6    |
| %RSD      | .12357 |

|    |        |
|----|--------|
| #1 | 2140.0 |
| #2 | 2138.1 |
| #3 | 2143.3 |

Sample Name: ICV005      Acquired: 12/30/2024 19:07:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068     | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 1.080223 | 1.029759 | .9950504 | 1.002528 | .9538177   | 2.512872   |
| Stddev | .006231  | .003851  | .0014438 | .008291  | .0025610   | .031874    |
| %RSD   | .5768535 | .3739331 | .1450981 | .8270506 | .2684958   | 1.268415   |
| #1     | 1.082836 | 1.025542 | .9966301 | 1.005659 | .9542617   | 2.496117   |
| #2     | 1.084722 | 1.033088 | .9937991 | .993127  | .9510637   | 2.549629   |
| #3     | 1.073110 | 1.030647 | .9947220 | 1.008797 | .9561276   | 2.492870   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677     | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5410605 | .5418135 | .5131480 | 10.63053 | .5619677   | .5137286   |
| Stddev | .0115337 | .0093399 | .0007659 | .23816   | .0075221   | .0001505   |
| %RSD   | 2.131690 | 1.723813 | .1492525 | 2.240294 | 1.338531   | .0292946   |
| #1     | .5376641 | .5380958 | .5125968 | 10.49550 | .5688669   | .5137301   |
| #2     | .5539110 | .5524397 | .5128248 | 10.90551 | .5539483   | .5135774   |
| #3     | .5316063 | .5349049 | .5140226 | 10.49057 | .5630878   | .5138784   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316     | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5330611 | 10.90618 | .5503640 | 6.441025 | .5209222   | .2501392   |
| Stddev | .0036034 | .24624   | .0084662 | .095550  | .0004804   | .0025269   |
| %RSD   | .6759847 | 2.257772 | 1.538295 | 1.483457 | .0922211   | 1.010200   |
| #1     | .5304848 | 10.74570 | .5479440 | 6.414045 | .5208427   | .2518996   |
| #2     | .5371788 | 11.18969 | .5597768 | 6.547164 | .5204865   | .2472438   |
| #3     | .5315195 | 10.78315 | .5433713 | 6.361866 | .5214374   | .2512741   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 9.432906 | .5373080 | .9847268 | 9.838333 | F -.002858 | F -.022855 |
| Stddev | .115921  | .0244940 | .0156095 | .112916  | .003258    | .000228    |
| %RSD   | 1.228903 | 4.558655 | 1.585158 | 1.147713 | 113.9792   | .9955645   |
| #1     | 9.380408 | .5333702 | .9967002 | 9.732140 | -.002683   | -.022994   |
| #2     | 9.565789 | .5635324 | .9670725 | 9.956945 | -.006200   | -.022980   |
| #3     | 9.352522 | .5150214 | .9904077 | 9.825915 | .000309    | -.022593   |

Sample Name: ICV005      Acquired: 12/30/2024 19:07:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV005      Custom ID2:      Custom ID3:  
Comment:

|        |            |            |            |            |            |            |
|--------|------------|------------|------------|------------|------------|------------|
| Elem   | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Sr4077     |
| Units  | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg    | F .0007553 | F .0103732 | F .0002918 | F .0014187 | F .0004416 | F -.009780 |
| Stddev | .0001869   | .0019412   | .0008796   | .0004184   | .0046983   | .000215    |
| %RSD   | 24.73849   | 18.71314   | 301.4705   | 29.49398   | 1063.990   | 2.193752   |
| #1     | .0008575   | .0119618   | .0009212   | .0010072   | -.001756   | -.009668   |
| #2     | .0005397   | .0082095   | .0006675   | .0014052   | .005836    | -.010027   |
| #3     | .0008688   | .0109484   | -.000713   | .0018437   | -.002755   | -.009644   |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0206045 |
| Stddev | .0063842   |
| %RSD   | 30.98433   |
| #1     | .0166640   |
| #2     | .0279703   |
| #3     | .0171792   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1665.388 | 20948.27 | 2254.700 | 1386.999 | 1953.339 |
| Stddev    | .951     | 323.02   | 30.597   | 26.015   | 1.037    |
| %RSD      | .0571213 | 1.541967 | 1.357019 | 1.875631 | .0530879 |
| #1        | 1665.616 | 20722.96 | 2275.379 | 1370.115 | 1952.328 |
| #2        | 1666.205 | 21318.35 | 2219.552 | 1416.958 | 1954.400 |
| #3        | 1664.344 | 20803.51 | 2269.169 | 1373.925 | 1953.288 |

Sample Name: ICB005      Acquired: 12/30/2024 19:11:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004422 | -.000055 | .0006760 | .0094432 | .0032602 | -.017424 |
| Stddev | .000589  | .003508  | .0012038 | .0063903 | .0008928 | .034597  |
| %RSD   | 13.31514 | 6376.647 | 178.0634 | 67.67020 | 27.38489 | 198.5532 |
| #1     | -.005050 | .002086  | .0020641 | .0092697 | .0039381 | -.005690 |
| #2     | -.003883 | -.004103 | .0000456 | .0159185 | .0035939 | .009779  |
| #3     | -.004332 | .001852  | -.000082 | .0031415 | .0022486 | -.056362 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018960 | .0001969 | .0000913 | .0117123 | -.000236 | -.000205 |
| Stddev | .0008401 | .0001511 | .0000552 | .0144878 | .000398  | .000308  |
| %RSD   | 44.30695 | 76.73582 | 60.39428 | 123.6977 | 169.0779 | 150.1010 |
| #1     | .0028649 | .0002296 | .0001479 | -.004512 | -.000642 | -.000371 |
| #2     | .0013708 | .0003289 | .0000377 | .016291  | -.000219 | .000150  |
| #3     | .0014524 | .0000321 | .0000884 | .023357  | .000154  | -.000395 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0061687 | -.023173 | -.000546 | .0481811 | -.000764 | .0008865 |
| Stddev | .0089478 | .014484  | .001420  | .0353511 | .000402  | .0011057 |
| %RSD   | 145.0504 | 62.50541 | 260.2503 | 73.37118 | 52.61609 | 124.7215 |
| #1     | .0147270 | -.030691 | -.001316 | .0120598 | -.001218 | .0020471 |
| #2     | -.003123 | -.006475 | .001093  | .0497756 | -.000623 | -.000155 |
| #3     | .006903  | -.032352 | -.001414 | .0827080 | -.000452 | .000767  |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0262150 | -.007058 | .0006547 | .1011701 | -.001412 | -.001380 |
| Stddev | .0123692 | .006383  | .0000754 | .1566626 | .001358  | .001677  |
| %RSD   | 47.18383 | 90.43841 | 11.51386 | 154.8506 | 96.17765 | 121.5110 |
| #1     | .0197096 | -.004658 | .0005681 | .0568419 | -.002017 | -.000752 |
| #2     | .0184559 | -.002222 | .0007059 | .2752204 | .000143  | -.000108 |
| #3     | .0404793 | -.014293 | .0006900 | -.028552 | -.002363 | -.003281 |



Sample Name: ICB005      Acquired: 12/30/2024 19:11:07      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004424 | .0011069 | .0001734 | .0008751 | -.001252 | -.000130 |
| Stddev | .0004210 | .0022354 | .0010305 | .0010993 | .002767  | .000249  |
| %RSD   | 95.15588 | 201.9442 | 594.1416 | 125.6246 | 220.9722 | 190.6955 |
| #1     | .0008973 | -.000199 | -.000174 | .0021129 | .000030  | -.000046 |
| #2     | .0003632 | .003688  | -.000639 | .0000127 | .000641  | .000065  |
| #3     | .0000667 | -.000168 | .001333  | .0004996 | -.004428 | -.000410 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0201766 |
| Stddev | .0028008   |
| %RSD   | 13.88160   |
| #1     | .0217487   |
| #2     | .0218383   |
| #3     | .0169429   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1617.831 | 20661.87 | 2244.670 | 1370.334 | 1905.590 |
| Stddev    | 21.190   | 131.88   | 16.038   | 8.275    | 24.201   |
| %RSD      | 1.309759 | .6382684 | .7144734 | .6038481 | 1.270015 |
| #1        | 1639.371 | 20747.44 | 2226.211 | 1377.092 | 1929.791 |
| #2        | 1597.010 | 20728.18 | 2252.616 | 1372.805 | 1881.389 |
| #3        | 1617.111 | 20510.00 | 2255.183 | 1361.106 | 1905.590 |

Sample Name: ICSA005      Acquired: 12/30/2024 19:15:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019224 | .0064219 | .0070429 | -.006256 | .0029989 | 247.5376 |
| Stddev | .0056777 | .0073943 | .0009340 | .004508  | .0029282 | .4298    |
| %RSD   | 295.3463 | 115.1420 | 13.26176 | 72.06210 | 97.64188 | .1736117 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001574 | .0017314 | .0059875 | -.010565 | .0016897 | 247.6627 |
| #2 | -.001133 | .0149457 | .0073784 | -.006632 | .0063534 | 247.8909 |
| #3 | .008474  | .0025885 | .0077629 | -.001572 | .0009537 | 247.0592 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0069434 | .0014372 | .0009415 | 254.8073 | .0546590 | .0362012 |
| Stddev | .0003974 | .0000756 | .0000864 | .1908    | .0008419 | .0006535 |
| %RSD   | 5.723151 | 5.260761 | 9.175395 | .0748799 | 1.540249 | 1.805307 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0067619 | .0014009 | .0009821 | 254.9558 | .0554176 | .0356354 |
| #2 | .0066692 | .0013865 | .0010001 | 254.8739 | .0548062 | .0360516 |
| #3 | .0073992 | .0015241 | .0008423 | 254.5921 | .0537533 | .0369166 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0040628 | 104.5612 | .0081151 | 265.9305 | .0072743 | -.005853 |
| Stddev | .0140723 | .1068    | .0005219 | 1.0380   | .0008964 | .000520  |
| %RSD   | 346.3688 | .1021870 | 6.431323 | .3903212 | 12.32247 | 8.889388 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0195258 | 104.6501 | .0087000 | 265.8863 | .0062648 | -.006372 |
| #2 | -.007993 | 104.5908 | .0076968 | 266.9899 | .0079770 | -.005331 |
| #3 | .000656  | 104.4426 | .0079487 | 264.9154 | .0075810 | -.005857 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .1246495 | .0057452 | -.022565 | -.217994 | .0058272 | F -.244283 |
| Stddev | .0361432 | .0033235 | .000251  | .046698  | .0041154 | .005263    |
| %RSD   | 28.99587 | 57.84806 | 1.110835 | 21.42165 | 70.62349 | 2.154508   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1481180 | .0049062 | -.022385 | -.242136 | .0014085 | -.245926 |
| #2 | .1428025 | .0094078 | -.022459 | -.164167 | .0095507 | -.238395 |
| #3 | .0830279 | .0029216 | -.022851 | -.247679 | .0065225 | -.248529 |

Sample Name: ICSA005      Acquired: 12/30/2024 19:15:12      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0024792 | .0159462 | -.001970 | F .0146502 | -.005251 | .0039033 |
| Stddev | .0005627 | .0087397 | .000571  | .0010760   | .001646  | .0003420 |
| %RSD   | 22.69673 | 54.80710 | 28.99347 | 7.344695   | 31.34462 | 8.762206 |
| #1     | .0030583 | .0091696 | -.001514 | .0143841   | -.003557 | .0036702 |
| #2     | .0019344 | .0128584 | -.001786 | .0158343   | -.006845 | .0037439 |
| #3     | .0024449 | .0258106 | -.002611 | .0137322   | -.005351 | .0042960 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0249194 |
| Stddev | .0031040   |
| %RSD   | 12.45628   |
| #1     | .0228785   |
| #2     | .0284916   |
| #3     | .0233883   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1570.153 | 19536.80 | 2239.211 | 1305.365 | 1734.218 |
| Stddev    | 7.818    | 110.80   | 17.790   | 3.274    | 4.926    |
| %RSD      | .4979338 | .5671282 | .7944773 | .2508457 | .2840742 |
| #1        | 1572.784 | 19553.67 | 2219.631 | 1305.838 | 1737.591 |
| #2        | 1576.317 | 19418.53 | 2254.383 | 1301.879 | 1736.499 |
| #3        | 1561.358 | 19638.20 | 2243.618 | 1308.377 | 1728.565 |

Sample Name: ICSAB005      Acquired: 12/30/2024 19:50:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1018566 | .0998692 | .0576695 | .0392489 | .5991666 | 231.7798 |
| Stddev | .0087626 | .0051157 | .0041732 | .0025021 | .0026822 | .8584    |
| %RSD   | 8.602880 | 5.122373 | 7.236340 | 6.374888 | .4476521 | .3703320 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1117581 | .0953886 | .0624386 | .0397611 | .5994371 | 230.8086 |
| #2 | .0987096 | .0987759 | .0558827 | .0414552 | .5963595 | 232.4369 |
| #3 | .0951021 | .1054432 | .0546873 | .0365303 | .6017033 | 232.0938 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5424965 | .5405325 | 1.061315 | 240.3109 | .6203899 | .5472687 |
| Stddev | .0017840 | .0053971 | .002727  | .5044    | .0016266 | .0016058 |
| %RSD   | .3288520 | .9984758 | .2569782 | .2099028 | .2621899 | .2934155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5405982 | .5416880 | 1.060308 | 239.7791 | .6217169 | .5463216 |
| #2 | .5427530 | .5452582 | 1.059235 | 240.3713 | .6208775 | .5463618 |
| #3 | .5441385 | .5346512 | 1.064403 | 240.7825 | .6185753 | .5491228 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4965447 | 98.16970 | .5467131 | 248.7891 | 1.054149 | .2109795 |
| Stddev | .0148174 | .29137   | .0034264 | .7576    | .002468  | .0013625 |
| %RSD   | 2.984093 | .2968029 | .6267227 | .3045110 | .2341084 | .6457770 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5081233 | 98.05458 | .5436099 | 247.9197 | 1.053344 | .2123633 |
| #2 | .5016645 | 97.95347 | .5461391 | 249.1404 | 1.052183 | .2096394 |
| #3 | .4798464 | 98.50104 | .5503902 | 249.3074 | 1.056918 | .2109358 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0714130 | .5313850 | 1.008942 | -.628636 | .0017804 | F -.238675 |
| Stddev | .0119023 | .0095604 | .004816  | .200760  | .0048004 | .004835    |
| %RSD   | 16.66690 | 1.799156 | .4773220 | 31.93583 | 269.6189 | 2.025929   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0682484 | .5208842 | 1.013824 | -.672055 | .0000757 | -.243424 |
| #2 | .0614127 | .5336856 | 1.008806 | -.804135 | -.001935 | -.238844 |
| #3 | .0845777 | .5395853 | 1.004195 | -.409720 | .007201  | -.233757 |

Sample Name: ICSAB005      Acquired: 12/30/2024 19:50:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB005      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0025634 | .0324169 | .0005468 | F .0112974 | -.007134 | .0036982 |
| Stddev | .0003400 | .0051773 | .0016273 | .0012809   | .000854  | .0006773 |
| %RSD   | 13.26177 | 15.97086 | 297.6038 | 11.33775   | 11.96583 | 18.31451 |
| #1     | .0029113 | .0275147 | .0018078 | .0106119   | -.006225 | .0038987 |
| #2     | .0025470 | .0319049 | .0011228 | .0127751   | -.007257 | .0042526 |
| #3     | .0022320 | .0378311 | -.001290 | .0105052   | -.007919 | .0029433 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0008555 |
| Stddev | .0034199 |
| %RSD   | 399.7545 |
| #1     | -.003093 |
| #2     | .002809  |
| #3     | .002850  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1577.431 | 19662.38 | 2278.562 | 1311.421 | 1746.493 |
| Stddev    | 1.087    | 25.04    | 14.844   | 5.340    | 3.671    |
| %RSD      | .0688916 | .1273550 | .6514606 | .4071694 | .2101737 |
| #1        | 1577.503 | 19633.49 | 2272.191 | 1305.447 | 1749.292 |
| #2        | 1578.480 | 19675.91 | 2267.967 | 1315.730 | 1747.850 |
| #3        | 1576.310 | 19677.75 | 2295.528 | 1313.085 | 1742.337 |

Sample Name: CCV049      Acquired: 12/30/2024 19:54:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV049      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.954220 | 4.820814 | 24.67484 | 4.928340 | 4.904377 | 403.6664 |
| Stddev | .007127  | .007446  | .03523   | .013375  | .003710  | .9030    |
| %RSD   | .1438658 | .1544526 | .1427659 | .2713935 | .0756367 | .2236967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.945997 | 4.816615 | 24.64162 | 4.915678 | 4.901798 | 404.7090 |
| #2 | 4.958622 | 4.829411 | 24.67113 | 4.942329 | 4.902706 | 403.1340 |
| #3 | 4.958041 | 4.816416 | 24.71178 | 4.927014 | 4.908629 | 403.1561 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.08487 | .5058581 | 2.489382 | 410.2640 | 15.50336 | 2.486900 |
| Stddev | .01531   | .0032236 | .003768  | 1.2386   | .01266   | .004228  |
| %RSD   | .1518013 | .6372583 | .1513674 | .3019055 | .0816549 | .1700255 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.10234 | .5086082 | 2.485410 | 411.6817 | 15.48968 | 2.483209 |
| #2 | 10.07379 | .5066555 | 2.489831 | 409.7188 | 15.51465 | 2.485977 |
| #3 | 10.07847 | .5023106 | 2.492906 | 409.3915 | 15.50576 | 2.491513 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.10156 | 409.0644 | 15.03071 | 403.3444 | 2.512215 | 1.264303 |
| Stddev | .05823   | 1.4306   | .04156   | 1.3341   | .003856  | .000396  |
| %RSD   | .3856014 | .3497168 | .2765299 | .3307560 | .1535020 | .0312870 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.16880 | 410.7104 | 15.07272 | 404.3779 | 2.510054 | 1.264560 |
| #2 | 15.06804 | 408.3616 | 15.02979 | 403.8170 | 2.509923 | 1.264502 |
| #3 | 15.06784 | 408.1212 | 14.98961 | 401.8384 | 2.516667 | 1.263848 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 408.0286 | 2.487329 | 14.90307 | 152.7635 | 4.894061 | F 4.350231 |
| Stddev | .7441    | .021434  | .10303   | .5062    | .004398  | .025270    |
| %RSD   | .1823611 | .8617170 | .6913187 | .3313353 | .0898542 | .5808821   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 408.6593 | 2.511326 | 14.84620 | 153.3260 | 4.892494 | 4.378696 |
| #2 | 407.2079 | 2.480575 | 14.84100 | 152.6196 | 4.890661 | 4.341554 |
| #3 | 408.2185 | 2.470086 | 15.02200 | 152.3448 | 4.899027 | 4.330443 |

Sample Name: CCV049      Acquired: 12/30/2024 19:54:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV049      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.808307 | 4.977871 | 4.974573 | 5.033391 | 5.032397 | 4.821186 |
| Stddev | .010329  | .002191  | .032792  | .003314  | .003508  | .011616  |
| %RSD   | .2148122 | .0440048 | .6592003 | .0658485 | .0697171 | .2409266 |
| #1     | 4.811806 | 4.979539 | 5.007911 | 5.029929 | 5.034703 | 4.833882 |
| #2     | 4.796683 | 4.978684 | 4.973453 | 5.036535 | 5.028359 | 4.818582 |
| #3     | 4.816432 | 4.975390 | 4.942354 | 5.033709 | 5.034128 | 4.811094 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.079033 |
| Stddev | .007151  |
| %RSD   | .1407868 |
| #1     | 5.080603 |
| #2     | 5.071227 |
| #3     | 5.085268 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1433.484 | 18782.51 | 2183.176 | 1178.744 | 1607.459 |
| Stddev    | 3.230    | 15.63    | 13.211   | 8.838    | 2.571    |
| %RSD      | .2253068 | .0832173 | .6051132 | .7497961 | .1599591 |
| #1        | 1429.774 | 18799.28 | 2169.567 | 1183.743 | 1604.982 |
| #2        | 1435.017 | 18779.90 | 2184.012 | 1183.950 | 1607.281 |
| #3        | 1435.662 | 18768.35 | 2195.949 | 1168.539 | 1610.116 |

Sample Name: CCB049      Acquired: 12/30/2024 19:58:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB049      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000949 | -.003074 | .0029558 | .0010957 | -.000451 | .0226319 | .0009061 |
| Stddev | .005150  | .001956  | .0013712 | .0069894 | .003450  | .0108423 | .0008298 |
| %RSD   | 542.9495 | 63.64263 | 46.38867 | 637.8645 | 765.5776 | 47.90740 | 91.57721 |
| #1     | -.003628 | -.003773 | .0014111 | -.006901 | .003000  | .0296089 | .0018244 |
| #2     | .004989  | -.000864 | .0040290 | .004148  | -.000451 | .0101407 | .0002100 |
| #3     | -.004206 | -.004585 | .0034273 | .006040  | -.003900 | .0281460 | .0006840 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001324 | .0001528 | .0424126 | .0006210 | -.000032 | .0018386 | .0400512 |
| Stddev | .0000846 | .0001138 | .0206334 | .0004698 | .000216  | .0055688 | .0126412 |
| %RSD   | 63.92587 | 74.50172 | 48.64930 | 75.64381 | 679.4934 | 302.8769 | 31.56255 |
| #1     | .0001725 | .0000235 | .0655014 | .0000787 | -.000154 | -.003238 | .0263144 |
| #2     | .0001895 | .0002381 | .0359590 | .0008831 | .000218  | .000959  | .0426450 |
| #3     | .0000352 | .0001968 | .0257773 | .0009013 | -.000160 | .007795  | .0511944 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0004557 | .0982321 | -.000608 | .0011610 | .0644596 | .0010683 | .0026544 |
| Stddev | .0013445 | .0577988 | .000352  | .0010077 | .0186929 | .0105502 | .0011254 |
| %RSD   | 295.0460 | 58.83898 | 57.95804 | 86.79613 | 28.99945 | 987.5905 | 42.39569 |
| #1     | .0002183 | .1615614 | -.000987 | .0000443 | .0763259 | .0035315 | .0039440 |
| #2     | .0019031 | .0848089 | -.000546 | .0014362 | .0741412 | -.010496 | .0021476 |
| #3     | -.000754 | .0483261 | -.000290 | .0020026 | .0429118 | .010169  | .0018716 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0807830 | -.002732 | .0110931 | .0006819 | -.000283 | .0009773 | .0000654 |
| Stddev | .1041563 | .002413  | .0038659 | .0008693 | .002653  | .0009751 | .0027229 |
| %RSD   | 128.9334 | 88.34133 | 34.84942 | 127.4760 | 938.4186 | 99.77931 | 4164.445 |
| #1     | .0028219 | -.000841 | .0066842 | .0016815 | .002056  | .0020288 | .0013661 |
| #2     | .0404535 | -.005450 | .0126923 | .0002610 | .000261  | .0001028 | .0018940 |
| #3     | .1990736 | -.001904 | .0139028 | .0001032 | -.003166 | .0008003 | -.003064 |



Sample Name: CCB049      Acquired: 12/30/2024 19:58:22      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB049      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002024 | .0001103 | .0129394 |
| Stddev | .002339  | .0001582 | .0023618 |
| %RSD   | 115.5596 | 143.4285 | 18.25233 |
| #1     | -.000220 | .0001140 | .0156661 |
| #2     | -.004667 | .0002665 | .0115308 |
| #3     | -.001186 | -.000050 | .0116215 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1682.786 | 21083.90 | 2236.699 | 1399.218 | 1981.144 |
| Stddev    | 16.505   | 315.78   | 29.053   | 22.991   | 19.347   |
| %RSD      | .9808192 | 1.497727 | 1.298921 | 1.643165 | .9765643 |
| #1        | 1692.481 | 20723.13 | 2211.502 | 1372.684 | 1991.795 |
| #2        | 1692.148 | 21310.08 | 2268.478 | 1413.235 | 1992.826 |
| #3        | 1663.728 | 21218.51 | 2230.118 | 1411.735 | 1958.812 |

