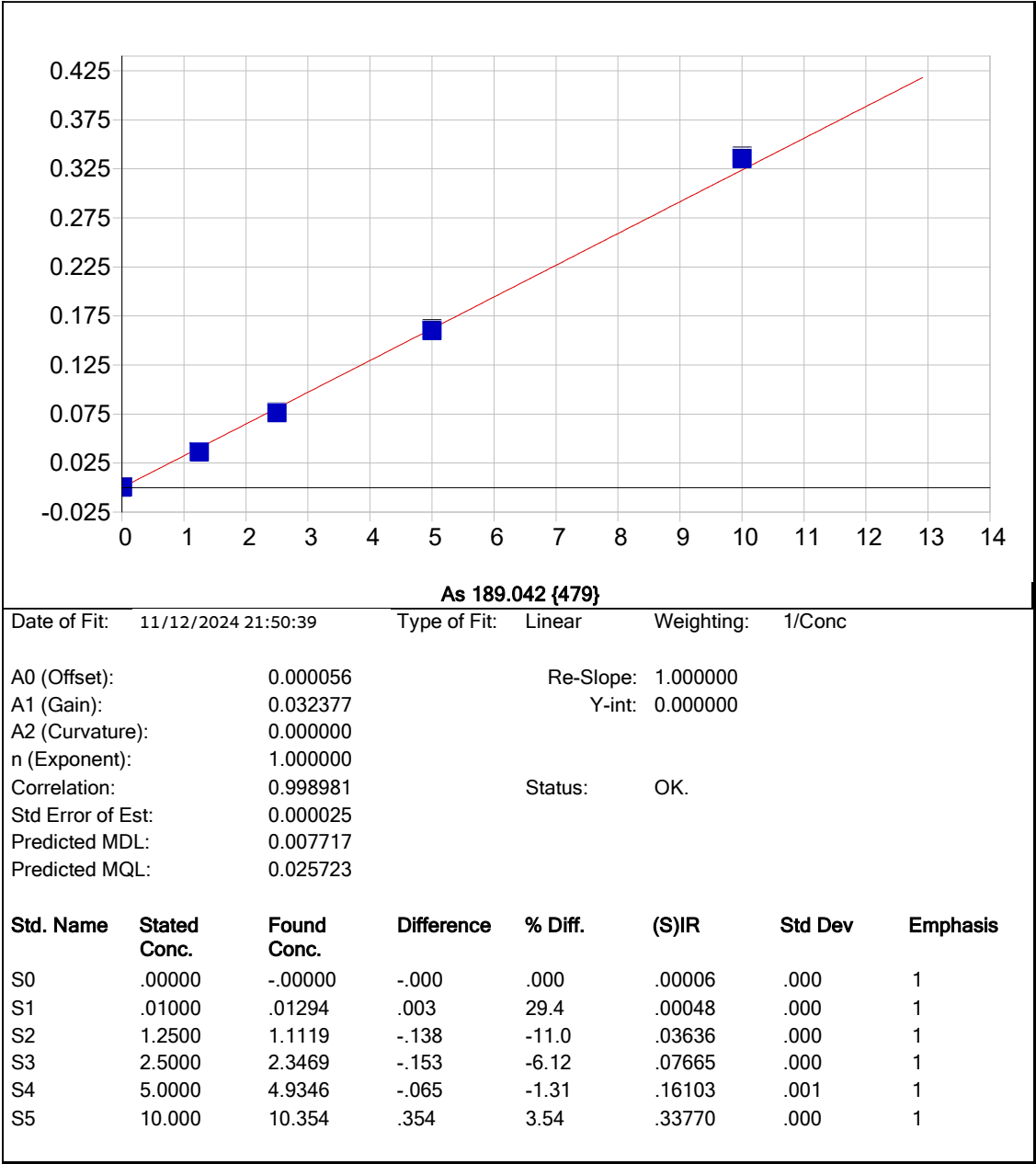