Sample Name: P5027-07DLX2      Acquired: 12/30/2024 20:02:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0434769 | .0152753 | .1535327 | -.010542 | -.001019 | 29.50271 | .4568861 |
| Stddev | .0048016 | .0029561 | .0011148 | .005923  | .003943  | .31674   | .0036984 |
| %RSD   | 11.04408 | 19.35199 | .7260735 | 56.18337 | 386.9164 | 1.073607 | .8094768 |
| #1     | .0379325 | .0130014 | .1523278 | -.010729 | .003094  | 29.15822 | .4527649 |
| #2     | .0462272 | .0186169 | .1545273 | -.004528 | -.001386 | 29.56854 | .4579774 |
| #3     | .0462710 | .0142076 | .1537431 | -.016369 | -.004765 | 29.78136 | .4599161 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026668 | .0024728 | 521.4104 | .0505103 | .0832344 | .1460967 | 87.91561 |
| Stddev | .0000291 | .0000549 | 4.6044   | .0017262 | .0004957 | .0130964 | .91273   |
| %RSD   | 1.090688 | 2.219615 | .8830671 | 3.417497 | .5954972 | 8.964195 | 1.038185 |
| #1     | .0026796 | .0024948 | 516.1791 | .0486272 | .0829271 | .1423857 | 86.94671 |
| #2     | .0026873 | .0024104 | 523.2038 | .0520178 | .0838062 | .1606481 | 88.04091 |
| #3     | .0026335 | .0025133 | 524.8482 | .0508858 | .0829698 | .1352562 | 88.75921 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.524421 | 200.4422 | .0989303 | -.003429 | .9743230 | .0839301 | .2318832 |
| Stddev | .097009  | 1.9120   | .0008919 | .000394  | .0052467 | .0091151 | .0049619 |
| %RSD   | 1.018526 | .9539038 | .9015509 | 11.49256 | .5384931 | 10.86034 | 2.139806 |
| #1     | 9.413764 | 198.3301 | .0999109 | -.002977 | .9701377 | .0747330 | .2298778 |
| #2     | 9.564687 | 200.9413 | .0981674 | -.003613 | .9726224 | .0840964 | .2375338 |
| #3     | 9.594812 | 202.0551 | .0987127 | -.003698 | .9802091 | .0929610 | .2282378 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.548820 | 3.422686 | -.159906 | .0023690 | .8012198 | 5.040831 | .0129702 |
| Stddev | .085756  | .015837  | .001230  | .0005166 | .0048860 | .048420  | .0014488 |
| %RSD   | 1.545490 | .4627029 | .7689385 | 21.80501 | .6098213 | .9605602 | 11.17050 |
| #1     | 5.458350 | 3.407501 | -.160379 | .0018836 | .7968836 | 5.014882 | .0125860 |
| #2     | 5.559190 | 3.421455 | -.158510 | .0023115 | .8002620 | 5.010916 | .0145725 |
| #3     | 5.628920 | 3.439102 | -.160828 | .0029119 | .8065137 | 5.096695 | .0117522 |

Sample Name: P5027-07DLX2      Acquired: 12/30/2024 20:02:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK19      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5939829 | .2956660 | .0803411 |
| Stddev | .0070245 | .0017308 | .0042452 |
| %RSD   | 1.182609 | .5854063 | 5.283919 |
| #1     | .5865940 | .2938127 | .0850147 |
| #2     | .5947796 | .2972405 | .0792846 |
| #3     | .6005750 | .2959447 | .0767239 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1728.204 | 21664.23 | 2489.576 | 1417.586 | 1697.679 |
| Stddev    | 4.479    | 392.98   | 16.633   | 24.680   | 3.417    |
| %RSD      | .2591981 | 1.813954 | .6680963 | 1.740962 | .2012988 |
| #1        | 1728.233 | 21884.92 | 2505.587 | 1430.153 | 1700.772 |
| #2        | 1723.710 | 21210.51 | 2490.756 | 1389.152 | 1694.010 |
| #3        | 1732.669 | 21897.26 | 2472.385 | 1433.453 | 1698.256 |

Sample Name: P5027-13DLX2      Acquired: 12/30/2024 20:06:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK23      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0580937 | .0103484 | .3262740 | .0004320 | .0024288 | 35.08406 | .6049268 |
| Stddev | .0075167 | .0069200 | .0012861 | .0050586 | .0029262 | .45199   | .0071075 |
| %RSD   | 12.93890 | 66.87013 | .3941804 | 1170.952 | 120.4785 | 1.288309 | 1.174929 |
| #1     | .0499609 | .0081716 | .3276401 | -.001468 | .0008137 | 34.62289 | .5968587 |
| #2     | .0647858 | .0047785 | .3250865 | .006165  | .0006661 | 35.10301 | .6076588 |
| #3     | .0595343 | .0180950 | .3260956 | -.003402 | .0058066 | 35.52627 | .6102629 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038395 | .0033934 | 611.7892 | .0581775 | .0864383 | .2000040 | 90.97233 |
| Stddev | .0001401 | .0001222 | 5.1209   | .0005526 | .0004154 | .0069012 | .86534   |
| %RSD   | 3.650095 | 3.600275 | .8370397 | .9498399 | .4805242 | 3.450527 | .9512107 |
| #1     | .0039182 | .0033591 | 606.3923 | .0585159 | .0869176 | .2079120 | 90.04368 |
| #2     | .0036777 | .0035290 | 612.3951 | .0584768 | .0861829 | .1951990 | 91.11724 |
| #3     | .0039227 | .0032920 | 616.5802 | .0575398 | .0862145 | .1969009 | 91.75606 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.010547 | 53.02422 | .0939538 | -.003085 | .5768913 | .0843874 | .4749167 |
| Stddev | .058443  | .75308   | .0005495 | .000601  | .0148632 | .0056459 | .0011618 |
| %RSD   | .9723470 | 1.420248 | .5848752 | 19.47017 | 2.576421 | 6.690417 | .2446370 |
| #1     | 5.951096 | 52.21052 | .0945861 | -.002747 | .5651840 | .0891141 | .4740317 |
| #2     | 6.012616 | 53.16547 | .0935926 | -.003778 | .5936132 | .0859123 | .4762324 |
| #3     | 6.067928 | 53.69666 | .0936825 | -.002729 | .5718768 | .0781357 | .4744861 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.485326 | 4.069600 | -.160573 | .0030091 | 1.050995 | 5.453320 | .0341282 |
| Stddev | .204710  | .013572  | .002359  | .0001781 | .006494  | .033933  | .0013950 |
| %RSD   | 2.734821 | .3334896 | 1.468907 | 5.917778 | .6178887 | .6222391 | 4.087527 |
| #1     | 7.253695 | 4.077374 | -.159185 | .0030318 | 1.057830 | 5.420552 | .0356846 |
| #2     | 7.641965 | 4.053929 | -.163296 | .0028208 | 1.044906 | 5.451102 | .0337094 |
| #3     | 7.560318 | 4.077498 | -.159237 | .0031748 | 1.050247 | 5.488308 | .0329905 |

Sample Name: P5027-13DLX2      Acquired: 12/30/2024 20:06:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK23      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3202627 | .4610435 | .0675465 |
| Stddev | .0078198 | .0040460 | .0038397 |
| %RSD   | 2.441697 | .8775810 | 5.684528 |
| #1     | .3123699 | .4567498 | .0662864 |
| #2     | .3204108 | .4615956 | .0644952 |
| #3     | .3280075 | .4647852 | .0718579 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1795.661 | 22722.39 | 2559.554 | 1486.537 | 1727.095 |
| Stddev    | 3.799    | 82.70    | 10.815   | 2.342    | 4.158    |
| %RSD      | .2115717 | .3639530 | .4225368 | .1575140 | .2407441 |
| #1        | 1792.971 | 22655.16 | 2570.484 | 1486.775 | 1724.240 |
| #2        | 1800.007 | 22697.27 | 2559.321 | 1484.085 | 1731.865 |
| #3        | 1794.004 | 22814.73 | 2548.858 | 1488.750 | 1725.180 |

Sample Name: P5027-14DLX2      Acquired: 12/30/2024 20:10:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK24      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0536274 | .0148332 | .2585458 | -.004387 | -.003227 | 29.99283 | .3959171 |
| Stddev | .0023569 | .0047180 | .0024000 | .000456  | .005561  | .11192   | .0026728 |
| %RSD   | 4.394880 | 31.80682 | .9282750 | 10.39385 | 172.3572 | .3731402 | .6750995 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0559850 | .0095077 | .2566094 | -.004895 | -.009373 | 29.88220 | .3937628 |
| #2 | .0536259 | .0184903 | .2577971 | -.004014 | -.001763 | 29.99032 | .3950803 |
| #3 | .0512712 | .0165016 | .2612309 | -.004252 | .001456  | 30.10599 | .3989082 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028649 | .0036196 | 623.0600 | .0485587 | .0883845 | .1831172 | 85.88856 |
| Stddev | .0000623 | .0000840 | 3.1653   | .0008382 | .0001652 | .0100484 | .53369   |
| %RSD   | 2.175552 | 2.321185 | .5080301 | 1.726099 | .1869100 | 5.487426 | .6213797 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0028248 | .0035238 | 619.4597 | .0494535 | .0885734 | .1946696 | 85.36017 |
| #2 | .0029367 | .0036809 | 624.3147 | .0477918 | .0883133 | .1782780 | 85.87810 |
| #3 | .0028331 | .0036540 | 625.4057 | .0484309 | .0882668 | .1764040 | 86.42741 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.477869 | 69.85676 | .0918938 | -.002459 | .8027131 | .0815111 | .6663326 |
| Stddev | .031825  | .14128   | .0006842 | .000544  | .0158954 | .0061581 | .0034675 |
| %RSD   | .4255852 | .2022404 | .7445482 | 22.14581 | 1.980208 | 7.554919 | .5203904 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 7.450154 | 69.74537 | .0926451 | -.003002 | .7880935 | .0760294 | .6688004 |
| #2 | 7.470827 | 69.80922 | .0917299 | -.001913 | .8196335 | .0803296 | .6678293 |
| #3 | 7.512624 | 70.01567 | .0913064 | -.002460 | .8004121 | .0881743 | .6623681 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.190310 | 7.601224 | -.156952 | .0045916 | .9077847 | 5.228611 | .0282725 |
| Stddev | .049401  | .018547  | .002428  | .0006528 | .0100594 | .013119  | .0012023 |
| %RSD   | .9517936 | .2440014 | 1.547161 | 14.21664 | 1.108131 | .2508984 | 4.252690 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.198329 | 7.597071 | -.159332 | .0053030 | .8970923 | 5.235675 | .0282632 |
| #2 | 5.137391 | 7.585105 | -.157045 | .0040202 | .9092005 | 5.236683 | .0270748 |
| #3 | 5.235212 | 7.621495 | -.154478 | .0044516 | .9170612 | 5.213474 | .0294795 |

Sample Name: P5027-14DLX2      Acquired: 12/30/2024 20:10:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK24      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5137295 | .5452238 | .0636905 |
| Stddev | .0047193 | .0042832 | .0023767 |
| %RSD   | .9186420 | .7855931 | 3.731565 |
| #1     | .5106212 | .5402833 | .0652205 |
| #2     | .5114074 | .5478920 | .0648985 |
| #3     | .5191600 | .5474963 | .0609525 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1805.903 | 22559.84 | 2587.391 | 1486.042 | 1716.802 |
| Stddev    | 2.963    | 28.31    | 8.721    | 4.404    | 1.289    |
| %RSD      | .1640700 | .1254694 | .3370761 | .2963247 | .0751095 |
| #1        | 1809.175 | 22577.33 | 2580.987 | 1482.940 | 1718.290 |
| #2        | 1803.403 | 22527.18 | 2583.862 | 1484.104 | 1716.024 |
| #3        | 1805.129 | 22575.01 | 2597.324 | 1491.082 | 1716.091 |

Sample Name: P5027-15DLX2      Acquired: 12/30/2024 20:14:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK25      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0397766 | .0214879 | .0636681 | -.028189 | -.006000 | 20.26041 | .3428308 |
| Stddev | .0032157 | .0034830 | .0009764 | .007246  | .004547  | .21154   | .0045712 |
| %RSD   | 8.084387 | 16.20930 | 1.533518 | 25.70389 | 75.78489 | 1.044117 | 1.333363 |
| #1     | .0374935 | .0253014 | .0643190 | -.034807 | -.000803 | 20.01685 | .3375799 |
| #2     | .0434542 | .0184745 | .0641397 | -.020447 | -.007951 | 20.39831 | .3449910 |
| #3     | .0383822 | .0206880 | .0625454 | -.029314 | -.009245 | 20.36608 | .3459215 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019996 | .0023251 | 488.6351 | .0426390 | .0764463 | .0999365 | 55.65061 |
| Stddev | .0001177 | .0000686 | 5.2570   | .0009071 | .0006889 | .0041684 | .50736   |
| %RSD   | 5.887339 | 2.948742 | 1.075858 | 2.127479 | .9011329 | 4.171097 | .9116953 |
| #1     | .0019872 | .0022598 | 483.0047 | .0416904 | .0758919 | .1034186 | 55.15670 |
| #2     | .0018885 | .0023965 | 493.4150 | .0427288 | .0772175 | .1010733 | 56.17044 |
| #3     | .0021230 | .0023189 | 489.4857 | .0434980 | .0762295 | .0953175 | 55.62467 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.087665 | 21.79728 | .0624460 | -.002048 | .4227535 | .0352964 | .1798317 |
| Stddev | .047357  | .24424   | .0004281 | .000772  | .0282039 | .0083330 | .0007123 |
| %RSD   | .9308200 | 1.120508 | .6854650 | 37.70840 | 6.671489 | 23.60871 | .3960772 |
| #1     | 5.034833 | 21.51658 | .0627520 | -.002937 | .3960661 | .0332751 | .1792574 |
| #2     | 5.126300 | 21.96131 | .0626291 | -.001540 | .4199324 | .0281600 | .1806287 |
| #3     | 5.101862 | 21.91394 | .0619568 | -.001667 | .4522620 | .0444541 | .1796088 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.121523 | 4.171243 | -.099240 | .0063253 | .5335168 | 5.210184 | .0111181 |
| Stddev | .082212  | .001566  | .002993  | .0003920 | .0102113 | .017358  | .0013447 |
| %RSD   | 1.605224 | .0375308 | 3.016094 | 6.197428 | 1.913960 | .3331575 | 12.09420 |
| #1     | 5.027332 | 4.169517 | -.099389 | .0064739 | .5289737 | 5.227764 | .0119587 |
| #2     | 5.158381 | 4.171640 | -.102155 | .0066212 | .5452113 | 5.209731 | .0095673 |
| #3     | 5.178856 | 4.172572 | -.096174 | .0058807 | .5263655 | 5.193057 | .0118284 |



Sample Name: P5027-15DLX2      Acquired: 12/30/2024 20:14:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK25      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3487715 | .3187374 | .0430200 |
| Stddev | .0069614 | .0043855 | .0103670 |
| %RSD   | 1.995965 | 1.375906 | 24.09804 |
| #1     | .3412551 | .3142136 | .0315729 |
| #2     | .3500624 | .3229701 | .0517763 |
| #3     | .3549971 | .3190286 | .0457106 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1726.894 | 21797.32 | 2438.080 | 1434.772 | 1783.644 |
| Stddev    | 4.017    | 61.86    | 7.247    | 6.717    | 3.558    |
| %RSD      | .2326077 | .2838074 | .2972258 | .4681483 | .1994687 |
| #1        | 1722.960 | 21748.48 | 2440.621 | 1437.250 | 1779.543 |
| #2        | 1730.989 | 21776.60 | 2429.905 | 1427.169 | 1785.906 |
| #3        | 1726.733 | 21866.88 | 2443.714 | 1439.898 | 1785.482 |

Sample Name: P5027-17DLX2      Acquired: 12/30/2024 20:17:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0079321 | .0337417 | .0386367 | -.059444 | -.018527 | 3.740971 |
| Stddev | .0114662 | .0014946 | .0042286 | .009310  | .002611  | .066382  |
| %RSD   | 144.5538 | 4.429439 | 10.94447 | 15.66139 | 14.09221 | 1.774458 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.004804 | .0328219 | .0379551 | -.048759 | -.021542 | 3.668964 |
| #2 | .011168  | .0354662 | .0347903 | -.063767 | -.017077 | 3.799729 |
| #3 | .017433  | .0329371 | .0431646 | -.065807 | -.016964 | 3.754220 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0277708 | .0010782 | .0007658 | F 1291.503 | .0262064 | .0522824 |
| Stddev | .0009119 | .0001410 | .0001223 | 18.833     | .0004479 | .0009197 |
| %RSD   | 3.283762 | 13.07839 | 15.97090 | 1.458204   | 1.709138 | 1.759164 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0276415 | .0010044 | .0008354 | 1276.726 | .0256947 | .0512208 |
| #2 | .0287405 | .0012408 | .0006246 | 1312.708 | .0263969 | .0528386 |
| #3 | .0269304 | .0009895 | .0008374 | 1285.074 | .0265275 | .0527879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0090678 | 20.46903 | .6691677 | 58.89462 | .0353388 | -.000910 |
| Stddev | .0058597 | .19135   | .0088488 | .87453   | .0014202 | .000790  |
| %RSD   | 64.62119 | .9348162 | 1.322356 | 1.484913 | 4.018701 | 86.75671 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0050774 | 20.27878 | .6609195 | 58.06866 | .0349869 | -.001762 |
| #2 | .0157952 | 20.66146 | .6785145 | 59.81074 | .0369019 | -.000202 |
| #3 | .0063308 | 20.46687 | .6680691 | 58.80447 | .0341277 | -.000767 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8174411 | .0145783 | .1079640 | 2.374843 | .6524216 | -.020310 |
| Stddev | .0291345 | .0043222 | .0010407 | .191902  | .0080907 | .000868  |
| %RSD   | 3.564107 | 29.64852 | .9638850 | 8.080637 | 1.240107 | 4.274847 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8256493 | .0195646 | .1086629 | 2.242627 | .6610866 | -.020378 |
| #2 | .8415910 | .0122692 | .1084610 | 2.594950 | .6511138 | -.021143 |
| #3 | .7850831 | .0119010 | .1067680 | 2.286952 | .6450645 | -.019410 |

Sample Name: P5027-17DLX2      Acquired: 12/30/2024 20:17:56      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK27      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0035319 | 14.62169 | 3.029351 | .0095312 | -.006435 | .8529834 |
| Stddev | .0005418 | .00605   | .042751  | .0024568 | .003908  | .0125724 |
| %RSD   | 15.33919 | .0414111 | 1.411241 | 25.77666 | 60.72842 | 1.473931 |
| #1     | .0041423 | 14.62175 | 3.013964 | .0122624 | -.006502 | .8435726 |
| #2     | .0031080 | 14.62772 | 3.077666 | .0075011 | -.002495 | .8672618 |
| #3     | .0033454 | 14.61561 | 2.996424 | .0088301 | -.010310 | .8481157 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0280142 |
| Stddev | .0041455 |
| %RSD   | 14.79784 |
| #1     | .0233026 |
| #2     | .0296381 |
| #3     | .0311020 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1632.581 | 20640.60 | 2344.226 | 1346.883 | 1680.756 |
| Stddev    | 2.730    | 47.84    | 36.256   | 11.887   | 3.247    |
| %RSD      | .1671928 | .2317875 | 1.546627 | .8825209 | .1931767 |
| #1        | 1630.399 | 20592.64 | 2354.377 | 1338.215 | 1677.752 |
| #2        | 1631.702 | 20640.84 | 2303.976 | 1342.001 | 1680.314 |
| #3        | 1635.642 | 20688.32 | 2374.325 | 1360.433 | 1684.200 |

Sample Name: P5030-10DLX2      Acquired: 12/30/2024 20:21:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK48      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0099155 | .0282640 | .1234359 | -.039048 | -.013768 | 13.80895 | .0394042 |
| Stddev | .0077967 | .0040048 | .0023295 | .008539  | .002835  | .08496   | .0009147 |
| %RSD   | 78.63110 | 14.16932 | 1.887180 | 21.86694 | 20.58887 | .6152685 | 2.321239 |
| #1     | .0184939 | .0290579 | .1207508 | -.034615 | -.011918 | 13.72200 | .0385738 |
| #2     | .0032607 | .0318125 | .1246415 | -.033638 | -.012355 | 13.89178 | .0403846 |
| #3     | .0079919 | .0239217 | .1249155 | -.048892 | -.017032 | 13.81307 | .0392542 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020148 | .0012205 | 664.8337 | .0303679 | .0640053 | .0483471 | 44.01879 |
| Stddev | .0000135 | .0000434 | 2.1724   | .0003129 | .0003882 | .0048560 | .20499   |
| %RSD   | .6709663 | 3.552208 | .3267559 | 1.030422 | .6065352 | 10.04413 | .4656945 |
| #1     | .0020190 | .0012613 | 662.4755 | .0306623 | .0644355 | .0534603 | 43.79456 |
| #2     | .0019997 | .0012251 | 666.7533 | .0304021 | .0638991 | .0437974 | 44.19659 |
| #3     | .0020258 | .0011750 | 665.2723 | .0300393 | .0636812 | .0477837 | 44.06521 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.804957 | 353.4758 | .0538243 | -.000828 | .9238745 | .0251931 | .2590000 |
| Stddev | .013877  | 1.1816   | .0009372 | .001622  | .0219556 | .0041600 | .0014751 |
| %RSD   | .4947297 | .3342905 | 1.741151 | 195.8841 | 2.376465 | 16.51264 | .5695509 |
| #1     | 2.792372 | 352.3520 | .0527422 | -.002031 | .9055718 | .0282370 | .2595826 |
| #2     | 2.819839 | 354.7079 | .0543681 | .001017  | .9482181 | .0268893 | .2573225 |
| #3     | 2.802659 | 353.3675 | .0543628 | -.001470 | .9178336 | .0204529 | .2600948 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.878635 | .9125984 | -.008169 | .0010382 | 14.73552 | 3.720595 | .0088576 |
| Stddev | .023876  | .0046350 | .001282  | .0004899 | .02213   | .018239  | .0018952 |
| %RSD   | .3030461 | .5078873 | 15.69439 | 47.19164 | .1501866 | .4902282 | 21.39584 |
| #1     | 7.881162 | .9116064 | -.009125 | .0015860 | 14.74983 | 3.735316 | .0097863 |
| #2     | 7.853596 | .9176491 | -.008669 | .0006420 | 14.74671 | 3.726279 | .0066772 |
| #3     | 7.901147 | .9085398 | -.006712 | .0008865 | 14.71003 | 3.700191 | .0101093 |

Sample Name: P5030-10DLX2      Acquired: 12/30/2024 20:21:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK48      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0285731 | .3295543 | .0411102 |
| Stddev | .0031601 | .0013356 | .0020419 |
| %RSD   | 11.05980 | .4052687 | 4.966913 |
| #1     | .0249340 | .3308906 | .0414462 |
| #2     | .0301595 | .3295530 | .0389212 |
| #3     | .0306257 | .3282194 | .0429633 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1624.802 | 20526.58 | 2355.912 | 1348.661 | 1677.547 |
| Stddev    | 2.356    | 118.46   | 10.060   | 6.754    | 1.405    |
| %RSD      | .1450070 | .5770826 | .4270281 | .5008092 | .0837770 |
| #1        | 1623.557 | 20474.69 | 2349.845 | 1345.722 | 1675.937 |
| #2        | 1627.520 | 20662.13 | 2350.365 | 1356.387 | 1678.173 |
| #3        | 1623.330 | 20442.92 | 2367.525 | 1343.875 | 1678.530 |

Sample Name: P5030-11DLX2      Acquired: 12/30/2024 20:25:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK49      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0132751 | .0237057 | .4183176 | -.047361 | -.015705 | 11.51761 |
| Stddev | .0069128 | .0047474 | .0051107 | .007936  | .001714  | .04682   |
| %RSD   | 52.07335 | 20.02622 | 1.221728 | 16.75684 | 10.91130 | .4064997 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0207022 | .0279905 | .4129686 | -.047522 | -.017487 | 11.46983 |
| #2 | .0070288 | .0245243 | .4231509 | -.039346 | -.015559 | 11.51959 |
| #3 | .0120943 | .0186023 | .4188335 | -.055216 | -.014070 | 11.56341 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0762997 | .0018489 | .0046122 | F 980.1238 | .0396173 | .0651560 |
| Stddev | .0012679 | .0000684 | .0001681 | 5.8294     | .0004047 | .0004667 |
| %RSD   | 1.661688 | 3.702034 | 3.645842 | .5947644   | 1.021472 | .7162679 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0767460 | .0019275 | .0047697 | 973.9092 | .0399855 | .0656627 |
| #2 | .0772841 | .0018019 | .0046316 | 980.9914 | .0396823 | .0650615 |
| #3 | .0748691 | .0018174 | .0044351 | 985.4708 | .0391840 | .0647437 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0372822 | 49.46481 | 3.400884 | 546.0403 | .0516490 | -.001937 |
| Stddev | .0044612 | .34471   | .019516  | 3.7657   | .0003041 | .000922  |
| %RSD   | 11.96612 | .6968756 | .5738424 | .6896381 | .5887212 | 47.59868 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0416542 | 49.12683 | 3.385600 | 541.7315 | .0517257 | -.002913 |
| #2 | .0374556 | 49.45174 | 3.394185 | 547.6886 | .0513140 | -.001080 |
| #3 | .0327368 | 49.81587 | 3.422867 | 548.7008 | .0519074 | -.001819 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.242105 | .0246641 | 1.053924 | 6.025246 | .9894511 | -.030828 |
| Stddev | .008639  | .0099360 | .002231  | .121126  | .0045213 | .004440  |
| %RSD   | .6954976 | 40.28507 | .2116611 | 2.010313 | .4569520 | 14.40228 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.241038 | .0295428 | 1.051366 | 5.885702 | .9851893 | -.027933 |
| #2 | 1.234050 | .0312176 | 1.054942 | 6.086829 | .9941935 | -.035939 |
| #3 | 1.251228 | .0132319 | 1.055464 | 6.103209 | .9889706 | -.028610 |

Sample Name: P5030-11DLX2      Acquired: 12/30/2024 20:25:51      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK49      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014203 | 23.13428 | 4.065107 | .0118491 | .0440856 | .3987235 |
| Stddev | .0004455 | .05831   | .022290  | .0020197 | .0037497 | .0005899 |
| %RSD   | 31.36310 | .2520637 | .5483309 | 17.04546 | 8.505502 | .1479418 |
| #1     | .0017508 | 23.08523 | 4.086760 | .0128482 | .0473398 | .3980432 |
| #2     | .0009137 | 23.19875 | 4.066330 | .0131745 | .0399850 | .3990929 |
| #3     | .0015964 | 23.11884 | 4.042230 | .0095245 | .0449319 | .3990343 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0386572 |
| Stddev | .0035001 |
| %RSD   | 9.054083 |
| #1     | .0359129 |
| #2     | .0374600 |
| #3     | .0425988 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1569.136 | 20072.83 | 2313.992 | 1309.722 | 1599.604 |
| Stddev    | 3.915    | 89.30    | 3.102    | 4.862    | 6.248    |
| %RSD      | .2495198 | .4448587 | .1340532 | .3712410 | .3906086 |
| #1        | 1573.647 | 20172.40 | 2310.552 | 1315.185 | 1606.676 |
| #2        | 1567.148 | 20046.25 | 2314.849 | 1305.869 | 1594.831 |
| #3        | 1566.615 | 19999.85 | 2316.575 | 1308.112 | 1597.305 |

Sample Name: P5030-12DLX2      Acquired: 12/30/2024 20:29:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK50      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0139581 | .0184250 | 1.320186 | -.030378 | -.015268 | 7.831066 |
| Stddev | .0068813 | .0028345 | .006263  | .009291  | .003939  | .056578  |
| %RSD   | 49.29929 | 15.38391 | .4744334 | 30.58491 | 25.79714 | .7224861 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0110913 | .0189728 | 1.327416 | -.035122 | -.011023 | 7.775362 |
| #2 | .0089738 | .0209456 | 1.316731 | -.036339 | -.015977 | 7.829357 |
| #3 | .0218093 | .0153566 | 1.316411 | -.019672 | -.018804 | 7.888480 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0827917 | .0018233 | .0149798 | F 1186.411 | .0270655 | .0647188 |
| Stddev | .0017558 | .0001719 | .0000864 | 2.317      | .0007065 | .0006972 |
| %RSD   | 2.120712 | 9.427094 | .5768160 | .1952601   | 2.610241 | 1.077263 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0809817 | .0019124 | .0148811 | 1184.916 | .0265242 | .0645299 |
| #2 | .0829058 | .0019324 | .0150421 | 1185.238 | .0268076 | .0654910 |
| #3 | .0844877 | .0016251 | .0150160 | 1189.080 | .0278647 | .0641356 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0287839 | 64.44469 | 4.157253 | 658.3639 | .0480961 | .0001920 |
| Stddev | .0020681 | .27404   | .015962  | 2.1741   | .0006457 | .0007423 |
| %RSD   | 7.185083 | .4252286 | .3839627 | .3302249 | 1.342453 | 386.6879 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0263958 | 64.19094 | 4.146466 | 657.2610 | .0481405 | -.000590 |
| #2 | .0299776 | 64.40783 | 4.149704 | 656.9624 | .0487185 | .000887  |
| #3 | .0299783 | 64.73529 | 4.175590 | 660.8684 | .0474294 | .000278  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.379398 | .0242053 | 2.846177 | 4.635684 | .5260061 | -.074999 |
| Stddev | .037123  | .0085664 | .012328  | .083860  | .0010464 | .000998  |
| %RSD   | 2.691229 | 35.39077 | .4331429 | 1.809003 | .1989386 | 1.330101 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.347015 | .0249107 | 2.853031 | 4.541336 | .5248038 | -.073928 |
| #2 | 1.419912 | .0323972 | 2.853555 | 4.663984 | .5267114 | -.075169 |
| #3 | 1.371267 | .0153079 | 2.831945 | 4.701733 | .5265032 | -.075901 |



Sample Name: P5030-12DLX2      Acquired: 12/30/2024 20:29:43      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK50      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027165 | 46.25797 | 3.479757 | .0146657 | .0028766 | .3902675 |
| Stddev | .0006830 | .13947   | .007084  | .0009196 | .0023667 | .0009279 |
| %RSD   | 25.14276 | .3015130 | .2035771 | 6.270662 | 82.27489 | .2377526 |
| #1     | .0024866 | 46.36837 | 3.487106 | .0144319 | .0007099 | .3906663 |
| #2     | .0034847 | 46.10122 | 3.479195 | .0156796 | .0054023 | .3892069 |
| #3     | .0021780 | 46.30432 | 3.472971 | .0138855 | .0025175 | .3909293 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0323806 |
| Stddev | .0051898 |
| %RSD   | 16.02741 |
| #1     | .0280897 |
| #2     | .0309032 |
| #3     | .0381488 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1579.197 | 19939.72 | 2317.757 | 1300.962 | 1608.703 |
| Stddev    | 1.953    | 48.34    | .200     | 6.159    | 5.213    |
| %RSD      | .1236641 | .2424114 | .0086139 | .4734091 | .3240273 |
| #1        | 1577.107 | 19991.61 | 2317.865 | 1303.415 | 1603.872 |
| #2        | 1580.976 | 19931.58 | 2317.527 | 1293.955 | 1614.228 |
| #3        | 1579.507 | 19895.97 | 2317.880 | 1305.517 | 1608.011 |

Sample Name: P5032-05DLX2      Acquired: 12/30/2024 20:33:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK59      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0770724 | .0033416 | .7826234 | .0140419 | .0047378 | 25.27143 | .4440852 |
| Stddev | .0017154 | .0032902 | .0044737 | .0037181 | .0044356 | .06604   | .0019360 |
| %RSD   | 2.225745 | 98.46227 | .5716230 | 26.47864 | 93.62064 | .2613083 | .4359589 |
| #1     | .0752149 | -.000382 | .7780979 | .0172540 | .0002977 | 25.26987 | .4447446 |
| #2     | .0774055 | .004551  | .7870433 | .0099689 | .0047468 | 25.33823 | .4419056 |
| #3     | .0785969 | .005856  | .7827290 | .0149027 | .0091688 | 25.20619 | .4456055 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032986 | .0033047 | 500.3123 | .0442720 | .0852953 | .1430900 | 120.8493 |
| Stddev | .0001285 | .0001650 | 1.0184   | .0004290 | .0001596 | .0026940 | .2605    |
| %RSD   | 3.896336 | 4.993477 | .2035547 | .9690156 | .1871070 | 1.882756 | .2155533 |
| #1     | .0031502 | .0034917 | 501.4792 | .0446253 | .0853740 | .1417935 | 120.6355 |
| #2     | .0033700 | .0031798 | 499.8549 | .0443962 | .0854002 | .1461872 | 120.7730 |
| #3     | .0033757 | .0032425 | 499.6027 | .0437946 | .0851116 | .1412894 | 121.1394 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.84621 | 114.6830 | .0879194 | -.002805 | .5255535 | .1084705 | .7475267 |
| Stddev | .01516   | .2248    | .0004793 | .000183  | .0102150 | .0016305 | .0045001 |
| %RSD   | .1279482 | .1959923 | .5451420 | 6.530899 | 1.943668 | 1.503214 | .6019943 |
| #1     | 11.83278 | 114.4791 | .0876714 | -.003016 | .5307921 | .1079658 | .7490828 |
| #2     | 11.84320 | 114.6460 | .0876149 | -.002687 | .5137820 | .1071520 | .7424551 |
| #3     | 11.86265 | 114.9240 | .0884719 | -.002713 | .5320866 | .1102938 | .7510421 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.986135 | 6.336467 | -.257005 | .0093522 | .9374934 | 6.271100 | .0444684 |
| Stddev | .033090  | .009986  | .002850  | .0006558 | .0069375 | .057718  | .0010467 |
| %RSD   | .8301333 | .1575959 | 1.108820 | 7.012561 | .7400091 | .9203868 | 2.353931 |
| #1     | 3.949194 | 6.335281 | -.258024 | .0096959 | .9295431 | 6.256880 | .0437553 |
| #2     | 3.996147 | 6.327126 | -.253786 | .0097646 | .9423193 | 6.221820 | .0439798 |
| #3     | 4.013062 | 6.346992 | -.259205 | .0085959 | .9406178 | 6.334599 | .0456701 |

Sample Name: P5032-05DLX2      Acquired: 12/30/2024 20:33:34      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK59      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2472109 | .2789600 | .0341459 |
| Stddev | .0018939 | .0024150 | .0024274 |
| %RSD   | .7661223 | .8657037 | 7.108789 |
| #1     | .2492080 | .2811007 | .0367440 |
| #2     | .2469841 | .2794373 | .0337576 |
| #3     | .2454406 | .2763421 | .0319361 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1773.122 | 22228.83 | 2527.614 | 1468.094 | 1763.451 |
| Stddev    | 3.298    | 105.07   | 16.976   | 5.184    | 4.678    |
| %RSD      | .1860158 | .4726662 | .6716319 | .3530789 | .2652730 |
| #1        | 1776.053 | 22114.44 | 2530.512 | 1465.385 | 1768.750 |
| #2        | 1773.763 | 22251.05 | 2542.955 | 1474.071 | 1761.712 |
| #3        | 1769.551 | 22321.02 | 2509.376 | 1464.827 | 1759.892 |

Sample Name: P5032-06DLX2      Acquired: 12/30/2024 20:37:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0454914 | .0092931 | .1679383 | .0210328 | .0084297 | 17.85559 | .3801514 |
| Stddev | .0041856 | .0049218 | .0011188 | .0066006 | .0019761 | .06434   | .0002456 |
| %RSD   | 9.200885 | 52.96243 | .6661972 | 31.38256 | 23.44260 | .3603509 | .0645943 |
| #1     | .0406607 | .0038805 | .1691334 | .0209610 | .0079906 | 17.91975 | .3803039 |
| #2     | .0480396 | .0104984 | .1669158 | .0144684 | .0105884 | 17.79107 | .3798681 |
| #3     | .0477739 | .0135003 | .1677659 | .0276691 | .0067100 | 17.85597 | .3802821 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0027346 | .0027336 | 738.7848 | .0344801 | .0877611 | .0899887 | 137.1512 |
| Stddev | .0000870 | .0000986 | 1.1225   | .0006409 | .0005969 | .0072776 | .2225    |
| %RSD   | 3.181220 | 3.606688 | .1519347 | 1.858798 | .6801738 | 8.087266 | .1622510 |
| #1     | .0028316 | .0028467 | 740.0044 | .0349499 | .0881241 | .0982950 | 137.1802 |
| #2     | .0027084 | .0026654 | 737.7950 | .0337500 | .0880870 | .0869397 | 136.9156 |
| #3     | .0026636 | .0026888 | 738.5552 | .0347403 | .0870722 | .0847316 | 137.3579 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.96692 | 257.4808 | .0799205 | -.002821 | .5501284 | .0675911 | .1689408 |
| Stddev | .00196   | .2861    | .0009620 | .001572  | .0295603 | .0091498 | .0018169 |
| %RSD   | .0093349 | .1111140 | 1.203765 | 55.72495 | 5.373344 | 13.53705 | 1.075436 |
| #1     | 20.96891 | 257.7070 | .0809241 | -.004230 | .5379337 | .0772087 | .1672516 |
| #2     | 20.96687 | 257.1592 | .0790062 | -.003108 | .5286163 | .0665699 | .1687080 |
| #3     | 20.96499 | 257.5763 | .0798312 | -.001125 | .5838351 | .0589947 | .1708629 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.704808 | 5.085254 | -.285505 | .0085040 | 1.013741 | 4.799894 | .0208530 |
| Stddev | .028134  | .009515  | .005393  | .0009204 | .005308  | .051741  | .0015745 |
| %RSD   | .7594003 | .1871033 | 1.889000 | 10.82378 | .5235637 | 1.077953 | 7.550634 |
| #1     | 3.677961 | 5.095814 | -.290367 | .0087271 | 1.010120 | 4.839060 | .0224419 |
| #2     | 3.702390 | 5.082600 | -.286445 | .0074925 | 1.019834 | 4.819382 | .0208237 |
| #3     | 3.734074 | 5.077348 | -.279704 | .0092924 | 1.011269 | 4.741239 | .0192933 |

Sample Name: P5032-06DLX2      Acquired: 12/30/2024 20:37:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK60      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0787777 | .3343793 | .0224111 |
| Stddev | .0031238 | .0012373 | .0039873 |
| %RSD   | 3.965382 | .3700451 | 17.79146 |
| #1     | .0818263 | .3357756 | .0215035 |
| #2     | .0755837 | .3339433 | .0189558 |
| #3     | .0789232 | .3334189 | .0267739 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1736.095 | 22004.85 | 2510.868 | 1446.496 | 1675.222 |
| Stddev    | 4.671    | 200.93   | 22.243   | 10.925   | 3.934    |
| %RSD      | .2690569 | .9131091 | .8858703 | .7552747 | .2348463 |
| #1        | 1730.776 | 22080.76 | 2495.331 | 1457.304 | 1670.683 |
| #2        | 1737.982 | 22156.77 | 2500.925 | 1446.728 | 1677.347 |
| #3        | 1739.528 | 21777.03 | 2536.348 | 1435.457 | 1677.637 |

Sample Name: P5032-07DLX2      Acquired: 12/30/2024 20:41:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK61      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0225109 | .0183794 | .1544769 | -.020227 | -.004532 | 26.61781 | .1549077 |
| Stddev | .0027230 | .0036411 | .0047593 | .003099  | .002609  | .07247   | .0006017 |
| %RSD   | 12.09625 | 19.81096 | 3.080933 | 15.31898 | 57.57210 | .2722725 | .3884293 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0256351 | .0142118 | .1599046 | -.017490 | -.005565 | 26.62658 | .1544726 |
| #2 | .0206416 | .0209441 | .1525091 | -.019599 | -.006467 | 26.54135 | .1546560 |
| #3 | .0212560 | .0199824 | .1510171 | -.023591 | -.001565 | 26.68550 | .1555943 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026252 | .0017444 | 454.9794 | .0394921 | .0725077 | .1531952 | 72.16054 |
| Stddev | .0001152 | .0000236 | 1.5380   | .0005689 | .0016365 | .0055206 | .20303   |
| %RSD   | 4.388236 | 1.355728 | .3380467 | 1.440639 | 2.257009 | 3.603648 | .2813588 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0026406 | .0017635 | 454.6024 | .0391640 | .0740166 | .1476189 | 72.19669 |
| #2 | .0025030 | .0017519 | 453.6648 | .0391632 | .0727383 | .1586584 | 71.94186 |
| #3 | .0027319 | .0017180 | 456.6708 | .0401490 | .0707681 | .1533082 | 72.34307 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.231090 | 77.22059 | .0747605 | -.001191 | .5365697 | .0533780 | .2307199 |
| Stddev | .022636  | .40271   | .0012001 | .000709  | .0266241 | .0097242 | .0015537 |
| %RSD   | .4327213 | .5215110 | 1.605304 | 59.55821 | 4.961903 | 18.21761 | .6733903 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.242429 | 77.32538 | .0760734 | -.001481 | .5654201 | .0501415 | .2315400 |
| #2 | 5.205025 | 76.77584 | .0744883 | -.000383 | .5129476 | .0643078 | .2289280 |
| #3 | 5.245815 | 77.56054 | .0737199 | -.001710 | .5313412 | .0456848 | .2316916 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.474017 | 5.052149 | -.141566 | .0030094 | .6717474 | 5.744468 | .0122768 |
| Stddev | .090821  | .063899  | .000753  | .0003273 | .0114627 | .014676  | .0011029 |
| %RSD   | 2.029974 | 1.264782 | .5318473 | 10.87556 | 1.706400 | .2554737 | 8.983163 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.576283 | 5.123569 | -.140929 | .0028928 | .6846117 | 5.757097 | .0131126 |
| #2 | 4.443002 | 5.032484 | -.142397 | .0033790 | .6680127 | 5.747939 | .0110268 |
| #3 | 4.402766 | 5.000394 | -.141373 | .0027564 | .6626178 | 5.728368 | .0126911 |

Sample Name: P5032-07DLX2      Acquired: 12/30/2024 20:41:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK61      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2432369 | .3379085 | .0332405 |
| Stddev | .0056709 | .0024015 | .0017321 |
| %RSD   | 2.331429 | .7106931 | 5.210922 |
| #1     | .2367189 | .3353149 | .0352274 |
| #2     | .2470400 | .3383558 | .0320483 |
| #3     | .2459518 | .3400550 | .0324459 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1778.983 | 22298.23 | 2503.955 | 1470.102 | 1799.133 |
| Stddev    | 11.860   | 140.83   | 10.782   | 9.242    | 17.477   |
| %RSD      | .6666931 | .6315528 | .4305875 | .6286880 | .9714174 |
| #1        | 1766.395 | 22177.32 | 2491.681 | 1462.385 | 1780.870 |
| #2        | 1780.606 | 22452.85 | 2508.290 | 1480.345 | 1800.831 |
| #3        | 1789.948 | 22264.51 | 2511.895 | 1467.576 | 1815.700 |

Sample Name: P5038-08DLX2      Acquired: 12/30/2024 20:45:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0634160 | .0136663 | 1.959905 | -.019193 | -.000209 | 20.61737 |
| Stddev | .0066322 | .0046554 | .001871  | .006520  | .001296  | .04412   |
| %RSD   | 10.45819 | 34.06502 | .0954765 | 33.97145 | 620.2637 | .2140078 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0675340 | .0177737 | 1.960570 | -.014255 | -.001668 | 20.58538 |
| #2 | .0557653 | .0146159 | 1.957792 | -.026584 | .000235  | 20.59902 |
| #3 | .0669488 | .0086093 | 1.961354 | -.016739 | .000807  | 20.66771 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .6078060 | .0026273 | .0056857 | F 843.6060 | .0887184 | .0768290 |
| Stddev | .0014942 | .0003511 | .0001732 | 1.3564     | .0007726 | .0007677 |
| %RSD   | .2458344 | 13.36471 | 3.046171 | .1607891   | .8708318 | .9992197 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6093473 | .0022257 | .0056456 | 843.8503 | .0878277 | .0772933 |
| #2 | .6063638 | .0028762 | .0058754 | 842.1441 | .0892076 | .0759429 |
| #3 | .6077069 | .0027800 | .0055361 | 844.8238 | .0891198 | .0772508 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2850232 | 83.49426 | 5.504634 | 89.58710 | .0798922 | -.000390 |
| Stddev | .0091863 | .17901   | .011707  | .43554   | .0007460 | .000293  |
| %RSD   | 3.222993 | .2143977 | .2126670 | .4861654 | .9337006 | 75.15432 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2896272 | 83.44674 | 5.504041 | 89.56565 | .0806165 | -.000482 |
| #2 | .2744454 | 83.34380 | 5.493235 | 89.16268 | .0799338 | -.000627 |
| #3 | .2909971 | 83.69223 | 5.516625 | 90.03297 | .0791263 | -.000062 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8581375 | .0627088 | 1.842426 | 2.452147 | 4.688598 | -.166963 |
| Stddev | .0261034 | .0097875 | .011573  | .123907  | .011505  | .003088  |
| %RSD   | 3.041868 | 15.60784 | .6281568 | 5.052996 | .2453920 | 1.849426 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8315414 | .0541821 | 1.829321 | 2.471790 | 4.689351 | -.164544 |
| #2 | .8591524 | .0605483 | 1.851246 | 2.565060 | 4.676734 | -.170441 |
| #3 | .8837186 | .0733961 | 1.846710 | 2.319592 | 4.699708 | -.165904 |



Sample Name: P5038-08DLX2      Acquired: 12/30/2024 20:45:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK88      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038855 | 1.490180 | 5.274852 | .1265216 | .2355107 | .4962138 |
| Stddev | .0003162 | .002763  | .022640  | .0034918 | .0047611 | .0005658 |
| %RSD   | 8.138927 | .1853969 | .4292016 | 2.759853 | 2.021591 | .1140262 |
| #1     | .0042422 | 1.486990 | 5.253960 | .1226009 | .2304300 | .4968669 |
| #2     | .0036395 | 1.491783 | 5.271689 | .1276676 | .2398698 | .4959008 |
| #3     | .0037748 | 1.491768 | 5.298907 | .1292965 | .2362322 | .4958736 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0182313 |
| Stddev | .0048088 |
| %RSD   | 26.37646 |
| #1     | .0147637 |
| #2     | .0162093 |
| #3     | .0237209 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1679.519 | 21389.38 | 2416.140 | 1402.580 | 1700.717 |
| Stddev    | 4.471    | 32.28    | 11.237   | 2.573    | 3.063    |
| %RSD      | .2662237 | .1509093 | .4650725 | .1834792 | .1801277 |
| #1        | 1680.920 | 21420.46 | 2415.857 | 1401.039 | 1702.617 |
| #2        | 1674.515 | 21356.03 | 2427.515 | 1401.150 | 1697.183 |
| #3        | 1683.122 | 21391.66 | 2405.047 | 1405.551 | 1702.351 |

Sample Name: P5038-15DLX2      Acquired: 12/30/2024 20:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960     | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0053926 | .0280241 | .5031683 | -.048235   | -.015576 | 14.28467 |
| Stddev | .0046193 | .0039805 | .0019336 | .005264    | .003064  | .37632   |
| %RSD   | 85.65936 | 14.20389 | .3842742 | 10.91286   | 19.67327 | 2.634448 |
| #1     | .0020573 | .0268247 | .5049732 | -.044206   | -.018622 | 14.04388 |
| #2     | .0106650 | .0324663 | .5011277 | -.054191   | -.015612 | 14.09180 |
| #3     | .0034554 | .0247811 | .5034039 | -.046309   | -.012494 | 14.71833 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1344386 | .0014276 | .0044984 | F 816.2273 | .0378147 | .0584548 |
| Stddev | .0027996 | .0000944 | .0001460 | 20.0560    | .0009451 | .0007025 |
| %RSD   | 2.082398 | 6.611780 | 3.246169 | 2.457155   | 2.499254 | 1.201723 |
| #1     | .1330253 | .0015366 | .0045352 | 804.2233   | .0367393 | .0580360 |
| #2     | .1326274 | .0013742 | .0046225 | 805.0779   | .0381920 | .0592658 |
| #3     | .1376631 | .0013720 | .0043375 | 839.3807   | .0385129 | .0580626 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790     | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0444772 | 44.53398 | 4.484706 | 426.0423   | .0521107 | -.001059 |
| Stddev | .0028881 | 1.00019  | .090887  | 9.7870     | .0008413 | .001612  |
| %RSD   | 6.493417 | 2.245902 | 2.026601 | 2.297179   | 1.614380 | 152.2564 |
| #1     | .0443547 | 43.94730 | 4.422797 | 420.1048   | .0512099 | .000392  |
| #2     | .0416522 | 43.96579 | 4.442271 | 420.6838   | .0528760 | -.002795 |
| #3     | .0474245 | 45.68885 | 4.589049 | 437.3384   | .0522461 | -.000775 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698     | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9040362 | .0631643 | .7896274 | 1.390576   | 1.570580 | -.069388 |
| Stddev | .0274835 | .0141980 | .0003363 | .137071    | .005195  | .001358  |
| %RSD   | 3.040084 | 22.47781 | .0425925 | 9.857156   | .3307499 | 1.956566 |
| #1     | .8943037 | .0470049 | .7898370 | 1.234666   | 1.565067 | -.070945 |
| #2     | .8827434 | .0688490 | .7898058 | 1.444922   | 1.575383 | -.068769 |
| #3     | .9350616 | .0736391 | .7892395 | 1.492142   | 1.571290 | -.068450 |