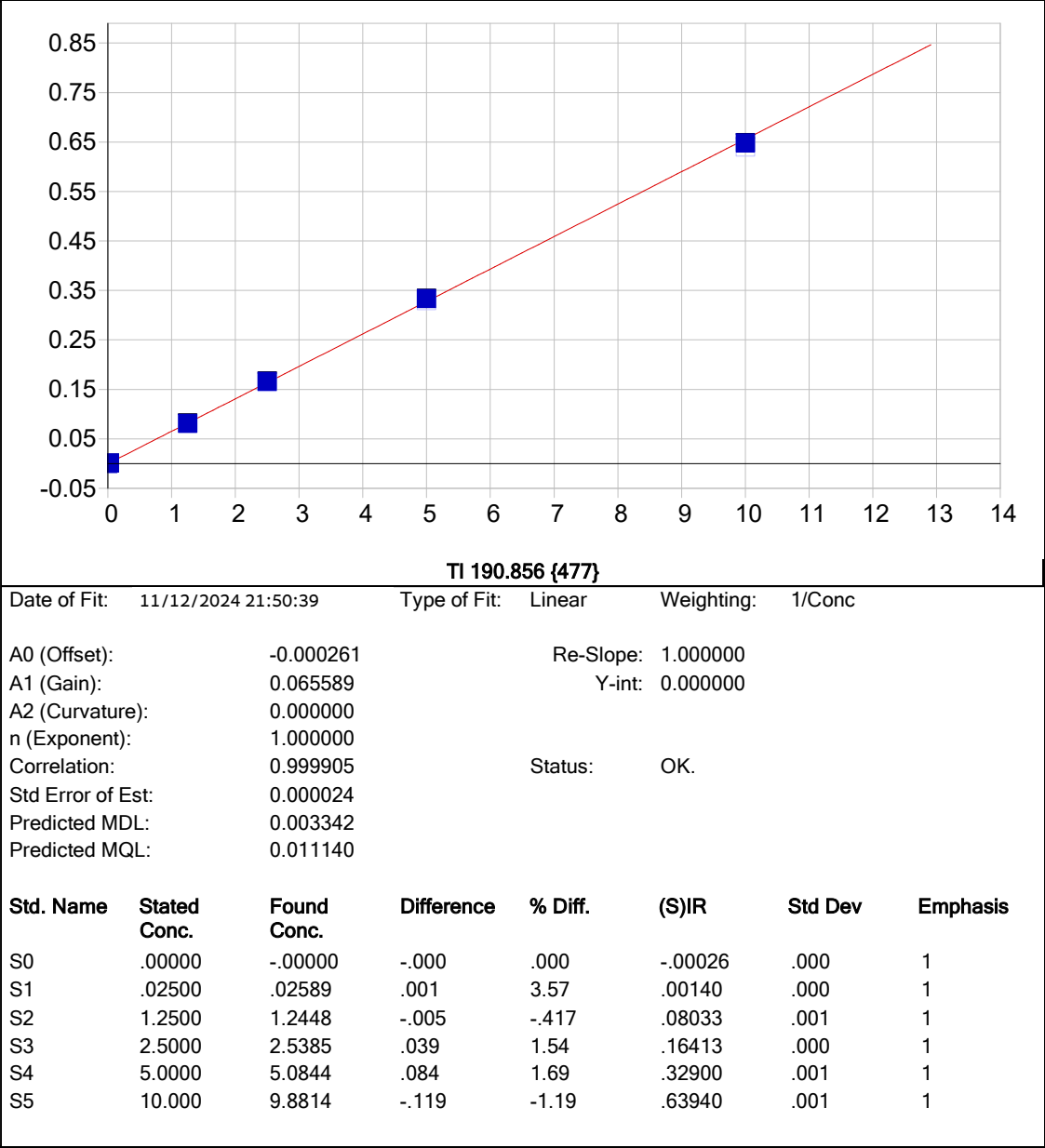
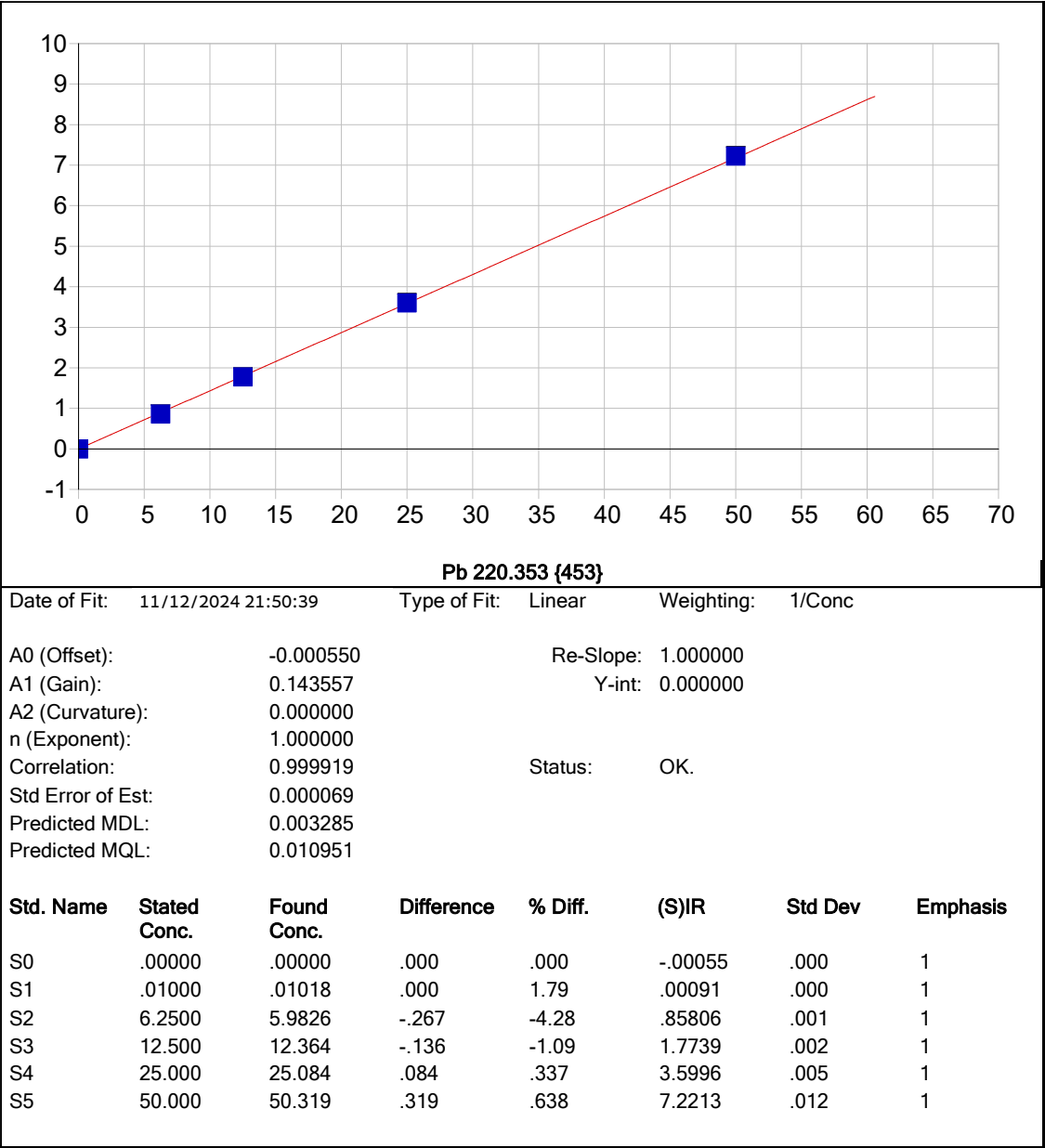