Sample Name: P5038-15DLX2      Acquired: 12/30/2024 20:49:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0019945 | 8.043955 | 4.990583 | .0188539 | .1558197 | .2568009 |
| Stddev | .0001103 | .026470  | .075587  | .0014504 | .0041502 | .0065996 |
| %RSD   | 5.531631 | .3290730 | 1.514583 | 7.692858 | 2.663458 | 2.569926 |
| #1     | .0019002 | 8.031929 | 4.975626 | .0192133 | .1511173 | .2529223 |
| #2     | .0019675 | 8.074304 | 4.923594 | .0172576 | .1573709 | .2530594 |
| #3     | .0021159 | 8.025633 | 5.072530 | .0200909 | .1589708 | .2644211 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0147990 |
| Stddev | .0030531 |
| %RSD   | 20.63069 |
| #1     | .0114527 |
| #2     | .0174330 |
| #3     | .0155114 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1560.669 | 20027.93 | 2341.868 | 1307.430 | 1615.540 |
| Stddev    | 2.532    | 50.96    | 32.709   | 2.463    | 4.714    |
| %RSD      | .1622164 | .2544595 | 1.396707 | .1883934 | .2918171 |
| #1        | 1562.418 | 20084.72 | 2349.269 | 1308.117 | 1619.328 |
| #2        | 1557.766 | 20012.92 | 2370.243 | 1309.477 | 1610.260 |
| #3        | 1561.822 | 19986.16 | 2306.093 | 1304.697 | 1617.033 |

Sample Name: P5038-16DLX2      Acquired: 12/30/2024 20:52:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029864 | .0255793 | .0849543 | -.044734 | -.012702 | 21.27622 | .1400296 |
| Stddev | .0032890 | .0029423 | .0025299 | .004127  | .005681  | .05809   | .0014023 |
| %RSD   | 110.1320 | 11.50285 | 2.978002 | 9.225657 | 44.72717 | .2730293 | 1.001407 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022149 | .0275081 | .0875208 | -.044404 | -.018978 | 21.22852 | .1412808 |
| #2 | .0065926 | .0221927 | .0848797 | -.040782 | -.011219 | 21.25923 | .1402940 |
| #3 | .0001517 | .0270371 | .0824626 | -.049016 | -.007910 | 21.34091 | .1385139 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0015998 | .0014411 | 546.9444 | .0313501 | .0513613 | .0366131 | 38.28404 |
| Stddev | .0001026 | .0001294 | 1.9124   | .0002843 | .0004488 | .0085183 | .15091   |
| %RSD   | 6.410088 | 8.977170 | .3496536 | .9069317 | .8738381 | 23.26574 | .3941888 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0016164 | .0013687 | 544.7362 | .0312523 | .0511343 | .0269523 | 38.11230 |
| #2 | .0016930 | .0013642 | 548.0640 | .0316705 | .0518782 | .0430442 | 38.39549 |
| #3 | .0014899 | .0015905 | 548.0329 | .0311277 | .0510713 | .0398430 | 38.34432 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.282624 | 161.4135 | .0436045 | -.000267 | .6727229 | .0482201 | .2448848 |
| Stddev | .005032  | 1.0795   | .0013277 | .001376  | .0196005 | .0052965 | .0043340 |
| %RSD   | .2204330 | .6687586 | 3.044815 | 515.6868 | 2.913601 | 10.98402 | 1.769801 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.279386 | 160.1931 | .0446685 | -.001320 | .6504544 | .0543354 | .2495484 |
| #2 | 2.280066 | 162.2433 | .0440283 | .001290  | .6803552 | .0452313 | .2409810 |
| #3 | 2.288421 | 161.8040 | .0421166 | -.000770 | .6873591 | .0450935 | .2441248 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3993125 | .9733149 | -.046410 | .0097707 | 8.695395 | 8.016388 | .0089174 |
| Stddev | .0243001 | .0018993 | .001427  | .0003401 | .012616  | .095511  | .0004181 |
| %RSD   | 6.085483 | .1951373 | 3.074020 | 3.480362 | .1450911 | 1.191443 | 4.688864 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .3932328 | .9742995 | -.046401 | .0094381 | 8.684867 | 7.955385 | .0093810 |
| #2 | .3786295 | .9711254 | -.044988 | .0097562 | 8.691939 | 8.126459 | .0085689 |
| #3 | .4260751 | .9745197 | -.047841 | .0101177 | 8.709379 | 7.967319 | .0088022 |

Sample Name: P5038-16DLX2      Acquired: 12/30/2024 20:52:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7076012 | .3179595 | -.000214 |
| Stddev | .0075973 | .0020838 | .004818  |
| %RSD   | 1.073670 | .6553703 | 2255.818 |
| #1     | .7028159 | .3156286 | -.005657 |
| #2     | .7163613 | .3196422 | .003504  |
| #3     | .7036263 | .3186077 | .001513  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1621.301 | 20368.22 | 2317.090 | 1340.072 | 1727.695 |
| Stddev    | 1.598    | 292.72   | 25.114   | 20.025   | 3.967    |
| %RSD      | .0985580 | 1.437117 | 1.083864 | 1.494358 | .2296241 |
| #1        | 1620.454 | 20030.29 | 2330.700 | 1318.279 | 1732.250 |
| #2        | 1620.304 | 20531.08 | 2288.108 | 1357.663 | 1725.839 |
| #3        | 1623.144 | 20543.28 | 2332.461 | 1344.275 | 1724.995 |

Sample Name: P5038-17DLX2      Acquired: 12/30/2024 20:56:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0075128 | .0234952 | .2616126 | -.034675 | -.016475 | 10.34350 |
| Stddev | .0047675 | .0033565 | .0038328 | .002862  | .001391  | .09691   |
| %RSD   | 63.45779 | 14.28585 | 1.465071 | 8.252492 | 8.440226 | .9368828 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0123353 | .0196332 | .2577278 | -.036787 | -.015883 | 10.23455 |
| #2 | .0074010 | .0257091 | .2617188 | -.031418 | -.018063 | 10.42008 |
| #3 | .0028023 | .0251432 | .2653912 | -.035820 | -.015478 | 10.37586 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .1287838 | .0015244 | .0036256 | F 923.7737 | .0304536 | .0577709 |
| Stddev | .0018038 | .0002228 | .0000467 | 5.1276     | .0004648 | .0009056 |
| %RSD   | 1.400657 | 14.61291 | 1.289135 | .5550748   | 1.526328 | 1.567548 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1308564 | .0012686 | .0036530 | 918.4027 | .0307274 | .0567316 |
| #2 | .1279261 | .0016752 | .0035716 | 928.6172 | .0307165 | .0581906 |
| #3 | .1275688 | .0016296 | .0036521 | 924.3012 | .0299169 | .0583905 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0371568 | 51.87307 | 4.382138 | 484.1897 | .0550607 | -.001239 |
| Stddev | .0003913 | .32179   | .028551  | 3.5968   | .0011709 | .000344  |
| %RSD   | 1.053038 | .6203349 | .6515364 | .7428452 | 2.126539 | 27.76803 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0371051 | 51.57112 | 4.350902 | 481.2790 | .0553616 | -.001130 |
| #2 | .0367939 | 52.21157 | 4.406889 | 488.2107 | .0537687 | -.001625 |
| #3 | .0375713 | 51.83651 | 4.388625 | 483.0793 | .0560517 | -.000963 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.014865 | .0397610 | .6794441 | 1.801885 | 1.174292 | -.076643 |
| Stddev | .038947  | .0007508 | .0032089 | .062267  | .002563  | .001680  |
| %RSD   | 3.837621 | 1.888243 | .4722851 | 3.455659 | .2182750 | 2.192155 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.058431 | .0389059 | .6758230 | 1.740358 | 1.172354 | -.075093 |
| #2 | .983419  | .0403124 | .6805742 | 1.864867 | 1.177199 | -.076409 |
| #3 | 1.002745 | .0400645 | .6819350 | 1.800429 | 1.173324 | -.078428 |

Sample Name: P5038-17DLX2      Acquired: 12/30/2024 20:56:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033913 | 18.05706 | 4.748546 | .0138660 | .0816691 | .3860318 |
| Stddev | .0004546 | .03144   | .023876  | .0020503 | .0051282 | .0029790 |
| %RSD   | 13.40428 | .1741242 | .5027997 | 14.78672 | 6.279213 | .7716995 |
| #1     | .0030686 | 18.06534 | 4.721116 | .0115484 | .0791854 | .3827620 |
| #2     | .0031942 | 18.02230 | 4.759860 | .0154435 | .0875662 | .3867417 |
| #3     | .0039112 | 18.08353 | 4.764661 | .0146062 | .0782557 | .3885918 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0078930 |
| Stddev | .0010324 |
| %RSD   | 13.07955 |
| #1     | .0090446 |
| #2     | .0070504 |
| #3     | .0075839 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1568.252 | 19863.95 | 2288.350 | 1296.868 | 1627.618 |
| Stddev    | 3.759    | 93.18    | 9.977    | 7.367    | 1.161    |
| %RSD      | .2396701 | .4690732 | .4359783 | .5680347 | .0713292 |
| #1        | 1565.371 | 19867.88 | 2282.983 | 1290.035 | 1627.863 |
| #2        | 1572.504 | 19768.87 | 2282.205 | 1295.897 | 1628.636 |
| #3        | 1566.881 | 19955.10 | 2299.861 | 1304.672 | 1626.354 |

Sample Name: P5038-18DLX2      Acquired: 12/30/2024 21:00:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0291530 | .0203127 | .9841245 | -.037964 | -.010297 | 15.99588 | .3919684 |
| Stddev | .0018559 | .0018126 | .0018713 | .005516  | .000648  | .27176   | .0065168 |
| %RSD   | 6.365925 | 8.923543 | .1901524 | 14.52870 | 6.293105 | 1.698947 | 1.662576 |
| #1     | .0278657 | .0182463 | .9820017 | -.043728 | -.011035 | 15.98078 | .3932025 |
| #2     | .0283129 | .0210575 | .9855357 | -.037429 | -.010034 | 15.73198 | .3849229 |
| #3     | .0312803 | .0216342 | .9848360 | -.032736 | -.009822 | 16.27488 | .3977799 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021850 | .0036962 | 637.0969 | .0391334 | .0623937 | .1435112 | 52.19191 |
| Stddev | .0000479 | .0000321 | 10.9056  | .0008952 | .0000848 | .0102101 | 1.00650  |
| %RSD   | 2.190237 | .8673086 | 1.711770 | 2.287589 | .1358745 | 7.114487 | 1.928466 |
| #1     | .0021411 | .0036806 | 636.9538 | .0392009 | .0624386 | .1529262 | 52.07548 |
| #2     | .0022360 | .0036749 | 626.2635 | .0382064 | .0622959 | .1326585 | 51.24868 |
| #3     | .0021777 | .0037330 | 648.0734 | .0399930 | .0624465 | .1449488 | 53.25156 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.324355 | 345.1545 | .0600930 | -.000418 | .7514779 | .0408389 | .8246647 |
| Stddev | .057897  | 5.6564   | .0005642 | .001434  | .0204958 | .0042839 | .0022342 |
| %RSD   | 1.741614 | 1.638812 | .9388599 | 342.8604 | 2.727393 | 10.48977 | .2709226 |
| #1     | 3.320554 | 344.2341 | .0607435 | .001234  | .7751041 | .0442706 | .8267059 |
| #2     | 3.268451 | 340.0147 | .0597372 | -.001336 | .7384706 | .0360377 | .8222778 |
| #3     | 3.384058 | 351.2147 | .0597983 | -.001152 | .7408590 | .0422085 | .8250105 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.314764 | 2.344334 | -.091716 | .0029708 | 12.28897 | 4.929067 | .0355262 |
| Stddev | .159795  | .007968  | .003075  | .0003302 | .04099   | .053133  | .0025013 |
| %RSD   | 6.903289 | .3398812 | 3.353013 | 11.11638 | .3335181 | 1.077955 | 7.040850 |
| #1     | 2.158133 | 2.352830 | -.090500 | .0032442 | 12.32729 | 4.930054 | .0369344 |
| #2     | 2.308612 | 2.343147 | -.095214 | .0030643 | 12.29385 | 4.875447 | .0326382 |
| #3     | 2.477545 | 2.337027 | -.089435 | .0026039 | 12.24575 | 4.981699 | .0370060 |



Sample Name: P5038-18DLX2      Acquired: 12/30/2024 21:00:45      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHKA9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1578239 | 1.062058 | .0150609 |
| Stddev | .0068493 | .017883  | .0042019 |
| %RSD   | 4.339854 | 1.683792 | 27.89937 |
| #1     | .1635863 | 1.064856 | .0127696 |
| #2     | .1596342 | 1.042941 | .0125027 |
| #3     | .1502513 | 1.078376 | .0199104 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1647.892 | 20796.31 | 2412.015 | 1361.372 | 1685.608 |
| Stddev    | 3.466    | 38.42    | 25.718   | 2.069    | 2.721    |
| %RSD      | .2103034 | .1847607 | 1.066255 | .1519667 | .1614362 |
| #1        | 1643.991 | 20753.87 | 2410.463 | 1362.762 | 1683.109 |
| #2        | 1650.613 | 20828.74 | 2438.474 | 1362.360 | 1685.207 |
| #3        | 1649.074 | 20806.32 | 2387.107 | 1358.995 | 1688.507 |

Sample Name: P5266-18DLX2      Acquired: 12/30/2024 21:04:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2903      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1067487 | -.146903 | 3.182111 | .3141003 | .1539216 | 30.71852 |
| Stddev | .0020422 | .001521  | .002721  | .0084350 | .0061007 | .26068   |
| %RSD   | 1.913141 | 1.035423 | .0855123 | 2.685442 | 3.963494 | .8486072 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1056717 | -.145150 | 3.182226 | .3100620 | .1472741 | 30.45363 |
| #2 | .1054704 | -.147870 | 3.184773 | .3237953 | .1552264 | 30.72715 |
| #3 | .1091040 | -.147689 | 3.179335 | .3084436 | .1592643 | 30.97477 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5271403 | .0116709 | .0174185 | 253.9450 | 1.233524 | .0832770 |
| Stddev | .0056068 | .0003907 | .0000900 | 2.1148   | .004621  | .0005748 |
| %RSD   | 1.063621 | 3.347550 | .5167791 | .8327971 | .3746383 | .6902734 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5207029 | .0120472 | .0175208 | 251.6748 | 1.233461 | .0828709 |
| #2 | .5297631 | .0116983 | .0173835 | 254.3008 | 1.228935 | .0830254 |
| #3 | .5309550 | .0112672 | .0173513 | 255.8593 | 1.238177 | .0839348 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2286944 | 645.9123 | 23.01727 | 49.68624 | .6391422 | -.018644 |
| Stddev | .0020967 | 5.1688   | .19228   | .51910   | .0016359 | .000880  |
| %RSD   | .9168304 | .8002308 | .8353848 | 1.044754 | .2559491 | 4.721160 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2262781 | 640.1354 | 22.81857 | 49.09344 | .6386027 | -.017652 |
| #2 | .2297710 | 647.5019 | 23.03081 | 49.90579 | .6378442 | -.019331 |
| #3 | .2300342 | 650.0996 | 23.20242 | 50.05949 | .6409797 | -.018950 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.027365 | .1564128 | 5.828271 | 4.006914 | 4.286381 | F -1.38618 |
| Stddev | .030315  | .0062955 | .007730  | .008702  | .003580  | .01184     |
| %RSD   | 2.950748 | 4.024899 | .1326349 | .2171782 | .0835180 | .8543948   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.044563 | .1623423 | 5.831039 | 4.016318 | 4.284439 | -1.39816 |
| #2 | 1.045170 | .1498062 | 5.834236 | 4.005276 | 4.290513 | -1.37448 |
| #3 | .992362  | .1570899 | 5.819538 | 3.999147 | 4.284193 | -1.38592 |

Sample Name: P5266-18DLX2      Acquired: 12/30/2024 21:04:38      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME2903      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0451689 | 5.129105 | 6.596744 | .0825551 | 1.119571 | -.213817 |
| Stddev | .0002293 | .006092  | .018785  | .0014358 | .016683  | .002375  |
| %RSD   | .5076783 | .1187664 | .2847631 | 1.739237 | 1.490119 | 1.110908 |
| #1     | .0453730 | 5.133495 | 6.598706 | .0826143 | 1.101430 | -.211138 |
| #2     | .0449208 | 5.131670 | 6.577055 | .0839604 | 1.123032 | -.215665 |
| #3     | .0452128 | 5.122151 | 6.614471 | .0810906 | 1.134253 | -.214649 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0128837 |
| Stddev | .0027529 |
| %RSD   | 21.36715 |
| #1     | .0098556 |
| #2     | .0135604 |
| #3     | .0152352 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1647.636 | 20832.60 | 2340.940 | 1366.148 | 1867.286 |
| Stddev    | 6.005    | 34.65    | 7.178    | 1.367    | 5.771    |
| %RSD      | .3644900 | .1663111 | .3066464 | .1000298 | .3090343 |
| #1        | 1649.557 | 20820.93 | 2333.456 | 1364.590 | 1865.715 |
| #2        | 1652.446 | 20871.58 | 2347.767 | 1366.712 | 1873.680 |
| #3        | 1640.905 | 20805.30 | 2341.598 | 1367.142 | 1862.465 |

Sample Name: P5259-12DLX2      Acquired: 12/30/2024 21:08:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28X6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0410487 | .0020017 | .1032533 | -.000247 | .0063167 | 36.75294 | .2973920 |
| Stddev | .0028402 | .0029388 | .0010109 | .007601  | .0057849 | .11721   | .0023945 |
| %RSD   | 6.918977 | 146.8141 | .9790802 | 3082.408 | 91.58043 | .3189212 | .8051606 |
| #1     | .0411140 | .0006816 | .1044114 | -.005499 | .0094959 | 36.80036 | .3000845 |
| #2     | .0381764 | .0053692 | .1025469 | -.003709 | .0098147 | 36.83902 | .2965900 |
| #3     | .0438556 | -.000045 | .1028018 | .008469  | -.000361 | 36.61945 | .2955014 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0039659 | .0021296 | 447.5727 | .0796295 | .0919373 | .0912863 | 116.0985 |
| Stddev | .0001371 | .0000641 | 2.1404   | .0006643 | .0008293 | .0024879 | .2461    |
| %RSD   | 3.457012 | 3.010461 | .4782160 | .8341909 | .9020600 | 2.725384 | .2119914 |
| #1     | .0038627 | .0020721 | 449.1511 | .0803461 | .0910906 | .0911008 | 116.1258 |
| #2     | .0041215 | .0021178 | 448.4304 | .0795083 | .0927480 | .0938618 | 116.3298 |
| #3     | .0039135 | .0021987 | 445.1365 | .0790343 | .0919733 | .0888964 | 115.8398 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.980082 | 67.79481 | .1560311 | -.004544 | .5093130 | .0992221 | .4567266 |
| Stddev | .013773  | .24945   | .0004078 | .000441  | .0039144 | .0052871 | .0044755 |
| %RSD   | .4621822 | .3679461 | .2613652 | 9.704281 | .7685570 | 5.328576 | .9799054 |
| #1     | 2.983134 | 67.91532 | .1560853 | -.004792 | .5113899 | .1022834 | .4608108 |
| #2     | 2.992073 | 67.96112 | .1564092 | -.004035 | .5047979 | .1022660 | .4574267 |
| #3     | 2.965038 | 67.50799 | .1555990 | -.004805 | .5117513 | .0931171 | .4519423 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.908013 | 2.496334 | -.237939 | .0246651 | 2.163766 | 4.091548 | .0166429 |
| Stddev | .071479  | .004728  | .002749  | .0007738 | .002247  | .038645  | .0022882 |
| %RSD   | 1.209860 | .1893933 | 1.155471 | 3.137341 | .1038252 | .9445156 | 13.74884 |
| #1     | 5.957779 | 2.497739 | -.236874 | .0247730 | 2.163193 | 4.110517 | .0142537 |
| #2     | 5.826106 | 2.500201 | -.241062 | .0238429 | 2.166244 | 4.117043 | .0188146 |
| #3     | 5.940154 | 2.491063 | -.235881 | .0253792 | 2.161862 | 4.047083 | .0168604 |

Sample Name: P5259-12DLX2      Acquired: 12/30/2024 21:08:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28X6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6752053 | .4375542 | .0516295 |
| Stddev | .0043504 | .0029441 | .0055016 |
| %RSD   | .6443042 | .6728533 | 10.65598 |
| #1     | .6720122 | .4395370 | .0482453 |
| #2     | .6734434 | .4389542 | .0579776 |
| #3     | .6801603 | .4341713 | .0486656 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1711.977 | 21395.01 | 2427.246 | 1411.247 | 1794.023 |
| Stddev    | 3.932    | 73.79    | 18.289   | 1.879    | 5.082    |
| %RSD      | .2296663 | .3448725 | .7534783 | .1331645 | .2832517 |
| #1        | 1715.365 | 21422.17 | 2417.978 | 1410.540 | 1798.312 |
| #2        | 1707.666 | 21451.36 | 2415.446 | 1409.823 | 1788.411 |
| #3        | 1712.902 | 21311.49 | 2448.313 | 1413.377 | 1795.346 |

Sample Name: P5259-14DLX2      Acquired: 12/30/2024 21:12:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28X8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0257297 | .0158750 | .0522529 | -.034082 | -.005358 | 22.28767 | .5343548 |
| Stddev | .0033492 | .0041541 | .0014671 | .001480  | .002149  | .04805   | .0003219 |
| %RSD   | 13.01701 | 26.16787 | 2.807637 | 4.341663 | 40.10078 | .2155909 | .0602387 |
| #1     | .0289516 | .0110783 | .0511774 | -.035790 | -.007734 | 22.33781 | .5342577 |
| #2     | .0259712 | .0183022 | .0516571 | -.033284 | -.004791 | 22.24203 | .5340926 |
| #3     | .0222662 | .0182443 | .0539241 | -.033173 | -.003550 | 22.28315 | .5347140 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021861 | .0020422 | 636.9479 | .0521352 | .0726791 | .0817863 | 69.09924 |
| Stddev | .0000367 | .0001520 | .4355    | .0003949 | .0006473 | .0056178 | .16975   |
| %RSD   | 1.678184 | 7.441190 | .0683745 | .7575469 | .8906631 | 6.868920 | .2456547 |
| #1     | .0021837 | .0019721 | 637.2931 | .0520292 | .0733778 | .0847858 | 68.95541 |
| #2     | .0022239 | .0019380 | 637.0919 | .0525724 | .0720997 | .0753053 | 69.05584 |
| #3     | .0021507 | .0022166 | 636.4586 | .0518041 | .0725599 | .0852676 | 69.28647 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.702514 | 191.7388 | .0998536 | -.002194 | .7244717 | .0752231 | .2116891 |
| Stddev | .005504  | .7007    | .0005088 | .000961  | .0246390 | .0032373 | .0009575 |
| %RSD   | .3232676 | .3654313 | .5095343 | 43.79126 | 3.400967 | 4.303546 | .4523176 |
| #1     | 1.696164 | 191.2284 | .0995103 | -.002571 | .7456907 | .0762630 | .2118205 |
| #2     | 1.705490 | 191.4505 | .0996124 | -.002910 | .6974488 | .0715937 | .2125741 |
| #3     | 1.705890 | 192.5377 | .1004382 | -.001102 | .7302756 | .0778126 | .2106727 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.809960 | 1.620362 | -.124446 | .0221179 | 21.08478 | 3.381853 | .0162210 |
| Stddev | .115897  | .002162  | .001991  | .0006981 | .04773   | .013048  | .0020587 |
| %RSD   | 3.041939 | .1334460 | 1.599746 | 3.156453 | .2263615 | .3858279 | 12.69138 |
| #1     | 3.879419 | 1.617866 | -.126600 | .0213613 | 21.11776 | 3.396485 | .0175803 |
| #2     | 3.874295 | 1.621678 | -.122673 | .0227371 | 21.03005 | 3.377648 | .0172303 |
| #3     | 3.676167 | 1.621541 | -.124065 | .0222554 | 21.10653 | 3.371425 | .0138525 |

Sample Name: P5259-14DLX2      Acquired: 12/30/2024 21:12:18      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28X8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5963156 | 3.878261 | .0383796 |
| Stddev | .0057778 | .010296  | .0014563 |
| %RSD   | .9689143 | .2654866 | 3.794389 |
| #1     | .5899144 | 3.885715 | .0399325 |
| #2     | .5978880 | 3.882555 | .0381619 |
| #3     | .6011445 | 3.866512 | .0370445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1632.959 | 20587.88 | 2339.162 | 1349.385 | 1713.719 |
| Stddev    | 2.458    | 32.00    | 10.974   | 2.906    | 3.331    |
| %RSD      | .1505288 | .1554437 | .4691257 | .2153789 | .1943960 |
| #1        | 1635.225 | 20566.72 | 2327.947 | 1346.421 | 1716.153 |
| #2        | 1633.306 | 20624.70 | 2339.662 | 1349.506 | 1715.081 |
| #3        | 1630.346 | 20572.24 | 2349.878 | 1352.230 | 1709.922 |

Sample Name: P5259-20DLX2      Acquired: 12/30/2024 21:16:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Y4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0345750 | .0051322 | .0868962 | -.001157 | .0077393 | 35.98056 | .3194953 |
| Stddev | .0050978 | .0018623 | .0039299 | .003895  | .0018177 | .07376   | .0011171 |
| %RSD   | 14.74413 | 36.28542 | 4.522509 | 336.5928 | 23.48622 | .2050029 | .3496347 |
| #1     | .0389139 | .0041569 | .0913836 | .002614  | .0063741 | 36.00578 | .3190843 |
| #2     | .0289606 | .0072796 | .0840682 | -.000920 | .0070413 | 35.89749 | .3186419 |
| #3     | .0358504 | .0039603 | .0852366 | -.005165 | .0098025 | 36.03840 | .3207596 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0036548 | .0020840 | 442.6321 | .1009184 | .0857032 | .0785578 | 103.7381 |
| Stddev | .0001761 | .0000807 | 1.2965   | .0001421 | .0008439 | .0116285 | .3594    |
| %RSD   | 4.818970 | 3.874192 | .2929126 | .1408388 | .9846860 | 14.80245 | .3464227 |
| #1     | .0037222 | .0021745 | 443.5389 | .1007601 | .0847627 | .0670240 | 104.0600 |
| #2     | .0034550 | .0020195 | 441.1470 | .1009600 | .0859527 | .0902787 | 103.3504 |
| #3     | .0037874 | .0020579 | 443.2103 | .1010350 | .0863943 | .0783707 | 103.8041 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.248040 | 91.52643 | .1418867 | -.003996 | .6070770 | .0990389 | .2669450 |
| Stddev | .005727  | .21113   | .0002172 | .000083  | .0078287 | .0051073 | .0011519 |
| %RSD   | .2547351 | .2306732 | .1530495 | 2.081019 | 1.289578 | 5.156838 | .4315200 |
| #1     | 2.254264 | 91.56929 | .1421010 | -.003906 | .5984443 | .0939811 | .2678880 |
| #2     | 2.242995 | 91.29716 | .1416668 | -.004012 | .6090701 | .1041943 | .2656611 |
| #3     | 2.246862 | 91.71284 | .1418923 | -.004070 | .6137164 | .0989413 | .2672859 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.044354 | 2.080542 | -.204917 | .0194831 | 13.95171 | 4.680108 | .0153047 |
| Stddev | .023267  | .010955  | .003675  | .0001246 | .02239   | .064276  | .0008478 |
| %RSD   | .3849417 | .5265619 | 1.793358 | .6395133 | .1605080 | 1.373396 | 5.539317 |
| #1     | 6.040846 | 2.080564 | -.204244 | .0193400 | 13.97164 | 4.695730 | .0150753 |
| #2     | 6.069177 | 2.069576 | -.201625 | .0195676 | 13.92748 | 4.609460 | .0145953 |
| #3     | 6.023041 | 2.091487 | -.208882 | .0195417 | 13.95600 | 4.735133 | .0162436 |



Sample Name: P5259-20DLX2      Acquired: 12/30/2024 21:16:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Y4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5744581 | .4362065 | .0648738 |
| Stddev | .0061910 | .0008231 | .0008392 |
| %RSD   | 1.077705 | .1886962 | 1.293611 |
| #1     | .5790810 | .4357432 | .0654327 |
| #2     | .5674244 | .4357196 | .0639088 |
| #3     | .5768689 | .4371569 | .0652800 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1680.234 | 21171.59 | 2374.523 | 1398.132 | 1776.844 |
| Stddev    | 6.495    | 95.53    | 17.441   | 3.123    | 5.233    |
| %RSD      | .3865774 | .4512224 | .7344987 | .2233984 | .2945154 |
| #1        | 1687.675 | 21214.78 | 2373.345 | 1400.285 | 1781.448 |
| #2        | 1677.326 | 21062.09 | 2392.523 | 1394.549 | 1777.932 |
| #3        | 1675.700 | 21237.89 | 2357.701 | 1399.561 | 1771.153 |

Sample Name: CCV050      Acquired: 12/30/2024 21:20:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV050      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.930407 | 4.755433 | 24.38187 | 4.853586 | 4.817536 | 405.7120 |
| Stddev | .012680  | .017704  | .02221   | .006347  | .002665  | 1.1653   |
| %RSD   | .2571817 | .3722803 | .0910836 | .1307683 | .0553172 | .2872272 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.919618 | 4.763208 | 24.40683 | 4.858729 | 4.820540 | 407.0282 |
| #2 | 4.944374 | 4.735172 | 24.36432 | 4.855537 | 4.815454 | 404.8119 |
| #3 | 4.927230 | 4.767919 | 24.37446 | 4.846493 | 4.816616 | 405.2958 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.08952 | .5057314 | 2.458517 | 410.8749 | 15.54501 | 2.454927 |
| Stddev | .03107   | .0017709 | .002232  | .9893    | .07757   | .001727  |
| %RSD   | .3079492 | .3501734 | .0907894 | .2407879 | .4990315 | .0703662 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.12533 | .5062945 | 2.460883 | 412.0156 | 15.58106 | 2.456715 |
| #2 | 10.07357 | .5037473 | 2.456449 | 410.3569 | 15.59800 | 2.453267 |
| #3 | 10.06967 | .5071523 | 2.458219 | 410.2520 | 15.45597 | 2.454799 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.11072 | 410.3914 | 15.09348 | 406.5694 | 2.478886 | 1.270489 |
| Stddev | .01697   | 1.2363   | .05527   | 1.8722   | .004997  | .007213  |
| %RSD   | .1122846 | .3012546 | .3661736 | .4604811 | .2015657 | .5677577 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 15.13001 | 411.5252 | 15.14285 | 408.7105 | 2.483938 | 1.274938 |
| #2 | 15.09813 | 409.0733 | 15.03377 | 405.2403 | 2.473946 | 1.274362 |
| #3 | 15.10401 | 410.5757 | 15.10381 | 405.7575 | 2.478775 | 1.262166 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 411.6580 | 2.496128 | 14.88302 | 153.0550 | 4.840022 | F 4.342615 |
| Stddev | 2.0127   | .008435  | .10032   | .5002    | .009217  | .026418    |
| %RSD   | .4889211 | .3379367 | .6740562 | .3268316 | .1904419 | .6083376   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 413.8177 | 2.503812 | 14.94422 | 153.5571 | 4.847120 | 4.357642 |
| #2 | 409.8348 | 2.497470 | 14.93759 | 152.5566 | 4.829604 | 4.312111 |
| #3 | 411.3214 | 2.487102 | 14.76724 | 153.0512 | 4.843341 | 4.358091 |

Sample Name: CCV050      Acquired: 12/30/2024 21:20:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV050      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.741539 | 4.896273 | 4.989297 | 4.958816 | 5.035435 | 4.817609 |
| Stddev | .002921  | .005074  | .024250  | .008498  | .014905  | .001469  |
| %RSD   | .0616049 | .1036201 | .4860467 | .1713659 | .2959975 | .0304991 |
| #1     | 4.744570 | 4.898217 | 5.002633 | 4.967723 | 5.052528 | 4.816192 |
| #2     | 4.738742 | 4.900087 | 4.961305 | 4.957930 | 5.025150 | 4.819125 |
| #3     | 4.741304 | 4.890515 | 5.003952 | 4.950797 | 5.028627 | 4.817510 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.098836 |
| Stddev | .016850  |
| %RSD   | .3304710 |
| #1     | 5.118282 |
| #2     | 5.088553 |
| #3     | 5.089674 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1450.215 | 18782.35 | 2187.450 | 1181.685 | 1623.867 |
| Stddev    | 1.667    | 111.06   | 8.985    | 7.505    | 3.376    |
| %RSD      | .1149380 | .5913116 | .4107414 | .6351358 | .2079259 |
| #1        | 1448.479 | 18726.11 | 2179.399 | 1176.276 | 1622.102 |
| #2        | 1451.803 | 18710.66 | 2197.142 | 1178.525 | 1627.760 |
| #3        | 1450.363 | 18910.28 | 2185.808 | 1190.253 | 1621.740 |

Sample Name: CCB050      Acquired: 12/30/2024 21:23:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB050      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004040 | -.001370 | .0019890 | .0058435 | .0031484 | -.005453 | .0003322 |
| Stddev | .003737  | .001575  | .0014023 | .0008808 | .0025574 | .014416  | .0002500 |
| %RSD   | 92.48369 | 114.9977 | 70.50250 | 15.07339 | 81.22782 | 264.3788 | 75.25992 |
| #1     | -.008346 | -.002566 | .0011955 | .0054665 | .0002673 | -.002279 | .0000851 |
| #2     | -.001650 | .000415  | .0011634 | .0068500 | .0051497 | -.021191 | .0005850 |
| #3     | -.002124 | -.001958 | .0036082 | .0052139 | .0040283 | .007111  | .0003263 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002629 | .0002408 | .0315557 | .0015187 | .0002469 | .0046798 | .0331732 |
| Stddev | .0001338 | .0000635 | .0167619 | .0003598 | .0003221 | .0169227 | .0209174 |
| %RSD   | 50.90596 | 26.36111 | 53.11856 | 23.69057 | 130.4840 | 361.6109 | 63.05512 |
| #1     | .0001087 | .0001908 | .0124726 | .0018508 | .0000356 | .0241286 | .0149953 |
| #2     | .0003306 | .0002195 | .0382974 | .0015687 | .0006176 | -.003405 | .0284886 |
| #3     | .0003493 | .0003122 | .0438971 | .0011365 | .0000874 | -.006684 | .0560358 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0014178 | .1034333 | -.000251 | .0011397 | .0496476 | -.005387 | .0026383 |
| Stddev | .0013226 | .1081158 | .000504  | .0017556 | .0414117 | .015561  | .0003657 |
| %RSD   | 93.29096 | 104.5271 | 200.6833 | 154.0462 | 83.41121 | 288.8813 | 13.86144 |
| #1     | .0028277 | .1558833 | -.000222 | .0030770 | .0755412 | .012239  | .0029454 |
| #2     | .0002045 | .1753195 | -.000769 | -.000346 | .0715156 | -.011174 | .0027357 |
| #3     | .0012211 | -.020903 | .000237  | .000688  | .0018860 | -.017225 | .0022338 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0735260 | -.001480 | .0110022 | .0003556 | .0002746 | .0006148 | -.000521 |
| Stddev | .0634451 | .001999  | .0037062 | .0002370 | .0064710 | .0003893 | .000985  |
| %RSD   | 86.28931 | 135.0790 | 33.68658 | 66.63705 | 2356.769 | 63.31914 | 188.9918 |
| #1     | .0321205 | -.003623 | .0110308 | .0005939 | .0038421 | .0007603 | -.001512 |
| #2     | .0418889 | -.001149 | .0146940 | .0001200 | -.007195 | .0009105 | -.000510 |
| #3     | .1465687 | .000333  | .0072817 | .0003529 | .004177  | .0001737 | .000458  |

Sample Name: CCB050      Acquired: 12/30/2024 21:23:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB050      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001931 | .0003255 | .0078899 |
| Stddev | .003138  | .0004216 | .0050451 |
| %RSD   | 162.5736 | 129.5471 | 63.94317 |
| #1     | .000594  | .0006628 | .0102695 |
| #2     | -.005444 | -.000147 | .0020952 |
| #3     | -.000941 | .000461  | .0113051 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1651.730 | 20850.48 | 2251.576 | 1384.177 | 1947.192 |
| Stddev    | 6.904    | 94.67    | 5.754    | 5.521    | 7.634    |
| %RSD      | .4179809 | .4540331 | .2555520 | .3988694 | .3920541 |
| #1        | 1646.487 | 20742.01 | 2246.961 | 1378.163 | 1938.630 |
| #2        | 1649.150 | 20893.01 | 2249.743 | 1385.350 | 1949.655 |
| #3        | 1659.552 | 20916.43 | 2258.023 | 1389.016 | 1953.290 |

Sample Name: P5259-21DLX2      Acquired: 12/30/2024 21:27:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Y5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472713 | -.001421 | .0846425 | .0136016 | .0067599 | 40.21872 | .4002722 |
| Stddev | .0019219 | .003701  | .0032681 | .0027167 | .0017306 | .14471   | .0026561 |
| %RSD   | 4.065731 | 260.5287 | 3.861020 | 19.97337 | 25.60110 | .3597986 | .6635767 |
| #1     | .0494805 | -.000156 | .0839746 | .0158917 | .0060364 | 40.28333 | .4030257 |
| #2     | .0459840 | -.005588 | .0881929 | .0143132 | .0087348 | 40.31985 | .4000654 |
| #3     | .0463494 | .001483  | .0817600 | .0105999 | .0055084 | 40.05296 | .3977255 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041700 | .0021671 | 469.1640 | .0797140 | .0951847 | .1035088 | 126.6536 |
| Stddev | .0001817 | .0001565 | 1.9314   | .0001737 | .0005556 | .0053117 | .6402    |
| %RSD   | 4.358180 | 7.221764 | .4116775 | .2179137 | .5837354 | 5.131653 | .5054864 |
| #1     | .0040613 | .0023234 | 469.8347 | .0796332 | .0952900 | .1093803 | 127.0251 |
| #2     | .0040690 | .0020104 | 470.6707 | .0795954 | .0956802 | .0990372 | 127.0214 |
| #3     | .0043799 | .0021675 | 466.9866 | .0799134 | .0945840 | .1021089 | 125.9144 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.562981 | 87.31283 | .1637734 | -.006056 | .7673971 | .1038018 | .2965723 |
| Stddev | .012715  | .74950   | .0019455 | .000653  | .0224742 | .0112209 | .0030604 |
| %RSD   | .4961020 | .8584098 | 1.187910 | 10.78162 | 2.928624 | 10.80994 | 1.031913 |
| #1     | 2.565184 | 87.43352 | .1627333 | -.006594 | .7728895 | .0916688 | .2978745 |
| #2     | 2.574451 | 87.99467 | .1660178 | -.005330 | .7866160 | .1138056 | .2930762 |
| #3     | 2.549309 | 86.51031 | .1625690 | -.006245 | .7426859 | .1059309 | .2987661 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.727975 | 2.360819 | -.244155 | .0428434 | 15.36509 | 4.339354 | .0214743 |
| Stddev | .096861  | .006641  | .003741  | .0010481 | .01330   | .034299  | .0011498 |
| %RSD   | 1.439681 | .2813109 | 1.532162 | 2.446382 | .0865398 | .7904180 | 5.354453 |
| #1     | 6.628651 | 2.353567 | -.244365 | .0428693 | 15.35508 | 4.366907 | .0202856 |
| #2     | 6.822169 | 2.366605 | -.247787 | .0438784 | 15.36001 | 4.350216 | .0225809 |
| #3     | 6.733106 | 2.362284 | -.240314 | .0417826 | 15.38018 | 4.300939 | .0215563 |

Sample Name: P5259-21DLX2      Acquired: 12/30/2024 21:27:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Y5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .7330896 | .5536875 | .0800161 |
| Stddev | .0033373 | .0012088 | .0040159 |
| %RSD   | .4552367 | .2183161 | 5.018880 |
| #1     | .7366577 | .5531788 | .0794734 |
| #2     | .7325661 | .5550675 | .0762991 |
| #3     | .7300449 | .5528163 | .0842757 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1696.449 | 21428.75 | 2405.428 | 1414.515 | 1772.072 |
| Stddev    | 4.408    | 17.18    | 17.436   | 8.209    | 2.121    |
| %RSD      | .2598657 | .0801559 | .7248772 | .5803419 | .1196917 |
| #1        | 1699.423 | 21420.00 | 2392.753 | 1407.429 | 1774.480 |
| #2        | 1691.384 | 21417.71 | 2398.217 | 1423.510 | 1770.481 |
| #3        | 1698.540 | 21448.54 | 2425.313 | 1412.605 | 1771.256 |

Sample Name: P5156-02DLX2      Acquired: 12/30/2024 21:31:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Q7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0620528 | -.004552 | .0797783 | .0006889 | .0070645 | 35.99263 | .2725931 |
| Stddev | .0063219 | .001033  | .0018143 | .0102650 | .0024089 | .08928   | .0014902 |
| %RSD   | 10.18790 | 22.68752 | 2.274132 | 1490.057 | 34.09908 | .2480564 | .5466817 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0589162 | -.003660 | .0806169 | .0088032 | .0042832 | 35.93683 | .2731054 |
| #2 | .0693296 | -.004314 | .0776965 | .0041142 | .0084893 | 35.94546 | .2737596 |
| #3 | .0579125 | -.005683 | .0810217 | -.010851 | .0084211 | 36.09560 | .2709143 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038469 | .0016051 | 528.5826 | .0633168 | .0834776 | .0969392 | 117.2804 |
| Stddev | .0002872 | .0000917 | 1.3788   | .0000917 | .0001994 | .0103807 | .2157    |
| %RSD   | 7.464891 | 5.714384 | .2608413 | .1448077 | .2388350 | 10.70848 | .1839027 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0035694 | .0014993 | 528.1853 | .0633964 | .0837072 | .0872978 | 117.4484 |
| #2 | .0038283 | .0016535 | 527.4461 | .0632165 | .0833779 | .1079277 | 117.3556 |
| #3 | .0041429 | .0016625 | 530.1164 | .0633374 | .0833478 | .0955922 | 117.0372 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.619622 | 77.36733 | .1371995 | -.004442 | .6425915 | .0787613 | .2543927 |
| Stddev | .003650  | .18067   | .0003919 | .000434  | .0120451 | .0065343 | .0016320 |
| %RSD   | .2253869 | .2335160 | .2856096 | 9.780490 | 1.874450 | 8.296288 | .6415240 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.617174 | 77.57518 | .1373958 | -.003944 | .6458127 | .0860928 | .2562264 |
| #2 | 1.623818 | 77.27888 | .1374544 | -.004636 | .6526984 | .0735516 | .2530997 |
| #3 | 1.617874 | 77.24794 | .1367483 | -.004745 | .6292633 | .0766396 | .2538519 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.634520 | 2.480943 | -.237681 | .0213714 | .9443148 | 5.289131 | .0183065 |
| Stddev | .041980  | .004026  | .003861  | .0008050 | .0033315 | .033953  | .0002344 |
| %RSD   | .7450564 | .1622902 | 1.624291 | 3.766803 | .3527962 | .6419318 | 1.280399 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 5.613762 | 2.485335 | -.241502 | .0215189 | .9407733 | 5.321602 | .0183423 |
| #2 | 5.606963 | 2.480070 | -.233782 | .0220925 | .9447848 | 5.291921 | .0180563 |
| #3 | 5.682836 | 2.477425 | -.237758 | .0205029 | .9473864 | 5.253869 | .0185210 |



Sample Name: P5156-02DLX2      Acquired: 12/30/2024 21:31:40      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Q7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8099812 | .6556978 | .0546099 |
| Stddev | .0044953 | .0043532 | .0033777 |
| %RSD   | .5549861 | .6639095 | 6.185173 |
| #1     | .8113769 | .6532449 | .0531739 |
| #2     | .8049536 | .6531244 | .0521874 |
| #3     | .8136130 | .6607240 | .0584683 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1699.797 | 21469.23 | 2386.188 | 1413.632 | 1773.067 |
| Stddev    | 2.184    | 141.19   | 12.114   | 9.484    | 2.095    |
| %RSD      | .1284712 | .6576617 | .5076679 | .6708608 | .1181445 |
| #1        | 1702.053 | 21427.84 | 2373.874 | 1405.327 | 1775.467 |
| #2        | 1699.643 | 21626.50 | 2386.598 | 1423.965 | 1771.609 |
| #3        | 1697.694 | 21353.36 | 2398.091 | 1411.603 | 1772.124 |

Sample Name: P5156-03DLX2      Acquired: 12/30/2024 21:35:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Q8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0152049 | .0256635 | .0516055 | -.029314 | -.007544 | 23.66781 | .6052085 |
| Stddev | .0062026 | .0023910 | .0012159 | .009241  | .001679  | .06333   | .0019913 |
| %RSD   | 40.79329 | 9.316790 | 2.356227 | 31.52301 | 22.26284 | .2675737 | .3290344 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0179780 | .0239659 | .0530074 | -.025240 | -.008693 | 23.59549 | .6029584 |
| #2 | .0195371 | .0283979 | .0509710 | -.022811 | -.005616 | 23.71337 | .6059238 |
| #3 | .0080996 | .0246267 | .0508381 | -.039892 | -.008322 | 23.69456 | .6067435 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023656 | .0019266 | 798.9207 | .0523173 | .0701217 | .0564589 | 58.65355 |
| Stddev | .0000826 | .0001810 | 1.0124   | .0007460 | .0006982 | .0099661 | .22730   |
| %RSD   | 3.493343 | 9.397244 | .1267191 | 1.425871 | .9957454 | 17.65200 | .3875353 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0023264 | .0021355 | 797.8874 | .0519234 | .0699016 | .0478826 | 58.52527 |
| #2 | .0024605 | .0018164 | 798.9639 | .0518509 | .0709035 | .0541018 | 58.91599 |
| #3 | .0023098 | .0018278 | 799.9108 | .0531777 | .0695601 | .0673923 | 58.51939 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.334500 | 328.4756 | .0944756 | -.002377 | .8358044 | .0858686 | .1810534 |
| Stddev | .005285  | .4297    | .0006302 | .001075  | .0216423 | .0068611 | .0004912 |
| %RSD   | .3960360 | .1308241 | .6670883 | 45.22483 | 2.589398 | 7.990280 | .2713139 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.340387 | 327.9919 | .0939734 | -.001258 | .8460904 | .0795216 | .1813937 |
| #2 | 1.332948 | 328.6219 | .0942705 | -.003401 | .8109374 | .0931484 | .1812763 |
| #3 | 1.330164 | 328.8132 | .0951828 | -.002471 | .8503855 | .0849356 | .1804903 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.305930 | 1.420145 | -.098990 | .0257616 | 12.27692 | 4.688773 | .0144577 |
| Stddev | .099077  | .015993  | .002988  | .0001837 | .01267   | .041019  | .0031299 |
| %RSD   | 2.300932 | 1.126174 | 3.018010 | .7130623 | .1031624 | .8748280 | 21.64908 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.418821 | 1.415499 | -.098354 | .0259317 | 12.28064 | 4.716574 | .0126363 |
| #2 | 4.233423 | 1.406988 | -.096371 | .0257864 | 12.26281 | 4.641663 | .0180718 |
| #3 | 4.265548 | 1.437946 | -.102244 | .0255668 | 12.28730 | 4.708081 | .0126649 |