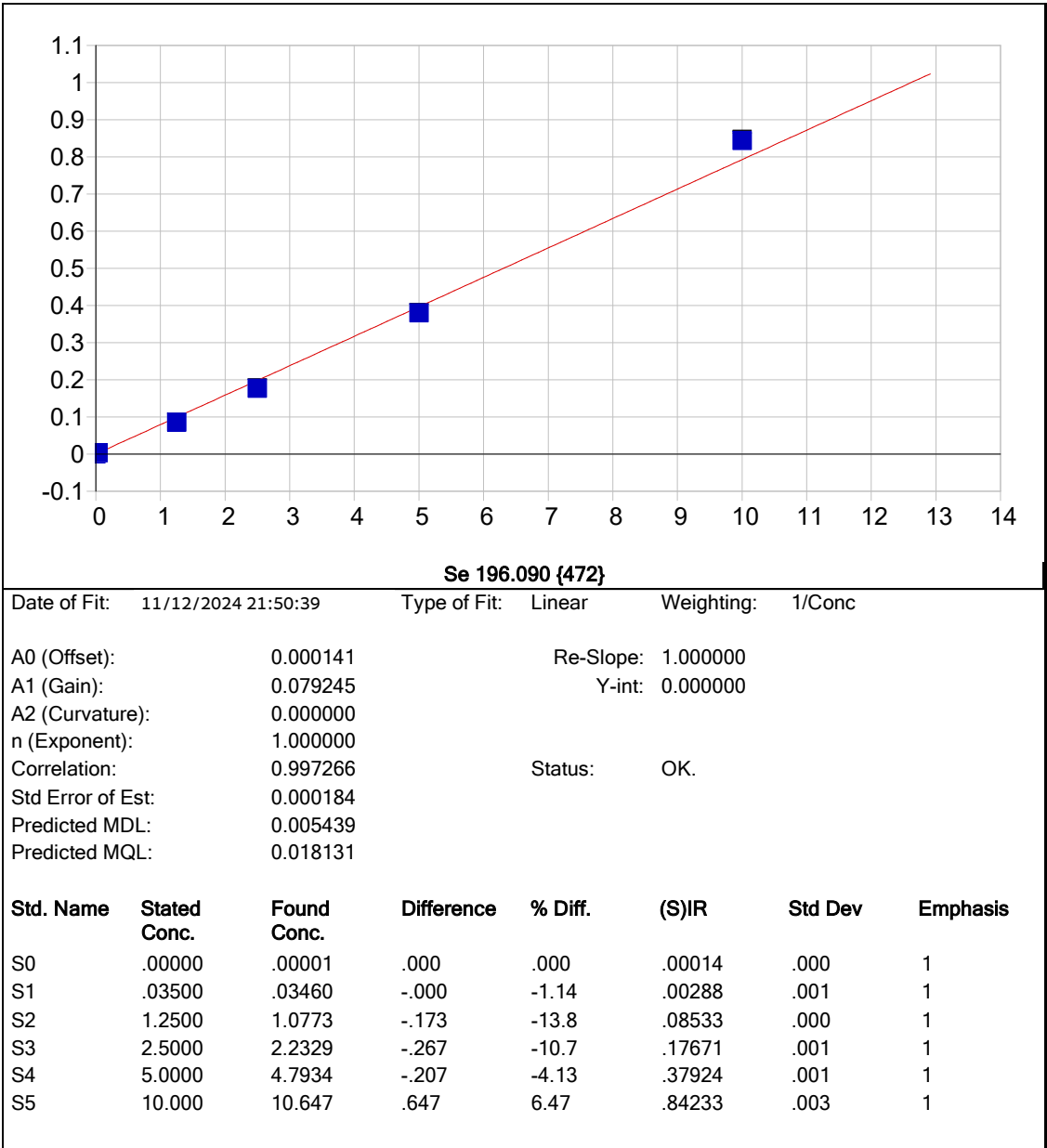