Sample Name: P5156-03DLX2      Acquired: 12/30/2024 21:35:32      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28Q8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6108719 | 7.050066 | .0455273 |
| Stddev | .0013332 | .015134  | .0010009 |
| %RSD   | .2182416 | .2146652 | 2.198374 |
| #1     | .6115448 | 7.034001 | .0444130 |
| #2     | .6117345 | 7.064055 | .0463499 |
| #3     | .6093364 | 7.052143 | .0458190 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1595.266 | 20166.36 | 2301.545 | 1319.423 | 1659.848 |
| Stddev    | 6.329    | 59.95    | 10.373   | 3.552    | 6.286    |
| %RSD      | .3967265 | .2972968 | .4506925 | .2692431 | .3787067 |
| #1        | 1594.484 | 20205.19 | 2298.680 | 1317.358 | 1661.440 |
| #2        | 1601.950 | 20097.31 | 2313.049 | 1317.387 | 1665.185 |
| #3        | 1589.365 | 20196.58 | 2292.906 | 1323.525 | 1652.919 |

Sample Name: P5156-08DLX2      Acquired: 12/30/2024 21:39:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0436121 | -.018080 | .2487736 | .0388478 | .0202248 | 44.17257 | .4651570 |
| Stddev | .0009179 | .002506  | .0004843 | .0038496 | .0027029 | .03297   | .0010411 |
| %RSD   | 2.104765 | 13.86020 | .1946691 | 9.909481 | 13.36410 | .0746465 | .2238246 |
| #1     | .0446679 | -.018746 | .2482194 | .0401509 | .0176520 | 44.21060 | .4644300 |
| #2     | .0430030 | -.020186 | .2491149 | .0345158 | .0199810 | 44.15522 | .4663497 |
| #3     | .0431654 | -.015309 | .2489867 | .0418767 | .0230412 | 44.15190 | .4646912 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0051728 | .0035153 | 444.3647 | .6193211 | .0832892 | .0946451 | 181.2196 |
| Stddev | .0001534 | .0001761 | .3899    | .0019825 | .0006061 | .0101688 | .5515    |
| %RSD   | 2.966155 | 5.009200 | .0877422 | .3201033 | .7277596 | 10.74408 | .3043263 |
| #1     | .0053019 | .0033248 | 444.8134 | .6197019 | .0828037 | .0947800 | 181.7550 |
| #2     | .0050031 | .0036722 | 444.1729 | .6210856 | .0830952 | .0844096 | 181.2505 |
| #3     | .0052133 | .0035488 | 444.1079 | .6171759 | .0839686 | .1047458 | 180.6533 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 11.62425 | 135.2717 | .2621750 | -.005116 | .8142329 | .2157034 | .7485596 |
| Stddev | .00702   | .4700    | .0013548 | .000375  | .0181501 | .0038198 | .0030849 |
| %RSD   | .0603882 | .3474609 | .5167427 | 7.329022 | 2.229104 | 1.770873 | .4121163 |
| #1     | 11.63222 | 135.8048 | .2623907 | -.005075 | .8073543 | .2200351 | .7521199 |
| #2     | 11.62158 | 134.9171 | .2634090 | -.004764 | .8005276 | .2142577 | .7466804 |
| #3     | 11.61897 | 135.0931 | .2607253 | -.005510 | .8348169 | .2128175 | .7468784 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.725057 | 2.769844 | -.355375 | .0197220 | 4.149095 | 6.053384 | .0325622 |
| Stddev | .010478  | .010644  | .005571  | .0003704 | .001892  | .050958  | .0014179 |
| %RSD   | .1558068 | .3842848 | 1.567684 | 1.877926 | .0455889 | .8418049 | 4.354529 |
| #1     | 6.729988 | 2.778662 | -.359787 | .0195144 | 4.151154 | 6.094530 | .0341238 |
| #2     | 6.732161 | 2.758021 | -.349115 | .0195020 | 4.148696 | 5.996384 | .0313553 |
| #3     | 6.713024 | 2.772849 | -.357222 | .0201496 | 4.147435 | 6.069239 | .0322076 |

Sample Name: P5156-08DLX2      Acquired: 12/30/2024 21:39:25      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.167871 | .7497202 | .0600868 |
| Stddev | .011792  | .0022764 | .0038436 |
| %RSD   | 1.009710 | .3036305 | 6.396788 |
| #1     | 1.155620 | .7474179 | .0587211 |
| #2     | 1.168848 | .7497731 | .0571126 |
| #3     | 1.179143 | .7519697 | .0644268 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1675.154 | 21214.72 | 2397.722 | 1395.228 | 1766.680 |
| Stddev    | 4.487    | 76.88    | 16.762   | 8.426    | 7.511    |
| %RSD      | .2678391 | .3624119 | .6990760 | .6039413 | .4251341 |
| #1        | 1680.056 | 21177.37 | 2382.237 | 1385.963 | 1774.901 |
| #2        | 1674.157 | 21163.64 | 2415.520 | 1397.288 | 1764.960 |
| #3        | 1671.250 | 21303.14 | 2395.408 | 1402.433 | 1760.178 |

Sample Name: P5156-10DLX2      Acquired: 12/30/2024 21:43:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0655687 | -.103169 | .4832778 | .2046957 | .0857918 | 34.69360 |
| Stddev | .0016019 | .003566  | .0034799 | .0059507 | .0036187 | .03331   |
| %RSD   | 2.443093 | 3.456936 | .7200712 | 2.907115 | 4.217947 | .0960100 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0639209 | -.107228 | .4868896 | .2110749 | .0883663 | 34.71633 |
| #2 | .0656647 | -.100536 | .4829970 | .1992946 | .0873548 | 34.65537 |
| #3 | .0671204 | -.101742 | .4799468 | .2037177 | .0816543 | 34.70911 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5667293 | .0083298 | .0066299 | 638.1728 | .8336270 | .0838528 |
| Stddev | .0017236 | .0000897 | .0001014 | 1.2776   | .0027488 | .0006587 |
| %RSD   | .3041381 | 1.076980 | 1.530046 | .2002014 | .3297381 | .7855615 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5687019 | .0084100 | .0067275 | 639.6091 | .8367271 | .0842896 |
| #2 | .5655134 | .0083466 | .0065250 | 637.1629 | .8314873 | .0830952 |
| #3 | .5659726 | .0082329 | .0066372 | 637.7464 | .8326666 | .0841737 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1204210 | 484.1999 | 19.04694 | 245.0276 | .2690713 | -.013950 |
| Stddev | .0145137 | .9846    | .05544   | .6363    | .0006859 | .001595  |
| %RSD   | 12.05244 | .2033470 | .2910910 | .2597031 | .2549251 | 11.43625 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1113763 | 485.1892 | 19.08574 | 245.4564 | .2686850 | -.015444 |
| #2 | .1371618 | 483.2201 | 18.98344 | 244.2965 | .2686656 | -.012269 |
| #3 | .1127248 | 484.1903 | 19.07164 | 245.3300 | .2698633 | -.014138 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.031115 | .3282792 | 1.781497 | 3.098682 | 2.920257 | F -1.11386 |
| Stddev | .008327  | .0051153 | .003343  | .131242  | .005439  | .00345     |
| %RSD   | .8075713 | 1.558217 | .1876273 | 4.235401 | .1862435 | .3098428   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.021994 | .3274353 | 1.785348 | 2.975409 | 2.926182 | -1.11113 |
| #2 | 1.038309 | .3337639 | 1.779802 | 3.083983 | 2.915491 | -1.11773 |
| #3 | 1.033043 | .3236383 | 1.779342 | 3.236654 | 2.919097 | -1.11271 |

Sample Name: P5156-10DLX2      Acquired: 12/30/2024 21:43:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0143375 | 5.781396 | 3.760924 | .0510969 | 1.177303 | 1.553200 |
| Stddev | .0002772 | .015498  | .018419  | .0007092 | .009074  | .004531  |
| %RSD   | 1.933455 | .2680665 | .4897515 | 1.387923 | .7707020 | .2917244 |
| #1     | .0141682 | 5.792871 | 3.781246 | .0502847 | 1.186367 | 1.558369 |
| #2     | .0141870 | 5.787550 | 3.745329 | .0514120 | 1.168220 | 1.549914 |
| #3     | .0146575 | 5.763766 | 3.756196 | .0515938 | 1.177323 | 1.551318 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0354645 |
| Stddev | .0034974 |
| %RSD   | 9.861785 |
| #1     | .0315827 |
| #2     | .0383701 |
| #3     | .0364406 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1610.925 | 20516.68 | 2311.629 | 1343.515 | 1739.902 |
| Stddev    | 6.574    | 54.40    | 13.853   | 1.179    | 5.959    |
| %RSD      | .4080749 | .2651723 | .5992740 | .0877286 | .3424711 |
| #1        | 1616.428 | 20456.31 | 2295.981 | 1343.146 | 1746.669 |
| #2        | 1612.701 | 20561.90 | 2322.326 | 1344.834 | 1737.596 |
| #3        | 1603.645 | 20531.84 | 2316.580 | 1342.566 | 1735.442 |

Sample Name: P5156-11DLX2      Acquired: 12/30/2024 21:47:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0298745 | .0055538 | .1342092 | -.004738 | .0036748 | 36.41970 | .2768377 |
| Stddev | .0036547 | .0053823 | .0021739 | .009655  | .0000663 | .23575   | .0036001 |
| %RSD   | 12.23352 | 96.91181 | 1.619780 | 203.7708 | 1.804584 | .6473266 | 1.300434 |
| #1     | .0340011 | .0020816 | .1352301 | .005837  | .0037189 | 36.38060 | .2765754 |
| #2     | .0285762 | .0028259 | .1317127 | -.013083 | .0037070 | 36.67256 | .2805617 |
| #3     | .0270461 | .0117539 | .1356847 | -.006968 | .0035985 | 36.20594 | .2733759 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038329 | .0037703 | 455.6713 | .1548305 | .0790255 | .0871220 | 105.0463 |
| Stddev | .0000456 | .0001758 | 2.7886   | .0004926 | .0000824 | .0041519 | .8745    |
| %RSD   | 1.188412 | 4.662573 | .6119866 | .3181575 | .1043253 | 4.765643 | .8324733 |
| #1     | .0038508 | .0037956 | 455.4129 | .1548492 | .0789304 | .0918168 | 104.8201 |
| #2     | .0038667 | .0039320 | 458.5802 | .1543287 | .0790768 | .0856156 | 106.0117 |
| #3     | .0037811 | .0035832 | 453.0209 | .1553134 | .0790692 | .0839335 | 104.3072 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.803675 | 160.9573 | .1313899 | -.003167 | .6479362 | .1104206 | .3946864 |
| Stddev | .028370  | 1.3764   | .0005198 | .000668  | .0209918 | .0108570 | .0033896 |
| %RSD   | .7458487 | .8551483 | .3956300 | 21.09884 | 3.239794 | 9.832429 | .8588123 |
| #1     | 3.791911 | 160.6046 | .1319693 | -.002484 | .6710391 | .1221085 | .3973552 |
| #2     | 3.836034 | 162.4757 | .1312360 | -.003820 | .6427365 | .1085032 | .3958316 |
| #3     | 3.783079 | 159.7915 | .1309645 | -.003199 | .6300329 | .1006499 | .3908726 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.333094 | 2.253455 | -.218318 | .0135274 | 9.090645 | 5.668397 | .0118866 |
| Stddev | .091496  | .018776  | .002582  | .0004724 | .051884  | .032812  | .0012703 |
| %RSD   | 2.111554 | .8332011 | 1.182611 | 3.492288 | .5707380 | .5788636 | 10.68716 |
| #1     | 4.262696 | 2.254782 | -.218088 | .0131646 | 9.133522 | 5.695421 | .0125143 |
| #2     | 4.436517 | 2.271533 | -.215859 | .0140616 | 9.105444 | 5.677884 | .0127208 |
| #3     | 4.300069 | 2.234052 | -.221007 | .0133560 | 9.032970 | 5.631887 | .0104246 |



Sample Name: P5156-11DLX2      Acquired: 12/30/2024 21:47:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3802295 | .6534186 | .0525068 |
| Stddev | .0035621 | .0038711 | .0023627 |
| %RSD   | .9368346 | .5924442 | 4.499760 |
| #1     | .3839848 | .6503183 | .0500911 |
| #2     | .3798050 | .6577575 | .0526167 |
| #3     | .3768986 | .6521801 | .0548127 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1664.131 | 21106.66 | 2336.836 | 1386.828 | 1758.951 |
| Stddev    | 8.185    | 121.08   | 22.671   | 11.165   | 7.990    |
| %RSD      | .4918657 | .5736694 | .9701694 | .8050443 | .4542533 |
| #1        | 1658.649 | 21100.81 | 2331.109 | 1386.420 | 1754.589 |
| #2        | 1660.205 | 20988.61 | 2317.577 | 1375.873 | 1754.090 |
| #3        | 1673.540 | 21230.56 | 2361.821 | 1398.191 | 1768.172 |

Sample Name: P5156-12DLX2      Acquired: 12/30/2024 21:50:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0359000 | -.006188 | .1704069 | .0353143 | .0157568 | 35.89278 | .3943828 |
| Stddev | .0032786 | .002379  | .0014222 | .0072221 | .0029279 | .03800   | .0016666 |
| %RSD   | 9.132663 | 38.44543 | .8345958 | 20.45098 | 18.58158 | .1058670 | .4225922 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0393691 | -.008439 | .1706041 | .0330891 | .0191340 | 35.93653 | .3928787 |
| #2 | .0354783 | -.003699 | .1717201 | .0294667 | .0139326 | 35.86798 | .3961745 |
| #3 | .0328527 | -.006426 | .1688963 | .0433872 | .0142038 | 35.87384 | .3940953 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0033945 | .0023001 | 482.9991 | .7824974 | .0772708 | .0997968 | 162.4807 |
| Stddev | .0000308 | .0001549 | .7230    | .0023379 | .0005975 | .0080647 | .3571    |
| %RSD   | .9066548 | 6.735703 | .1496883 | .2987784 | .7732474 | 8.081079 | .2197921 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0034258 | .0021683 | 483.4784 | .7813218 | .0767933 | .0938051 | 162.5253 |
| #2 | .0033643 | .0022614 | 483.3515 | .7851898 | .0770783 | .0966190 | 162.8134 |
| #3 | .0033934 | .0024708 | 482.1675 | .7809806 | .0779408 | .1089662 | 162.1033 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.04905 | 177.9685 | .2445837 | -.004754 | .6190464 | .2679697 | .4537720 |
| Stddev | .03543   | .2095    | .0010291 | .000590  | .0259995 | .0094868 | .0024845 |
| %RSD   | .1962987 | .1176935 | .4207485 | 12.41262 | 4.199924 | 3.540266 | .5475259 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 18.07737 | 178.0329 | .2448188 | -.005242 | .5945507 | .2788557 | .4559455 |
| #2 | 18.06044 | 178.1381 | .2434575 | -.004921 | .6463257 | .2614678 | .4543068 |
| #3 | 18.00932 | 177.7344 | .2454750 | -.004098 | .6162629 | .2635855 | .4510636 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.312877 | 2.660731 | -.333755 | .0157389 | 5.002442 | 6.198059 | .0195721 |
| Stddev | .109105  | .009357  | .000404  | .0005271 | .018361  | .018130  | .0024084 |
| %RSD   | 3.293372 | .3516659 | .1209450 | 3.349248 | .3670357 | .2925115 | 12.30551 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.279865 | 2.654129 | -.333733 | .0153009 | 4.987870 | 6.211300 | .0201636 |
| #2 | 3.434676 | 2.671439 | -.334170 | .0163239 | 4.996392 | 6.205482 | .0216297 |
| #3 | 3.224090 | 2.656624 | -.333363 | .0155920 | 5.023064 | 6.177396 | .0169230 |

Sample Name: P5156-12DLX2      Acquired: 12/30/2024 21:50:52      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28T8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .9866734 | .6512038 | .0440762 |
| Stddev | .0055309 | .0008807 | .0026529 |
| %RSD   | .5605622 | .1352452 | 6.018976 |
| #1     | .9912820 | .6519622 | .0410742 |
| #2     | .9805400 | .6514114 | .0450491 |
| #3     | .9881981 | .6502379 | .0461054 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1640.869 | 20918.37 | 2337.432 | 1370.011 | 1746.729 |
| Stddev    | 4.655    | 83.42    | 6.244    | 4.660    | 4.579    |
| %RSD      | .2836790 | .3987947 | .2671300 | .3401483 | .2621380 |
| #1        | 1643.251 | 20968.62 | 2338.740 | 1370.990 | 1749.558 |
| #2        | 1643.851 | 20822.07 | 2330.638 | 1364.939 | 1749.183 |
| #3        | 1635.505 | 20964.42 | 2342.919 | 1374.104 | 1741.447 |

Sample Name: P5156-14DLX2      Acquired: 12/30/2024 21:58:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |            |
|--------|----------|----------|------------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203     | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | .0989572 | -.151520 | 2.083272   | .3447981 | .1457724 | 41.27661   |
| Stddev | .0013153 | .008851  | .004644    | .0183992 | .0083482 | 1.39151    |
| %RSD   | 1.329206 | 5.841683 | .2229134   | 5.336226 | 5.726849 | 3.371177   |
| #1     | .0996554 | -.152781 | 2.084761   | .3638433 | .1462542 | 41.96431   |
| #2     | .0974400 | -.142105 | 2.078066   | .3271213 | .1371938 | 39.67515   |
| #3     | .0997762 | -.159673 | 2.086988   | .3434298 | .1538693 | 42.19038   |
| Elem   | Ba4934   | Be2348   | Cd2144     | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | .6211474 | .0111185 | .0166347   | 408.0440 | 2.179901 | .0778564   |
| Stddev | .0230896 | .0004327 | .0004649   | 13.5430  | .008681  | .0010259   |
| %RSD   | 3.717246 | 3.891878 | 2.794862   | 3.319004 | .3982366 | 1.317691   |
| #1     | .6334021 | .0111818 | .0163096   | 414.6860 | 2.177794 | .0787231   |
| #2     | .5945141 | .0106576 | .0171673   | 392.4622 | 2.189442 | .0781225   |
| #3     | .6355260 | .0115161 | .0164273   | 416.9836 | 2.172468 | .0767237   |
| Elem   | Cu3247   | Fe2598   | Mn2576     | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | .1720125 | 704.6971 | F 46.67829 | 73.52433 | .5143280 | -.025220   |
| Stddev | .0056276 | 23.6323  | 1.56157    | 2.43938  | .0006919 | .002511    |
| %RSD   | 3.271606 | 3.353544 | 3.345388   | 3.317790 | .1345229 | 9.958395   |
| #1     | .1673068 | 716.4446 | 47.42436   | 74.63154 | .5149510 | -.023938   |
| #2     | .1704843 | 677.4930 | 44.88363   | 70.72771 | .5144495 | -.028113   |
| #3     | .1782463 | 720.1536 | 47.72689   | 75.21376 | .5135834 | -.023608   |
| Elem   | Na8183   | V_2924   | Zn2138     | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm        |
| Avg    | 1.483725 | .5846944 | 6.686058   | 4.125433 | 4.805451 | F -1.55689 |
| Stddev | .060162  | .0164831 | .015625    | .357613  | .016156  | .04345     |
| %RSD   | 4.054817 | 2.819102 | .2336932   | 8.668495 | .3362074 | 2.790566   |
| #1     | 1.527128 | .5852182 | 6.680695   | 4.093017 | 4.790522 | -1.58103   |
| #2     | 1.415049 | .5679556 | 6.703658   | 3.785131 | 4.822604 | -1.50673   |
| #3     | 1.508998 | .6009094 | 6.673821   | 4.498150 | 4.803227 | -1.58291   |

Sample Name: P5156-14DLX2      Acquired: 12/30/2024 21:58:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W0      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0318705 | 4.395835 | 6.650357 | .1043076 | 3.046175 | .2379554 |
| Stddev | .0001500 | .012505  | .216950  | .0017369 | .102032  | .0085759 |
| %RSD   | .4706342 | .2844799 | 3.262234 | 1.665147 | 3.349515 | 3.603986 |
| #1     | .0320437 | 4.384817 | 6.746970 | .1032026 | 3.088250 | .2414057 |
| #2     | .0317818 | 4.393260 | 6.401883 | .1034106 | 2.929833 | .2281917 |
| #3     | .0317861 | 4.409427 | 6.802218 | .1063096 | 3.120441 | .2442687 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0285478 |
| Stddev | .0024739 |
| %RSD   | 8.665985 |
| #1     | .0292964 |
| #2     | .0257861 |
| #3     | .0305610 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1609.552 | 20407.64 | 2346.748 | 1333.894 | 1812.440 |
| Stddev    | 4.548    | 113.14   | 69.268   | 8.653    | 4.571    |
| %RSD      | .2825361 | .5544162 | 2.951677 | .6487034 | .2521874 |
| #1        | 1607.109 | 20383.81 | 2307.020 | 1331.536 | 1808.137 |
| #2        | 1606.748 | 20308.30 | 2426.732 | 1326.664 | 1811.945 |
| #3        | 1614.799 | 20530.79 | 2306.494 | 1343.482 | 1817.238 |

Sample Name: P5156-15DLX2      Acquired: 12/30/2024 22:02:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0801370 | -.099575 | 1.603064 | .2095568 | .0958661 | 54.18059 |
| Stddev | .0024845 | .006529  | .002218  | .0066471 | .0056738 | 2.30199  |
| %RSD   | 3.100301 | 6.556661 | .1383385 | 3.171964 | 5.918500 | 4.248742 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0787232 | -.093030 | 1.604893 | .2030497 | .0896733 | 51.90536 |
| #2 | .0830058 | -.099609 | 1.603702 | .2092851 | .1008144 | 54.12797 |
| #3 | .0786821 | -.106088 | 1.600598 | .2163355 | .0971105 | 56.50844 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5141317 | .0095931 | .0119745 | 352.1083 | 1.965954 | .0803627 |
| Stddev | .0224418 | .0000291 | .0005512 | 15.4188  | .008605  | .0004715 |
| %RSD   | 4.364986 | .3027971 | 4.603531 | 4.378987 | .4377222 | .5866621 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4923915 | .0095619 | .0126077 | 336.4600 | 1.974156 | .0798557 |
| #2 | .5127889 | .0096194 | .0117143 | 352.5780 | 1.956996 | .0804444 |
| #3 | .5372147 | .0095980 | .0116016 | 367.2869 | 1.966711 | .0807879 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1768318 | 479.6143 | 28.39859 | 63.98487 | .4506056 | -.016000 |
| Stddev | .0048138 | 19.9297  | 1.22858  | 2.56575  | .0010449 | .001633  |
| %RSD   | 2.722252 | 4.155366 | 4.326194 | 4.009936 | .2318809 | 10.20561 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1721417 | 460.0272 | 27.19320 | 61.37336 | .4496280 | -.017885 |
| #2 | .1765934 | 478.9457 | 28.35346 | 64.07897 | .4517067 | -.015057 |
| #3 | .1817604 | 499.8699 | 29.64911 | 66.50227 | .4504819 | -.015057 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.543069 | .4078499 | 4.776826 | 7.009490 | 3.633148 | F -1.02071 |
| Stddev | .049743  | .0189953 | .011219  | .540103  | .008780  | .03805     |
| %RSD   | 3.223668 | 4.657428 | .2348727 | 7.705319 | .2416736 | 3.728095   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.488460 | .3868974 | 4.788651 | 6.518217 | 3.642955 | -.98147  |
| #2 | 1.554952 | .4127077 | 4.766331 | 6.922409 | 3.626017 | -1.02321 |
| #3 | 1.585794 | .4239446 | 4.775497 | 7.587842 | 3.630473 | -1.05745 |

Sample Name: P5156-15DLX2      Acquired: 12/30/2024 22:02:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0332107 | 3.654614 | 5.771964 | .0751159 | 2.243606 | .4070586 |
| Stddev | .0006769 | .007177  | .210810  | .0031025 | .096890  | .0202247 |
| %RSD   | 2.038195 | .1963695 | 3.652306 | 4.130228 | 4.318476 | 4.968509 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0327977 | 3.650876 | 5.563411 | .0754851 | 2.149027 | .3850983 |
| #2 | .0328425 | 3.662888 | 5.767521 | .0718453 | 2.239140 | .4111577 |
| #3 | .0339919 | 3.650078 | 5.984960 | .0780172 | 2.342652 | .4249198 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0555015 |
| Stddev | .0039650 |
| %RSD   | 7.143906 |

|    |          |
|----|----------|
| #1 | .0521489 |
| #2 | .0544776 |
| #3 | .0598780 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1645.795 | 20827.53 | 2419.693 | 1362.461 | 1812.400 |
| Stddev    | 2.677    | 71.44    | 85.629   | 1.653    | 4.601    |
| %RSD      | .1626630 | .3429894 | 3.538828 | .1213058 | .2538389 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1642.707 | 20797.19 | 2509.065 | 1364.212 | 1807.424 |
| #2 | 1647.218 | 20909.13 | 2411.636 | 1362.243 | 1813.277 |
| #3 | 1647.461 | 20776.27 | 2338.377 | 1360.928 | 1816.498 |

Sample Name: P5156-16DLX2      Acquired: 12/30/2024 22:06:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0746995 | -.080025 | 1.935774 | .1894079 | .0788561 | 67.49574 | .6709631 |
| Stddev | .0044319 | .006231  | .008160  | .0098367 | .0058930 | .50452   | .0048464 |
| %RSD   | 5.932992 | 7.786646 | .4215206 | 5.193371 | 7.473063 | .7474829 | .7223006 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0794210 | -.082599 | 1.936148 | .1856837 | .0720753 | 67.30788 | .6722380 |
| #2 | .0706292 | -.072919 | 1.927434 | .1819771 | .0817545 | 67.11211 | .6656067 |
| #3 | .0740481 | -.084557 | 1.943741 | .2005628 | .0827386 | 68.06724 | .6750446 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0136216 | .0114788 | 436.5258 | 1.478713 | .0812625 | .1828757 | 425.0692 |
| Stddev | .0003201 | .0002047 | 4.1576   | .006333  | .0002025 | .0104183 | 3.7157   |
| %RSD   | 2.349794 | 1.783379 | .9524384 | .4282775 | .2492096 | 5.696910 | .8741347 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0139848 | .0116108 | 436.0992 | 1.479425 | .0814836 | .1708998 | 424.8221 |
| #2 | .0133809 | .0115825 | 432.5980 | 1.472054 | .0810860 | .1898500 | 421.4833 |
| #3 | .0134989 | .0112430 | 440.8804 | 1.484660 | .0812179 | .1878774 | 428.9023 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.70454 | 106.8619 | .5582515 | -.011926 | 1.587650 | .2878696 | 4.039165 |
| Stddev | .18947   | .8244    | .0002757 | .000629  | .031475  | .0067241 | .039679  |
| %RSD   | .8729313 | .7714336 | .0493920 | 5.276151 | 1.982464 | 2.335830 | .9823608 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 21.69457 | 106.9869 | .5585084 | -.012054 | 1.622481 | .2830425 | 4.081775 |
| #2 | 21.52026 | 105.9821 | .5582860 | -.012481 | 1.561249 | .2850165 | 4.003274 |
| #3 | 21.89880 | 107.6165 | .5579602 | -.011242 | 1.579219 | .2955499 | 4.032446 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.419586 | 3.168529 | -.806927 | .0448185 | 5.022106 | 6.557522 | .0691507 |
| Stddev | .117263  | .004791  | .004641  | .0010207 | .013149  | .062082  | .0019901 |
| %RSD   | 1.826642 | .1512006 | .5751518 | 2.277474 | .2618164 | .9467333 | 2.877964 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 6.335260 | 3.163631 | -.811908 | .0436399 | 5.032705 | 6.598127 | .0711096 |
| #2 | 6.553496 | 3.173205 | -.802724 | .0454156 | 5.007392 | 6.486057 | .0692119 |
| #3 | 6.370003 | 3.168752 | -.806149 | .0454001 | 5.026220 | 6.588382 | .0671307 |



Sample Name: P5156-16DLX2      Acquired: 12/30/2024 22:06:02      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.579061 | .5568599 | .0673977 |
| Stddev | .019972  | .0063046 | .0064160 |
| %RSD   | 1.264827 | 1.132167 | 9.519658 |
| #1     | 1.580248 | .5550162 | .0601081 |
| #2     | 1.558521 | .5516827 | .0698975 |
| #3     | 1.598413 | .5638808 | .0721877 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1720.003 | 21763.29 | 2455.877 | 1425.373 | 1793.207 |
| Stddev    | 4.664    | 30.64    | 18.488   | 10.306   | 4.615    |
| %RSD      | .2711503 | .1407721 | .7528002 | .7230574 | .2573707 |
| #1        | 1716.794 | 21754.17 | 2442.709 | 1413.939 | 1789.387 |
| #2        | 1725.353 | 21797.46 | 2477.013 | 1433.948 | 1798.335 |
| #3        | 1717.862 | 21738.26 | 2447.908 | 1428.232 | 1791.899 |

Sample Name: P5156-17DLX2      Acquired: 12/30/2024 22:09:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0691773 | -.074282 | 1.849179 | .1780454 | .0755592 | 64.74697 | .6429524 |
| Stddev | .0036140 | .004032  | .008324  | .0055563 | .0034827 | .15768   | .0031946 |
| %RSD   | 5.224282 | 5.427813 | .4501473 | 3.120715 | 4.609218 | .2435401 | .4968605 |
| #1     | .0732973 | -.070780 | 1.849403 | .1731107 | .0740210 | 64.67970 | .6425664 |
| #2     | .0665428 | -.073375 | 1.840746 | .1840637 | .0731105 | 64.63407 | .6399684 |
| #3     | .0676917 | -.078690 | 1.857390 | .1769619 | .0795462 | 64.92713 | .6463225 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0129308 | .0110097 | 416.7298 | 1.415950 | .0785036 | .1751125 | 406.6037 |
| Stddev | .0000306 | .0002434 | 1.0992   | .000508  | .0008385 | .0030579 | .9172    |
| %RSD   | .2366873 | 2.210886 | .2637655 | .0358935 | 1.068168 | 1.746220 | .2255805 |
| #1     | .0129488 | .0107820 | 416.6080 | 1.416104 | .0787127 | .1775510 | 406.0783 |
| #2     | .0128955 | .0109810 | 415.6966 | 1.415382 | .0775804 | .1716817 | 406.0701 |
| #3     | .0129483 | .0112662 | 417.8848 | 1.416363 | .0792179 | .1761047 | 407.6628 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 20.75424 | 102.5534 | .5336907 | -.013078 | 1.531801 | .2717231 | 3.849011 |
| Stddev | .03902   | .0990    | .0006804 | .000662  | .015975  | .0147005 | .009778  |
| %RSD   | .1880094 | .0965464 | .1274914 | 5.063232 | 1.042888 | 5.410087 | .2540301 |
| #1     | 20.71515 | 102.4835 | .5343598 | -.013842 | 1.549800 | .2645106 | 3.859446 |
| #2     | 20.75438 | 102.5101 | .5329995 | -.012694 | 1.526300 | .2886368 | 3.847525 |
| #3     | 20.79319 | 102.6667 | .5337127 | -.012697 | 1.519304 | .2620219 | 3.840061 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.119095 | 3.021365 | -.756311 | .0430125 | 4.791702 | 6.336279 | .0669855 |
| Stddev | .097577  | .005070  | .016263  | .0005786 | .005771  | .067869  | .0020441 |
| %RSD   | 1.594624 | .1678160 | 2.150368 | 1.345161 | .1204326 | 1.071123 | 3.051519 |
| #1     | 6.131847 | 3.015684 | -.773382 | .0436788 | 4.791492 | 6.411058 | .0687517 |
| #2     | 6.209669 | 3.022977 | -.754554 | .0427216 | 4.797575 | 6.278583 | .0674582 |
| #3     | 6.015770 | 3.025433 | -.740998 | .0426371 | 4.786040 | 6.319196 | .0647464 |

Sample Name: P5156-17DLX2      Acquired: 12/30/2024 22:09:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.512349 | .5271318 | .0611702 |
| Stddev | .012290  | .0028688 | .0034037 |
| %RSD   | .8126625 | .5442280 | 5.564289 |
| #1     | 1.503457 | .5259525 | .0591617 |
| #2     | 1.507216 | .5250407 | .0592488 |
| #3     | 1.526373 | .5304024 | .0651001 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1759.234 | 22238.06 | 2526.269 | 1459.718 | 1839.899 |
| Stddev    | 1.214    | 46.49    | 18.688   | .813     | 4.111    |
| %RSD      | .0689971 | .2090346 | .7397357 | .0556749 | .2234399 |
| #1        | 1759.814 | 22290.19 | 2506.128 | 1458.908 | 1844.517 |
| #2        | 1757.839 | 22223.04 | 2543.046 | 1459.712 | 1836.638 |
| #3        | 1760.050 | 22200.93 | 2529.633 | 1460.533 | 1838.540 |

Sample Name: P5156-16LDLX10      Acquired: 12/30/2024 22:13:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0063505 | -.001416 | .4055015 | .0086659 | .0088358 | 14.87211 | .1482259 |
| Stddev | .0050919 | .004340  | .0016988 | .0052616 | .0013874 | .05134   | .0015253 |
| %RSD   | 80.18108 | 306.5469 | .4189249 | 60.71637 | 15.70206 | .3451818 | 1.029036 |
| #1     | .0108501 | .001009  | .4035411 | .0129005 | .0077195 | 14.82816 | .1467043 |
| #2     | .0073784 | -.006427 | .4065408 | .0103217 | .0103891 | 14.85963 | .1482184 |
| #3     | .0008231 | .001170  | .4064225 | .0027756 | .0083988 | 14.92853 | .1497549 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032009 | .0022573 | 95.69223 | .3295771 | .0348715 | .0448146 | 94.12142 |
| Stddev | .0000947 | .0000807 | .32734   | .0014445 | .0003165 | .0093729 | .50505   |
| %RSD   | 2.960180 | 3.574531 | .3420707 | .4382761 | .9075355 | 20.91485 | .5365992 |
| #1     | .0033010 | .0023403 | 95.55935 | .3284875 | .0352122 | .0408719 | 93.54063 |
| #2     | .0031126 | .0022524 | 95.45224 | .3290282 | .0348155 | .0380571 | 94.45761 |
| #3     | .0031892 | .0021791 | 96.06512 | .3312155 | .0345867 | .0555148 | 94.36601 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.811781 | 23.61650 | .1130093 | -.001861 | .3168605 | .0709366 | .8802200 |
| Stddev | .015202  | .19783   | .0007317 | .000761  | .0071779 | .0050663 | .0047356 |
| %RSD   | .3159355 | .8376826 | .6474917 | 40.91669 | 2.265303 | 7.141976 | .5380023 |
| #1     | 4.794344 | 23.40371 | .1136508 | -.002736 | .3170012 | .0678117 | .8850102 |
| #2     | 4.818747 | 23.65091 | .1131646 | -.001495 | .3239670 | .0767820 | .8755410 |
| #3     | 4.822252 | 23.79486 | .1122123 | -.001351 | .3096134 | .0682161 | .8801088 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.196017 | .6275737 | -.183450 | .0110185 | 1.004855 | 1.886039 | .0147048 |
| Stddev | .090951  | .0013933 | .005072  | .0001040 | .011439  | .034234  | .0012580 |
| %RSD   | 7.604517 | .2220174 | 2.765005 | .9439813 | 1.138333 | 1.815102 | 8.555018 |
| #1     | 1.243067 | .6291551 | -.177881 | .0109201 | 1.012169 | 1.908817 | .0135450 |
| #2     | 1.091179 | .6265264 | -.187807 | .0110080 | .991673  | 1.846671 | .0160421 |
| #3     | 1.253806 | .6270396 | -.184661 | .0111273 | 1.010723 | 1.902629 | .0145273 |

Sample Name: P5156-16LDLX10      Acquired: 12/30/2024 22:13:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3605445 | .1182684 | .0006471 |
| Stddev | .0026214 | .0011608 | .0056823 |
| %RSD   | .7270533 | .9814960 | 878.1404 |
| #1     | .3589726 | .1193886 | -.005530 |
| #2     | .3635706 | .1170709 | .001820  |
| #3     | .3590902 | .1183457 | .005651  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1682.148 | 21151.66 | 2329.112 | 1402.638 | 1909.937 |
| Stddev    | .835     | 53.08    | 7.060    | 2.015    | .453     |
| %RSD      | .0496655 | .2509602 | .3031271 | .1436505 | .0237342 |
| #1        | 1682.259 | 21187.03 | 2325.706 | 1401.903 | 1910.364 |
| #2        | 1682.922 | 21090.62 | 2337.230 | 1404.917 | 1909.987 |
| #3        | 1681.263 | 21177.34 | 2324.402 | 1401.094 | 1909.461 |

Sample Name: P5156-18DLX2      Acquired: 12/30/2024 22:17:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1149824 | -.032801 | 1.918163 | .2640540 | .1671053 | 68.16601 | 2.556126 |
| Stddev | .0030393 | .003694  | .006597  | .0142767 | .0004853 | .15269   | .005121  |
| %RSD   | 2.643261 | 11.26099 | .3439123 | 5.406730 | .2903935 | .2239950 | .2003495 |
| #1     | .1152157 | -.034953 | 1.925476 | .2492051 | .1673325 | 68.23568 | 2.557786 |
| #2     | .1178982 | -.034915 | 1.912661 | .2652771 | .1674352 | 67.99091 | 2.550380 |
| #3     | .1118331 | -.028536 | 1.916353 | .2776797 | .1665481 | 68.27144 | 2.560211 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0610758 | .0610425 | 427.9620 | 1.648656 | .5736895 | .4021199 | 418.5131 |
| Stddev | .0007270 | .0001692 | 1.3407   | .004715  | .0009254 | .0046638 | .4019    |
| %RSD   | 1.190314 | .2772085 | .3132761 | .2860184 | .1613125 | 1.159803 | .0960357 |
| #1     | .0615498 | .0610813 | 426.9513 | 1.653554 | .5740845 | .3991366 | 418.7561 |
| #2     | .0602388 | .0608573 | 427.4518 | 1.648269 | .5726321 | .4074943 | 418.0492 |
| #3     | .0614388 | .0611889 | 429.4829 | 1.644147 | .5743519 | .3997287 | 418.7340 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 21.82415 | 104.9287 | 1.053552 | .0250554 | 1.579294 | .7759416 | 4.395766 |
| Stddev | .00744   | .2181    | .000399  | .0011704 | .018908  | .0074017 | .011121  |
| %RSD   | .0341115 | .2078200 | .0378379 | 4.671069 | 1.197256 | .9538993 | .2529960 |
| #1     | 21.83000 | 105.1297 | 1.053696 | .0257395 | 1.585380 | .7843493 | 4.408437 |
| #2     | 21.81577 | 104.9596 | 1.053102 | .0237040 | 1.558093 | .7704082 | 4.387626 |
| #3     | 21.82668 | 104.6969 | 1.053860 | .0257227 | 1.594411 | .7730673 | 4.391235 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.243177 | 3.095040 | -.789260 | .0437371 | 4.938149 | 6.386249 | .0673428 |
| Stddev | .068434  | .002880  | .007057  | .0007240 | .005305  | .067379  | .0011539 |
| %RSD   | 1.096133 | .0930623 | .8940985 | 1.655371 | .1074291 | 1.055071 | 1.713452 |
| #1     | 6.166467 | 3.098290 | -.796235 | .0432393 | 4.938714 | 6.427427 | .0685116 |
| #2     | 6.297957 | 3.094028 | -.782124 | .0445676 | 4.932584 | 6.308491 | .0662045 |
| #3     | 6.265109 | 3.092802 | -.789422 | .0434043 | 4.943149 | 6.422829 | .0673122 |

Sample Name: P5156-18DLX2      Acquired: 12/30/2024 22:17:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.550473 | .5388811 | .0596091 |
| Stddev | .008114  | .0056888 | .0021353 |
| %RSD   | .5233248 | 1.055676 | 3.582192 |
| #1     | 1.546688 | .5334355 | .0572015 |
| #2     | 1.544943 | .5384224 | .0603523 |
| #3     | 1.559788 | .5447854 | .0612735 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1726.463 | 21771.41 | 2464.899 | 1428.424 | 1801.288 |
| Stddev    | 6.819    | 168.39   | 18.934   | 10.737   | 5.609    |
| %RSD      | .3949776 | .7734632 | .7681321 | .7516728 | .3113747 |
| #1        | 1733.674 | 21713.37 | 2443.074 | 1422.771 | 1807.012 |
| #2        | 1725.598 | 21639.71 | 2476.930 | 1421.694 | 1801.051 |
| #3        | 1720.119 | 21961.15 | 2474.692 | 1440.807 | 1795.802 |

Sample Name: P5156-21DLX2      Acquired: 12/30/2024 22:21:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2488316 | -.204089 | 3.785960 | .4100899 | .1980894 | 28.26455 |
| Stddev | .0058147 | .003140  | .008036  | .0041487 | .0024224 | .08670   |
| %RSD   | 2.336807 | 1.538512 | .2122598 | 1.011667 | 1.222868 | .3067310 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2441183 | -.200537 | 3.792479 | .4066164 | .1960297 | 28.16918 |
| #2 | .2553295 | -.206495 | 3.776981 | .4089694 | .1974802 | 28.28587 |
| #3 | .2470472 | -.205235 | 3.788420 | .4146838 | .2007582 | 28.33859 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.659667 | .0146116 | .0187958 | 226.5920 | 1.956574 | .0921555 |
| Stddev | .005577  | .0001949 | .0002833 | .8276    | .004104  | .0002133 |
| %RSD   | .3360579 | 1.333846 | 1.507364 | .3652279 | .2097715 | .2314467 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.653261 | .0144017 | .0188657 | 225.6764 | 1.960456 | .0919100 |
| #2 | 1.662298 | .0147869 | .0184841 | 226.8127 | 1.952279 | .0922954 |
| #3 | 1.663442 | .0146462 | .0190377 | 227.2868 | 1.956988 | .0922612 |

|        |          |            |          |          |          |          |
|--------|----------|------------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598     | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm        | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.666525 | F 844.2688 | 19.30875 | 37.38711 | 1.093237 | -.026725 |
| Stddev | .024674  | 2.2920     | .07262   | .26930   | .001967  | .000743  |
| %RSD   | .3218415 | .2714811   | .3761077 | .7203023 | .1799670 | 2.781738 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.649242 | 841.7105 | 19.23700 | 37.26100 | 1.092037 | -.025867 |
| #2 | 7.655552 | 844.9611 | 19.30704 | 37.20401 | 1.092166 | -.027171 |
| #3 | 7.694783 | 846.1350 | 19.38221 | 37.69632 | 1.095508 | -.027138 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 1.231585 | .1615026 | 10.23224 | 2.891987 | 3.082436 | F -1.92654 |
| Stddev | .013944  | .0087981 | .07120   | .162470  | .005806  | .02496     |
| %RSD   | 1.132172 | 5.447686 | .6958564 | 5.617921 | .1883587 | 1.295686   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.245005 | .1574521 | 10.17653 | 2.761564 | 3.086567 | -1.91008 |
| #2 | 1.217171 | .1715964 | 10.31246 | 2.840413 | 3.075797 | -1.95526 |
| #3 | 1.232579 | .1554592 | 10.20773 | 3.073983 | 3.084943 | -1.91428 |



Sample Name: P5156-21DLX2      Acquired: 12/30/2024 22:21:14      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2064900 | 10.44184 | 5.589936 | .2658563 | .9946852 | -.238619 |
| Stddev | .0004501 | .02780   | .038947  | .0034648 | .0057434 | .000530  |
| %RSD   | .2179586 | .2662310 | .6967257 | 1.303264 | .5774074 | .2223187 |
| #1     | .2059840 | 10.47212 | 5.564720 | .2646431 | .9881209 | -.238020 |
| #2     | .2066404 | 10.41747 | 5.634792 | .2631613 | .9971498 | -.239031 |
| #3     | .2068456 | 10.43594 | 5.570296 | .2697646 | .9987850 | -.238804 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0175640 |
| Stddev | .0011801 |
| %RSD   | 6.718565 |
| #1     | .0186844 |
| #2     | .0176754 |
| #3     | .0163322 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1657.032 | 21061.02 | 2368.928 | 1370.875 | 1905.059 |
| Stddev    | 2.182    | 75.73    | 11.837   | 6.214    | 3.753    |
| %RSD      | .1316665 | .3595733 | .4996885 | .4533057 | .1969993 |
| #1        | 1659.524 | 20976.17 | 2366.661 | 1371.250 | 1907.078 |
| #2        | 1655.465 | 21121.78 | 2358.388 | 1364.481 | 1907.371 |
| #3        | 1656.108 | 21085.10 | 2381.735 | 1376.893 | 1900.729 |

Sample Name: P5156-22DLX2      Acquired: 12/30/2024 22:25:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1772947 | -.142069 | 2.477688 | .2862318 | .1356625 | 34.41898 |
| Stddev | .0032452 | .001283  | .006171  | .0057776 | .0012650 | .14162   |
| %RSD   | 1.830403 | .9027435 | .2490607 | 2.018496 | .9324578 | .4114543 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1758870 | -.140738 | 2.471598 | .2857867 | .1343629 | 34.25632 |
| #2 | .1810061 | -.143296 | 2.477530 | .2806897 | .1357348 | 34.48573 |
| #3 | .1749910 | -.142172 | 2.483937 | .2922191 | .1368897 | 34.51489 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.749840 | .0117589 | .0120631 | 209.0280 | 1.405157 | .0993235 |
| Stddev | .007724  | .0000733 | .0001020 | .6232    | .001360  | .0004128 |
| %RSD   | .4414067 | .6229370 | .8457377 | .2981404 | .0967914 | .4155865 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.741721 | .0116964 | .0120311 | 208.3316 | 1.406117 | .0997919 |
| #2 | 1.750700 | .0117408 | .0121773 | 209.2190 | 1.405752 | .0991655 |
| #3 | 1.757097 | .0118395 | .0119809 | 209.5333 | 1.403600 | .0990130 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.847771 | 616.6116 | 14.20486 | 40.62340 | .8360721 | -.022259 |
| Stddev | .021852  | 2.8771   | .07819   | .17497   | .0017556 | .000855  |
| %RSD   | .5679133 | .4665945 | .5504520 | .4307070 | .2099863 | 3.839808 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.830115 | 613.3556 | 14.12538 | 40.42292 | .8345864 | -.022351 |
| #2 | 3.840988 | 617.6684 | 14.20751 | 40.74533 | .8356206 | -.023064 |
| #3 | 3.872211 | 618.8109 | 14.28169 | 40.70194 | .8380094 | -.021362 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .9056905 | .1660597 | 6.414393 | 4.052277 | 3.460842 | F -1.43012 |
| Stddev | .0204117 | .0078056 | .023382  | .034182  | .010782  | .01091     |
| %RSD   | 2.253719 | 4.700468 | .3645311 | .8435200 | .3115405 | .7629201   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9243088 | .1683099 | 6.426717 | 4.024674 | 3.451458 | -1.43837 |
| #2 | .9088978 | .1573762 | 6.429035 | 4.090511 | 3.458448 | -1.43424 |
| #3 | .8838651 | .1724930 | 6.387426 | 4.041645 | 3.472620 | -1.41775 |

Sample Name: P5156-22DLX2      Acquired: 12/30/2024 22:25:01      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ME28W6      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1462749 | 9.887408 | 6.041185 | .1594482 | .8825770 | .0951648 |
| Stddev | .0009214 | .037216  | .014446  | .0018344 | .0047931 | .0017385 |
| %RSD   | .6299022 | .3763948 | .2391277 | 1.150445 | .5430756 | 1.826855 |
| #1     | .1473387 | 9.875680 | 6.032678 | .1587363 | .8798489 | .0971661 |
| #2     | .1457358 | 9.857469 | 6.057865 | .1615318 | .8797707 | .0940276 |
| #3     | .1457500 | 9.929075 | 6.033011 | .1580766 | .8881113 | .0943007 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .0235481 |
| Stddev | .0026331 |
| %RSD   | 11.18185 |
| #1     | .0253584 |
| #2     | .0205274 |
| #3     | .0247584 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1680.873 | 21370.58 | 2392.006 | 1398.278 | 1886.520 |
| Stddev    | 2.085    | 50.15    | 4.927    | 6.105    | 2.867    |
| %RSD      | .1240347 | .2346881 | .2059797 | .4366192 | .1519846 |
| #1        | 1682.790 | 21331.52 | 2391.284 | 1393.637 | 1889.824 |
| #2        | 1678.653 | 21353.08 | 2387.479 | 1396.004 | 1885.060 |
| #3        | 1681.177 | 21427.14 | 2397.254 | 1405.194 | 1884.678 |