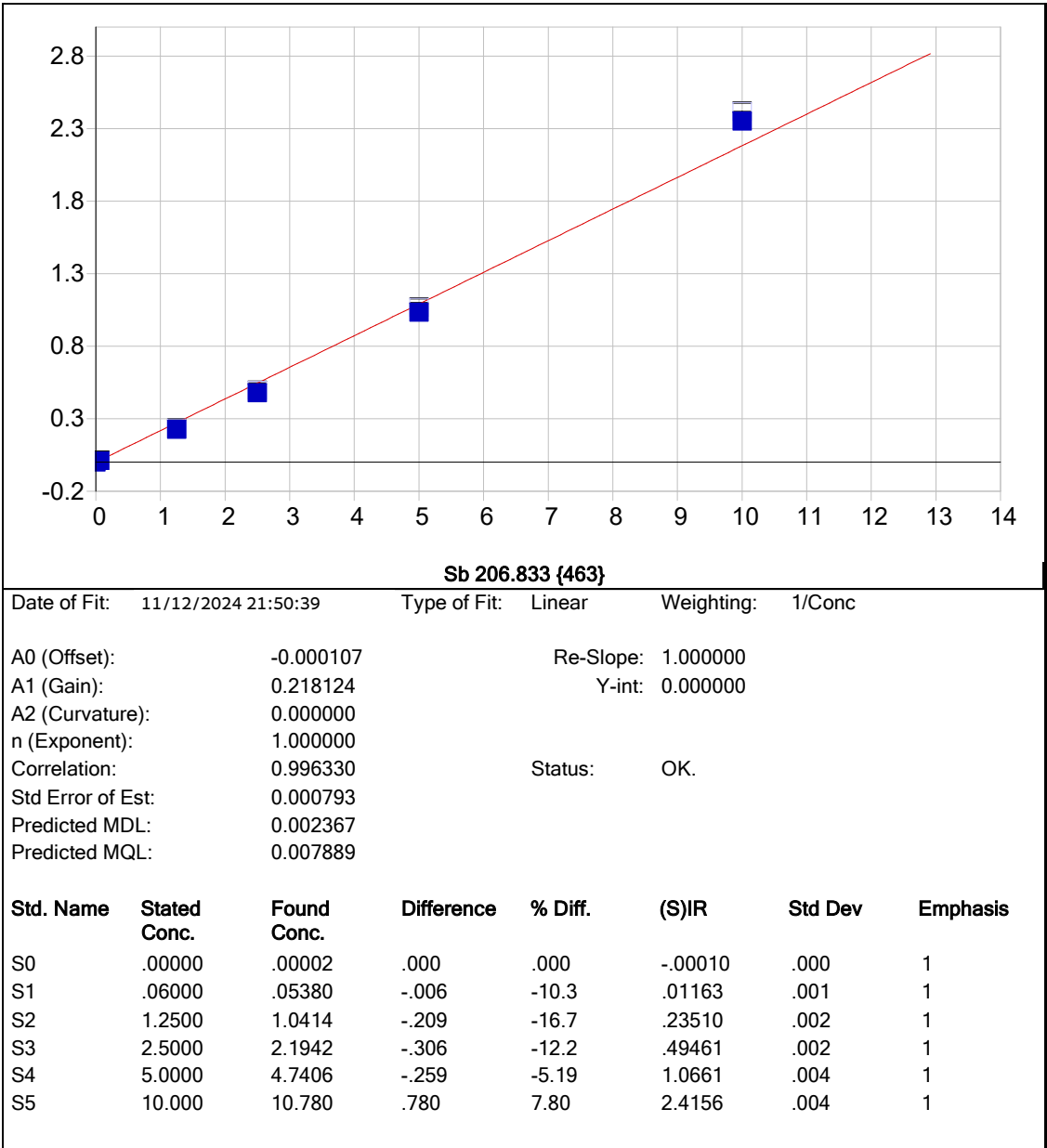


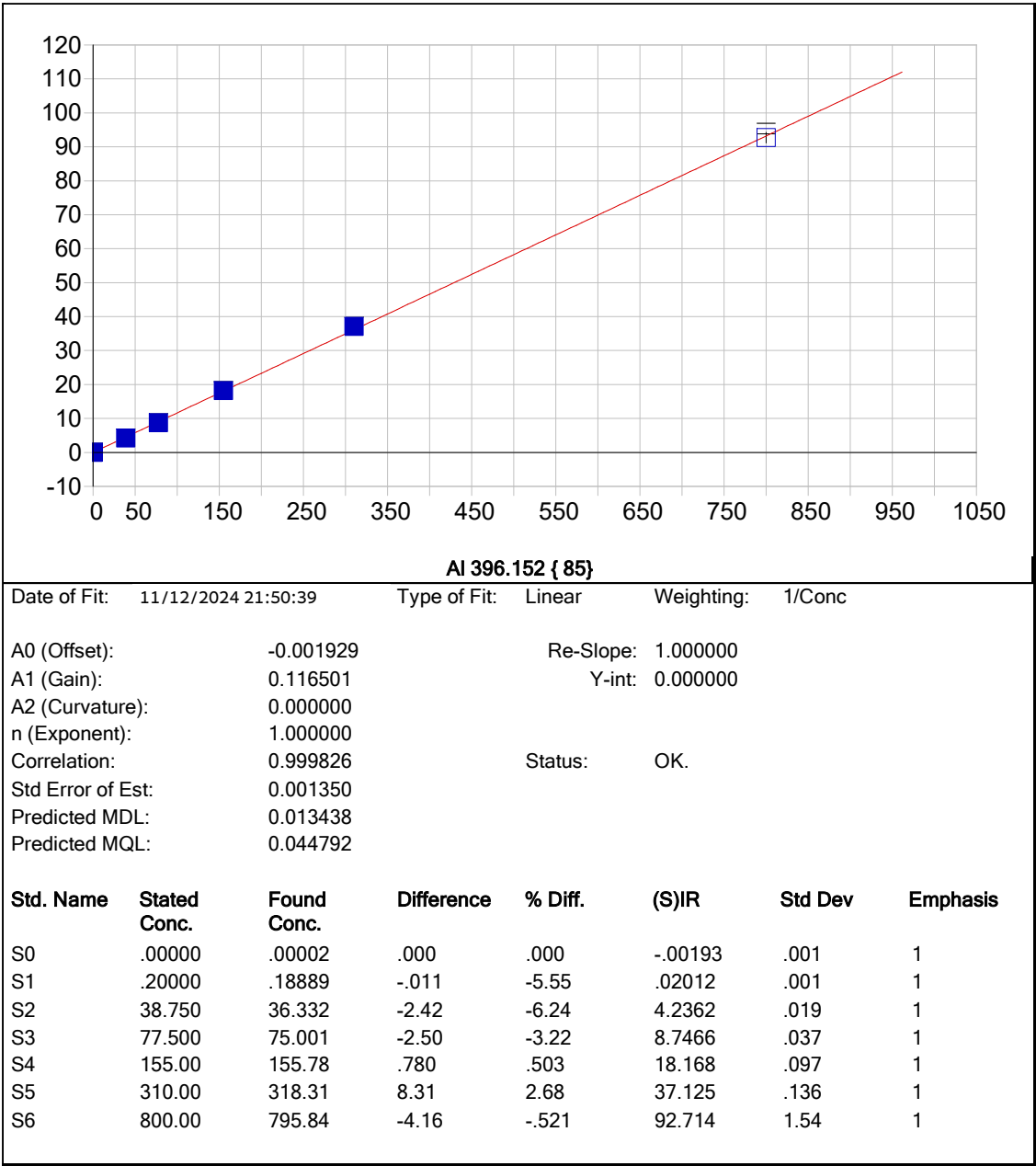


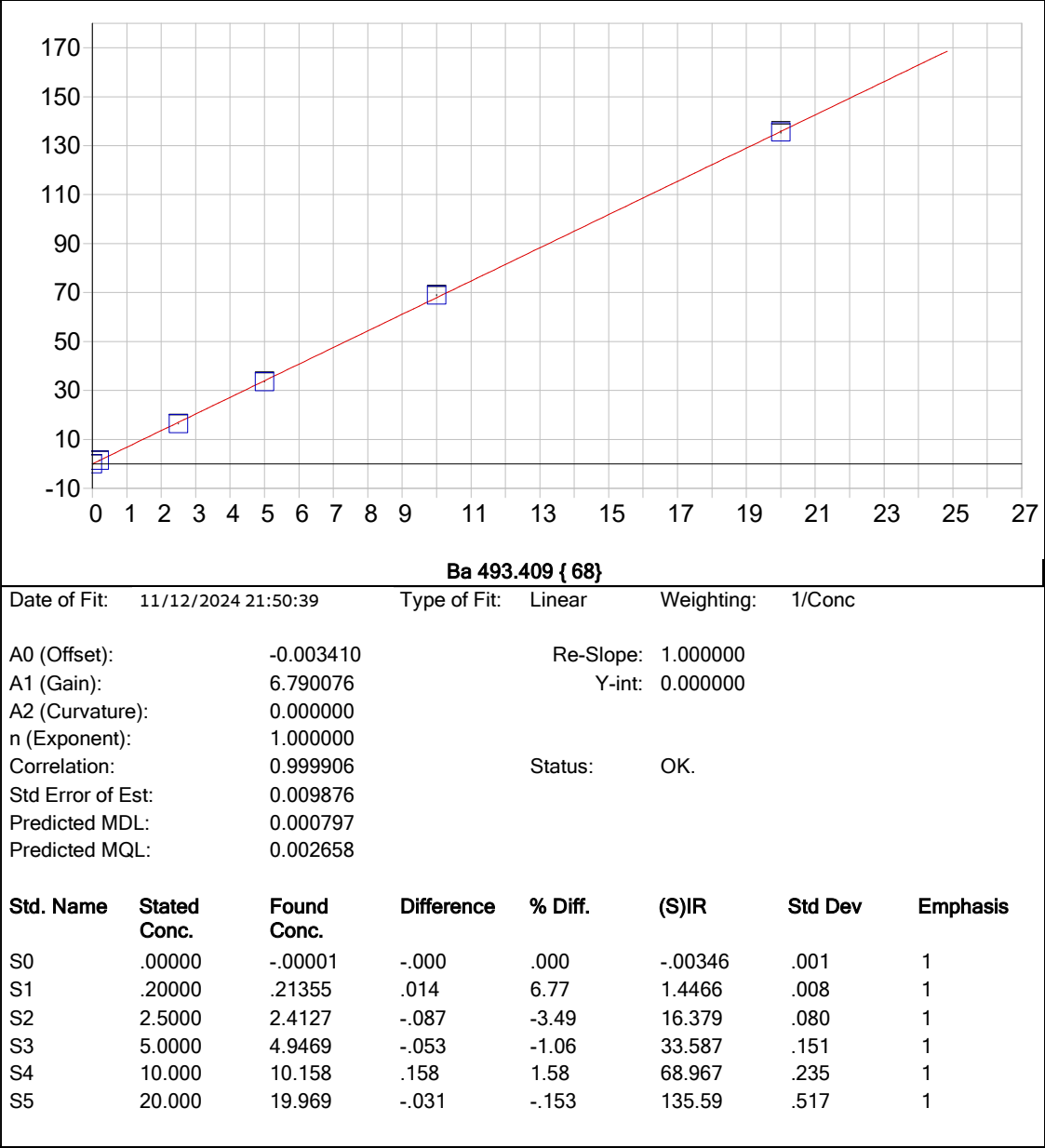