Sample Name: PB165326BL      Acquired: 12/30/2024 22:28:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS326      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001362 | -.003624 | -.002616 | -.000886 | -.001396 | .0058362 |
| Stddev | .004300  | .003767  | .000686  | .004463  | .003031  | .0114976 |
| %RSD   | 315.6879 | 103.9432 | 26.20407 | 503.8674 | 217.1385 | 197.0060 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.001670 | -.000671 | -.003361 | .001037  | .001484  | .0172301 |
| #2 | -.005500 | -.007866 | -.002475 | .002293  | -.004558 | .0060407 |
| #3 | .003084  | -.002335 | -.002012 | -.005987 | -.001114 | -.005762 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020385 | .0002357 | .0000258 | .0029858 | .0001356 | -.000374 |
| Stddev | .0022510 | .0000816 | .0000666 | .0557031 | .0003757 | .000443  |
| %RSD   | 110.4215 | 34.61925 | 258.6403 | 1865.622 | 277.0920 | 118.4038 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.000096 | .0002372 | .0000605 | .0591049 | .0001724 | -.000884 |
| #2 | .001821  | .0001534 | -.000051 | .0021441 | .0004916 | -.000154 |
| #3 | .004390  | .0003165 | .000068  | -.052292 | -.000257 | -.000084 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0109430 | .0158310 | .0019908 | .0011576 | -.000461 | .0003400 |
| Stddev | .0051393 | .0122344 | .0009555 | .0903984 | .000219  | .0007250 |
| %RSD   | 46.96393 | 77.28151 | 47.99710 | 7809.354 | 47.43172 | 213.2119 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0105327 | .0163468 | .0010011 | .0452284 | -.000493 | .0010684 |
| #2 | .0060212 | .0277993 | .0029081 | .0610684 | -.000228 | -.000381 |
| #3 | .0162751 | .0033468 | .0020632 | -.102824 | -.000663 | .000333  |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.039332 | -.003878 | .0029053 | -.417289 | -.003336 | -.004569 |
| Stddev | .017951  | .005247  | .0007346 | .082128  | .002016  | .002724  |
| %RSD   | 45.64014 | 135.2970 | 25.28639 | 19.68141 | 60.44964 | 59.62588 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | -.044899 | -.003302 | .0028588 | -.353194 | -.003709 | -.006981 |
| #2 | -.019257 | -.009389 | .0036620 | -.509867 | -.001159 | -.001614 |
| #3 | -.053840 | .001057  | .0021949 | -.388805 | -.005140 | -.005113 |

Sample Name: PB165326BL      Acquired: 12/30/2024 22:28:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS326      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000654 | .0013822 | .0005515 | -.002579 | -.004720 | -.000231 |
| Stddev | .0002026 | .0022555 | .0006624 | .000593  | .004025  | .000096  |
| %RSD   | 309.7062 | 163.1755 | 120.1104 | 22.99832 | 85.28335 | 41.73264 |
| #1     | -.000012 | .0012962 | .0011809 | -.003095 | -.000173 | -.000161 |
| #2     | .000295  | -.000829 | -.000140 | -.002711 | -.006157 | -.000341 |
| #3     | -.000087 | .003680  | .000613  | -.001931 | -.007828 | -.000191 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F -.022341 |
| Stddev | .002972    |
| %RSD   | 13.30348   |
| #1     | -.021106   |
| #2     | -.020186   |
| #3     | -.025732   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1654.712 | 20699.24 | 2253.207 | 1372.540 | 1948.299 |
| Stddev    | 4.354    | 78.42    | 45.769   | 8.616    | 2.763    |
| %RSD      | .2631058 | .3788339 | 2.031280 | .6277429 | .1418399 |
| #1        | 1652.216 | 20750.17 | 2217.173 | 1374.303 | 1945.580 |
| #2        | 1659.739 | 20608.94 | 2304.705 | 1363.178 | 1951.105 |
| #3        | 1652.180 | 20738.60 | 2237.743 | 1380.138 | 1948.214 |

Sample Name: PB165326BS      Acquired: 12/30/2024 22:32:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS326      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0197018 | .0503997 | .0185482 | .0600995 | .1096520 | .4105000 |
| Stddev | .0018605 | .0017362 | .0040789 | .0065169 | .0029795 | .0058362 |
| %RSD   | 9.443475 | 3.444869 | 21.99078 | 10.84347 | 2.717243 | 1.421729 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0213597 | .0521485 | .0148275 | .0668098 | .1124404 | .4038626 |
| #2 | .0176896 | .0486763 | .0179075 | .0537950 | .1100031 | .4148287 |
| #3 | .0200561 | .0503744 | .0229095 | .0596937 | .1065125 | .4128086 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4090659 | .0106733 | .0099401 | 10.34428 | .0214047 | .1016843 |
| Stddev | .0018470 | .0002431 | .0000244 | .09343   | .0002199 | .0003688 |
| %RSD   | .4515155 | 2.277420 | .2451098 | .9031573 | 1.027479 | .3626558 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4111985 | .0109053 | .0099311 | 10.40394 | .0212822 | .1015167 |
| #2 | .4080151 | .0104205 | .0099677 | 10.39230 | .0216586 | .1021071 |
| #3 | .4079840 | .0106942 | .0099215 | 10.23661 | .0212733 | .1014290 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0584732 | .2272363 | .0320006 | 10.57722 | .0787463 | .0195321 |
| Stddev | .0095398 | .0441638 | .0000239 | .09815   | .0007743 | .0008130 |
| %RSD   | 16.31481 | 19.43518 | .0746805 | .9279578 | .9833283 | 4.162526 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0543245 | .2652089 | .0320027 | 10.67285 | .0781338 | .0200047 |
| #2 | .0517102 | .2377289 | .0320233 | 10.58208 | .0796167 | .0185933 |
| #3 | .0693849 | .1787712 | .0319757 | 10.47673 | .0784884 | .0199983 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 7.349000 | .1054393 | .1208793 | 9.414014 | .0172038 | F -.005717 |
| Stddev | .087998  | .0096133 | .0003216 | .163348  | .0020280 | .001419    |
| %RSD   | 1.197410 | 9.117339 | .2660604 | 1.735156 | 11.78835 | 24.81160   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 7.444716 | .1123293 | .1205249 | 9.596910 | .0167607 | -.007027 |
| #2 | 7.271605 | .1095315 | .1209605 | 9.362495 | .0194167 | -.004210 |
| #3 | 7.330679 | .0944570 | .1211525 | 9.282637 | .0154339 | -.005915 |

Sample Name: PB165326BS      Acquired: 12/30/2024 22:32:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS326      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |            |          |          |          |
|--------|----------|----------|------------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516     | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | .0196597 | .1843814 | F .5037240 | .0124246 | .1978090 | .2098771 |
| Stddev | .0007285 | .0037522 | .0055492   | .0012422 | .0030285 | .0013407 |
| %RSD   | 3.705592 | 2.035038 | 1.101640   | 9.997677 | 1.531016 | .6387958 |
| #1     | .0201213 | .1882336 | .5099466   | .0120599 | .1950485 | .2113948 |
| #2     | .0188199 | .1841726 | .4992886   | .0138083 | .2010484 | .2088539 |
| #3     | .0200380 | .1807379 | .5019367   | .0114056 | .1973300 | .2093826 |

|        |            |
|--------|------------|
| Elem   | Li6707     |
| Units  | ppm        |
| Avg    | F .0071362 |
| Stddev | .0017022   |
| %RSD   | 23.85336   |
| #1     | .0054099   |
| #2     | .0088132   |
| #3     | .0071854   |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1694.332 | 21251.32 | 2299.802 | 1419.981 | 1994.526 |
| Stddev    | 2.533    | 81.86    | 25.323   | 3.383    | 1.158    |
| %RSD      | .1495166 | .3851826 | 1.101116 | .2382212 | .0580387 |
| #1        | 1692.211 | 21299.60 | 2271.132 | 1422.253 | 1995.230 |
| #2        | 1697.137 | 21156.80 | 2309.152 | 1416.094 | 1995.158 |
| #3        | 1693.648 | 21297.54 | 2319.120 | 1421.598 | 1993.190 |

Sample Name: P5027-10A      Acquired: 12/30/2024 22:36:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK22A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1866791 | .0264389 | 5.216219 | .1217514 | -.079311 | 74.62675 |
| Stddev | .0082640 | .0050524 | .008408  | .0019343 | .005297  | .36386   |
| %RSD   | 4.426845 | 19.10971 | .1611929 | 1.588735 | 6.678152 | .4875730 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1925779 | .0309633 | 5.212396 | .1236403 | -.075109 | 74.47334 |
| #2 | .1772338 | .0209870 | 5.225859 | .1197747 | -.077564 | 75.04219 |
| #3 | .1902257 | .0273664 | 5.210401 | .1218393 | -.085261 | 74.36472 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.805254 | .0073835 | .0118945 | 174.8019 | .1608553 | .1167191 |
| Stddev | .015712  | .0001260 | .0001001 | .8473    | .0002834 | .0002164 |
| %RSD   | .5600760 | 1.706433 | .8419606 | .4847224 | .1762020 | .1853916 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 2.801478 | .0073585 | .0119555 | 174.5499 | .1607241 | .1169404 |
| #2 | 2.822510 | .0072719 | .0117789 | 175.7466 | .1611806 | .1167090 |
| #3 | 2.791775 | .0075202 | .0119491 | 174.1091 | .1606613 | .1165080 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5773142 | 172.7262 | 8.124901 | 62.99952 | .1814349 | -.000359 |
| Stddev | .0010451 | 1.2032   | .037333  | .43168   | .0009515 | .000166  |
| %RSD   | .1810299 | .6965968 | .4594839 | .6852162 | .5244078 | 46.29330 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5784754 | 172.1644 | 8.106252 | 62.94859 | .1804499 | -.000194 |
| #2 | .5770185 | 174.1076 | 8.167883 | 63.45441 | .1815060 | -.000526 |
| #3 | .5764489 | 171.9067 | 8.100567 | 62.59557 | .1823488 | -.000357 |

|        |          |          |          |          |            |          |
|--------|----------|----------|----------|----------|------------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm      |
| Avg    | .8965970 | .2174821 | 2.880263 | 7.468761 | F 13.65410 | -.361341 |
| Stddev | .0185992 | .0117547 | .012697  | .086218  | .01899     | .004200  |
| %RSD   | 2.074425 | 5.404916 | .4408411 | 1.154383 | .1390866   | 1.162446 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .8929476 | .2135928 | 2.872508 | 7.434211 | 13.64545 | -.365457 |
| #2 | .9167505 | .2306885 | 2.873365 | 7.405177 | 13.67587 | -.361503 |
| #3 | .8800930 | .2081649 | 2.894916 | 7.566896 | 13.64096 | -.357061 |



Sample Name: P5027-10A      Acquired: 12/30/2024 22:36:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK22A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .0075655 | 3.206377 | 9.454857 | F 10.54572 | 1.279501 | .1256911 |
| Stddev | .0003084 | .003521  | .070233  | .01715     | .011997  | .0003368 |
| %RSD   | 4.076599 | .1098067 | .7428222 | .1626537   | .9376296 | .2679385 |
| #1     | .0074803 | 3.206578 | 9.493723 | 10.52921   | 1.273811 | .1259980 |
| #2     | .0073087 | 3.209793 | 9.497065 | 10.56345   | 1.293284 | .1253308 |
| #3     | .0079076 | 3.202760 | 9.373782 | 10.54451   | 1.271406 | .1257443 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | .1090156 |
| Stddev | .0031006 |
| %RSD   | 2.844216 |
| #1     | .1084309 |
| #2     | .1062490 |
| #3     | .1123670 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1979.200 | 24805.50 | 2758.975 | 1634.550 | 1836.302 |
| Stddev    | 8.565    | 50.07    | 21.479   | 1.428    | 8.155    |
| %RSD      | .4327573 | .2018566 | .7785120 | .0873727 | .4440850 |
| #1        | 1973.430 | 24775.65 | 2745.897 | 1632.903 | 1834.765 |
| #2        | 1975.128 | 24777.53 | 2747.264 | 1635.450 | 1829.024 |
| #3        | 1989.041 | 24863.31 | 2783.764 | 1635.296 | 1845.115 |

Sample Name: P5030-04A      Acquired: 12/30/2024 22:40:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK44A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .8102030 | .0092744 | 5.131152 | .1008665 | .0428315 | 90.53762 | 1.296467 |
| Stddev | .0036451 | .0026681 | .014628  | .0019599 | .0028697 | .04832   | .002697  |
| %RSD   | .4498963 | 28.76864 | .2850915 | 1.943045 | 6.699908 | .0533669 | .2079923 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .8115674 | .0062019 | 5.140935 | .1012092 | .0403769 | 90.53550 | 1.293353 |
| #2 | .8129691 | .0106146 | 5.114335 | .1026325 | .0421311 | 90.58697 | 1.298039 |
| #3 | .8060726 | .0110068 | 5.138186 | .0987579 | .0459866 | 90.49040 | 1.298008 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088750 | .0119970 | 88.10440 | .1395805 | .1622330 | .5299936 | 225.2793 |
| Stddev | .0000753 | .0001419 | .02297   | .0003383 | .0004675 | .0038686 | .1396    |
| %RSD   | .8489372 | 1.182374 | .0260670 | .2423431 | .2881432 | .7299400 | .0619833 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0087891 | .0121177 | 88.07881 | .1399583 | .1625875 | .5337402 | 225.4308 |
| #2 | .0089064 | .0118407 | 88.11119 | .1394775 | .1617032 | .5260135 | 225.1558 |
| #3 | .0089296 | .0120325 | 88.12321 | .1393058 | .1624084 | .5302271 | 225.2512 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.05148 | 33.43719 | .2755356 | -.004214 | .4595282 | .2280493 | 1.327120 |
| Stddev | .01012   | .21716   | .0016416 | .000591  | .0336477 | .0072126 | .004563  |
| %RSD   | .0593260 | .6494439 | .5957874 | 14.03370 | 7.322236 | 3.162753 | .3438406 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 17.04787 | 33.52255 | .2759970 | -.004306 | .4758196 | .2197212 | 1.327301 |
| #2 | 17.06290 | 33.59869 | .2737127 | -.004755 | .4819294 | .2322809 | 1.322469 |
| #3 | 17.04366 | 33.19032 | .2768972 | -.003583 | .4208356 | .2321456 | 1.331590 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 9.394391 | 8.829562 | -.495377 | .0091072 | 3.362036 | 12.65022 | .0958894 |
| Stddev | .101513  | .028736  | .006246  | .0000728 | .002575  | .03975   | .0014024 |
| %RSD   | 1.080570 | .3254512 | 1.260953 | .7991735 | .0765986 | .3142384 | 1.462524 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 9.455183 | 8.856103 | -.500802 | .0090684 | 3.359094 | 12.66544 | .0974754 |
| #2 | 9.450789 | 8.799045 | -.488548 | .0091912 | 3.363130 | 12.60511 | .0953794 |
| #3 | 9.277201 | 8.833537 | -.496782 | .0090621 | 3.363883 | 12.68011 | .0948133 |

Sample Name: P5030-04A      Acquired: 12/30/2024 22:40:35      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHK44A      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .8834891 | -.022660 | .0692534 |
| Stddev | .0019197 | .000357  | .0010948 |
| %RSD   | .2172893 | 1.575649 | 1.580897 |
| #1     | .8812803 | -.022826 | .0700352 |
| #2     | .8844315 | -.022903 | .0680021 |
| #3     | .8847555 | -.022250 | .0697228 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 2161.800 | 27121.87 | 2981.559 | 1797.822 | 1932.466 |
| Stddev    | 5.849    | 143.50   | 2.015    | 5.349    | 6.693    |
| %RSD      | .2705560 | .5290928 | .0675927 | .2975056 | .3463529 |
| #1        | 2162.596 | 27026.01 | 2979.761 | 1794.498 | 1929.682 |
| #2        | 2167.209 | 27052.76 | 2983.737 | 1794.976 | 1940.102 |
| #3        | 2155.593 | 27286.85 | 2981.179 | 1803.992 | 1927.614 |

Sample Name: CCV051      Acquired: 12/30/2024 22:44:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.963584 | 4.808250 | 24.59269 | 4.877112 | 4.884009 | 403.3365 |
| Stddev | .002968  | .023034  | .00928   | .005381  | .007553  | 3.1826   |
| %RSD   | .0597928 | .4790453 | .0377464 | .1103286 | .1546495 | .7890643 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.966914 | 4.825019 | 24.58204 | 4.871960 | 4.889856 | 399.7329 |
| #2 | 4.961218 | 4.781987 | 24.59910 | 4.876681 | 4.875481 | 405.7620 |
| #3 | 4.962619 | 4.817744 | 24.59693 | 4.882695 | 4.886690 | 404.5148 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 10.05596 | .5035767 | 2.480096 | 408.7467 | 15.53174 | 2.470711 |
| Stddev | .07387   | .0084528 | .001852  | 3.0474   | .05621   | .002399  |
| %RSD   | .7345445 | 1.678556 | .0746610 | .7455440 | .3619110 | .0971138 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 9.97070  | .4950859 | 2.480002 | 405.5172 | 15.49013 | 2.470243 |
| #2 | 10.10086 | .5119910 | 2.478293 | 411.5716 | 15.59569 | 2.468580 |
| #3 | 10.09630 | .5036533 | 2.481993 | 409.1514 | 15.50941 | 2.473310 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.02644 | 407.1909 | 15.00125 | 403.0701 | 2.502149 | 1.265768 |
| Stddev | .14276   | 3.2687   | .09726   | 3.4494   | .001249  | .005266  |
| %RSD   | .9500539 | .8027476 | .6483693 | .8557763 | .0499269 | .4160299 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 14.87406 | 403.5523 | 14.89015 | 399.0910 | 2.503535 | 1.260411 |
| #2 | 15.15709 | 409.8791 | 15.07105 | 405.2119 | 2.501110 | 1.270938 |
| #3 | 15.04819 | 408.1413 | 15.04254 | 404.9075 | 2.501802 | 1.265956 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 411.0752 | 2.466909 | 14.88631 | 152.5305 | 4.862851 | F 4.309786 |
| Stddev | 7.3458   | .006883  | .08123   | 1.5327   | .021167  | .057171    |
| %RSD   | 1.786968 | .2790025 | .5456741 | 1.004877 | .4352796 | 1.326530   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 402.8191 | 2.467721 | 14.81473 | 150.7616 | 4.877017 | 4.248537 |
| #2 | 416.8881 | 2.459656 | 14.97459 | 153.3663 | 4.838518 | 4.361739 |
| #3 | 413.5183 | 2.473349 | 14.86960 | 153.4638 | 4.873016 | 4.319082 |

Sample Name: CCV051      Acquired: 12/30/2024 22:44:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Sr4077   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.787030 | 4.958011 | 4.945617 | 5.006629 | 5.022815 | 4.773429 |
| Stddev | .010836  | .015097  | .069964  | .002613  | .052163  | .033468  |
| %RSD   | .2263549 | .3045031 | 1.414674 | .0521976 | 1.038527 | .7011369 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.790969 | 4.942260 | 4.876130 | 5.005311 | 4.963270 | 4.738885 |
| #2 | 4.774775 | 4.959416 | 5.016049 | 5.004937 | 5.044726 | 4.805706 |
| #3 | 4.795345 | 4.972356 | 4.944672 | 5.009639 | 5.060449 | 4.775697 |

|        |          |
|--------|----------|
| Elem   | Li6707   |
| Units  | ppm      |
| Avg    | 5.070041 |
| Stddev | .041486  |
| %RSD   | .8182532 |

|    |          |
|----|----------|
| #1 | 5.022163 |
| #2 | 5.092640 |
| #3 | 5.095321 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1439.603 | 18742.58 | 2191.641 | 1182.392 | 1614.944 |
| Stddev    | 1.150    | 12.08    | 24.030   | 3.177    | 1.044    |
| %RSD      | .0798821 | .0644367 | 1.096451 | .2686602 | .0646521 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1438.292 | 18738.72 | 2216.395 | 1184.966 | 1616.024 |
| #2 | 1440.442 | 18732.91 | 2168.407 | 1178.842 | 1613.940 |
| #3 | 1440.076 | 18756.12 | 2190.121 | 1183.368 | 1614.868 |

Sample Name: CCB051      Acquired: 12/30/2024 22:48:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.003973 | -.000394 | .0046388 | -.002349 | .0008410 | -.009922 | .0007284 |
| Stddev | .002704  | .004002  | .0020895 | .001064  | .0032919 | .026807  | .0009245 |
| %RSD   | 68.05094 | 1016.797 | 45.04310 | 45.30905 | 391.4435 | 270.1816 | 126.9326 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.000973 | -.000842 | .0070513 | -.001656 | -.001330 | .020834  | .0015438 |
| #2 | -.006221 | -.004152 | .0034023 | -.001816 | -.000776 | -.028332 | -.000276 |
| #3 | -.004726 | .003814  | .0034629 | -.003574 | .004629  | -.022267 | .000917  |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001749 | .0003514 | .0298803 | .0019599 | .0000307 | .0025495 | .0256376 |
| Stddev | .0001202 | .0000865 | .0209884 | .0002013 | .0002449 | .0023815 | .0365193 |
| %RSD   | 68.71728 | 24.61819 | 70.24159 | 10.27130 | 798.1942 | 93.41177 | 142.4444 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0002821 | .0002551 | .0223559 | .0021888 | .0003125 | .0006588 | .0022789 |
| #2 | .0000450 | .0004226 | .0535937 | .0018807 | -.000130 | .0017655 | .0069124 |
| #3 | .0001977 | .0003764 | .0136913 | .0018102 | -.000090 | .0052241 | .0677214 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029602 | .0434325 | .0000199 | .0009122 | .0485208 | -.006243 | .0041225 |
| Stddev | .0002381 | .0071387 | .0005241 | .0014349 | .0129373 | .017392  | .0001602 |
| %RSD   | 8.045034 | 16.43640 | 2630.520 | 157.2977 | 26.66339 | 278.5759 | 3.886250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0029795 | .0511006 | .0006172 | .0006998 | .0556685 | .013082  | .0041435 |
| #2 | .0031881 | .0422178 | -.000363 | .0024416 | .0335867 | -.011174 | .0042712 |
| #3 | .0027130 | .0369790 | -.000194 | -.000405 | .0563073 | -.020638 | .0039528 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.278086 | .0009659 | .0100678 | .0010046 | .0015440 | -.000123 | -.005124 |
| Stddev | .050492  | .0028759 | .0010910 | .0000849 | .0026273 | .000950  | .000823  |
| %RSD   | 18.15698 | 297.7364 | 10.83601 | 8.452874 | 170.1594 | 769.7124 | 16.06499 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | -.238724 | .0024212 | .0099970 | .0010965 | -.001313 | .000468  | -.004176 |
| #2 | -.335015 | .0028233 | .0090140 | .0009291 | .003856  | .000381  | -.005652 |
| #3 | -.260518 | -.002347 | .0111925 | .0009882 | .002090  | -.001219 | -.005545 |

Sample Name: CCB051      Acquired: 12/30/2024 22:48:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v55)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB051      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Sr4077   | Li6707   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001272 | .0000973 | .0026521 |
| Stddev | .003603  | .0001484 | .0036077 |
| %RSD   | 283.2239 | 152.4256 | 136.0324 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.005427 | .0002372 | .0006676 |
| #2 | .000991  | .0001132 | .0004723 |
| #3 | .000619  | -.000058 | .0068164 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 1656.804 | 20835.85 | 2254.904 | 1383.696 | 1951.205 |
| Stddev    | 2.226    | 129.97   | 19.214   | 8.415    | 3.158    |
| %RSD      | .1343437 | .6237947 | .8521071 | .6081732 | .1618314 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 1658.329 | 20985.90 | 2246.427 | 1393.117 | 1949.068 |
| #2 | 1654.249 | 20763.27 | 2276.899 | 1381.048 | 1949.714 |
| #3 | 1657.832 | 20758.37 | 2241.387 | 1376.924 | 1954.832 |