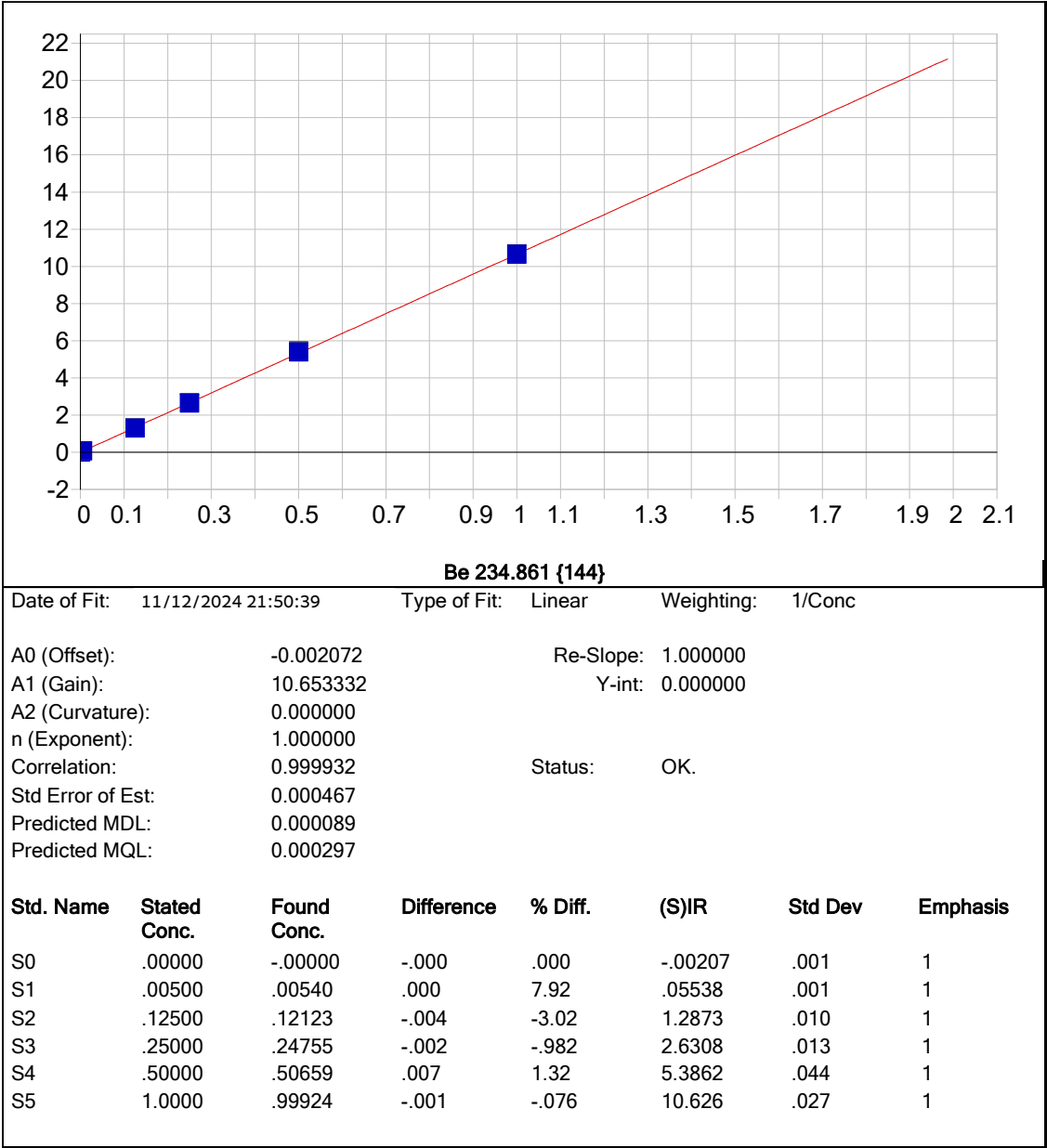


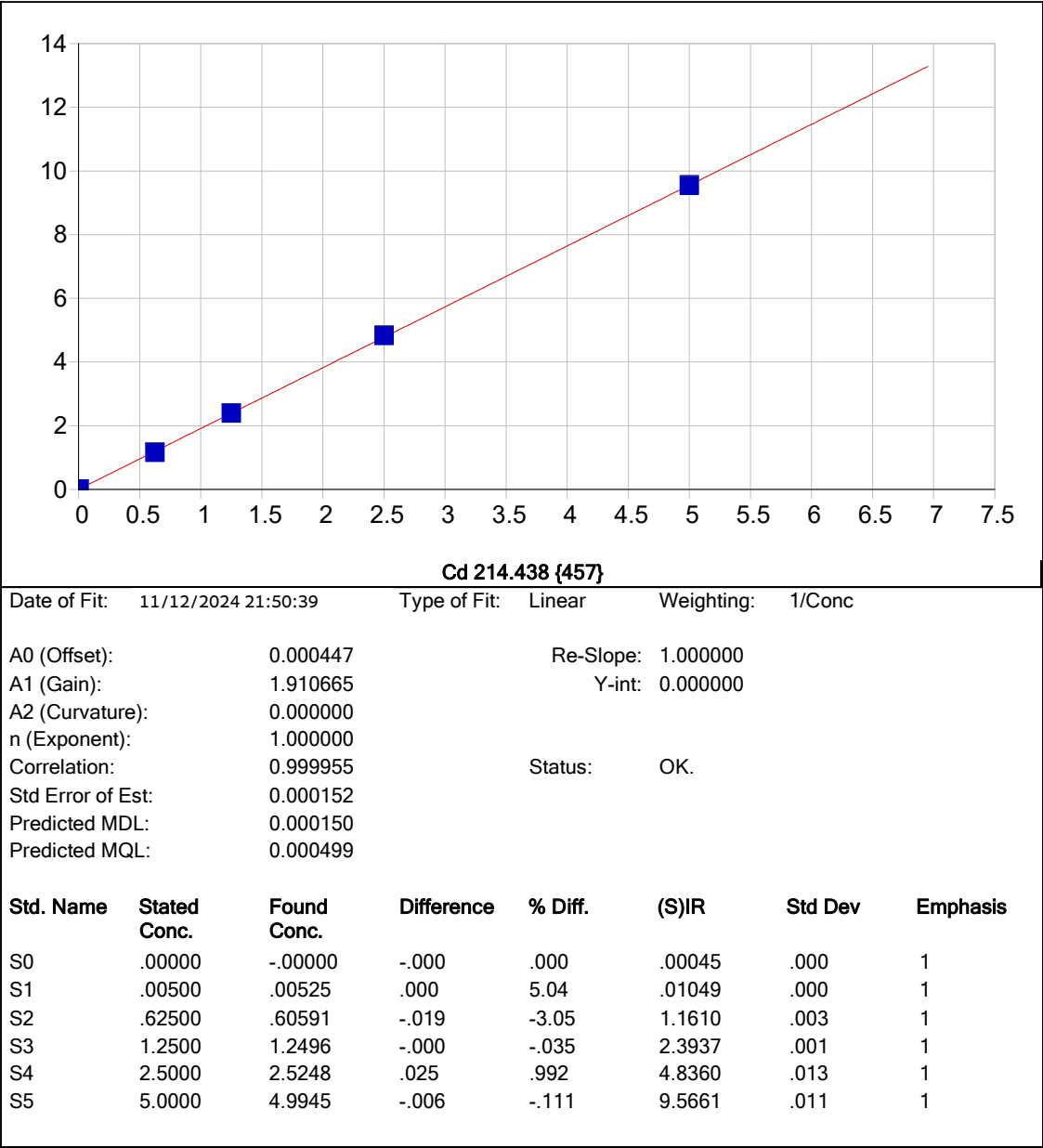


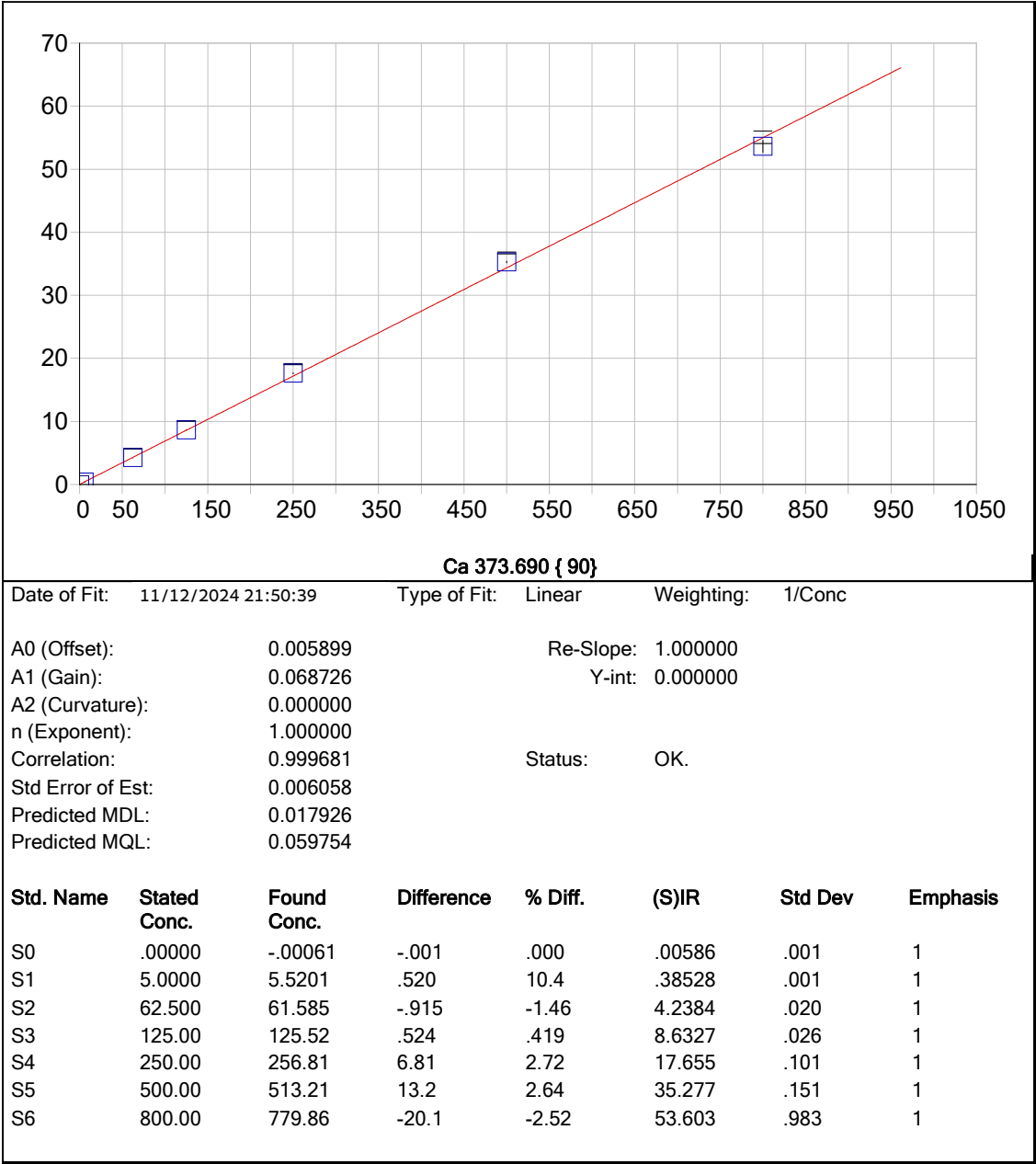




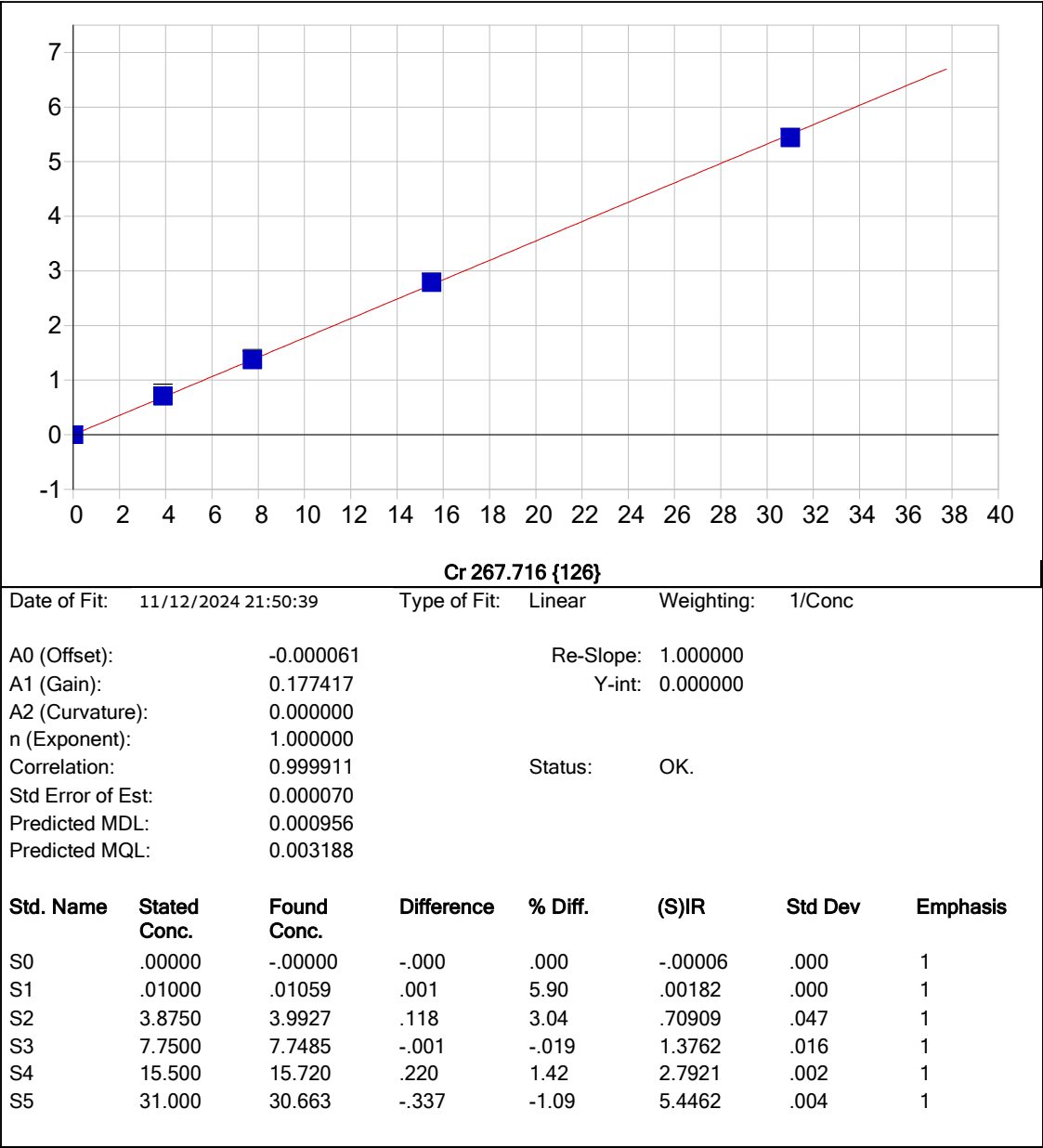


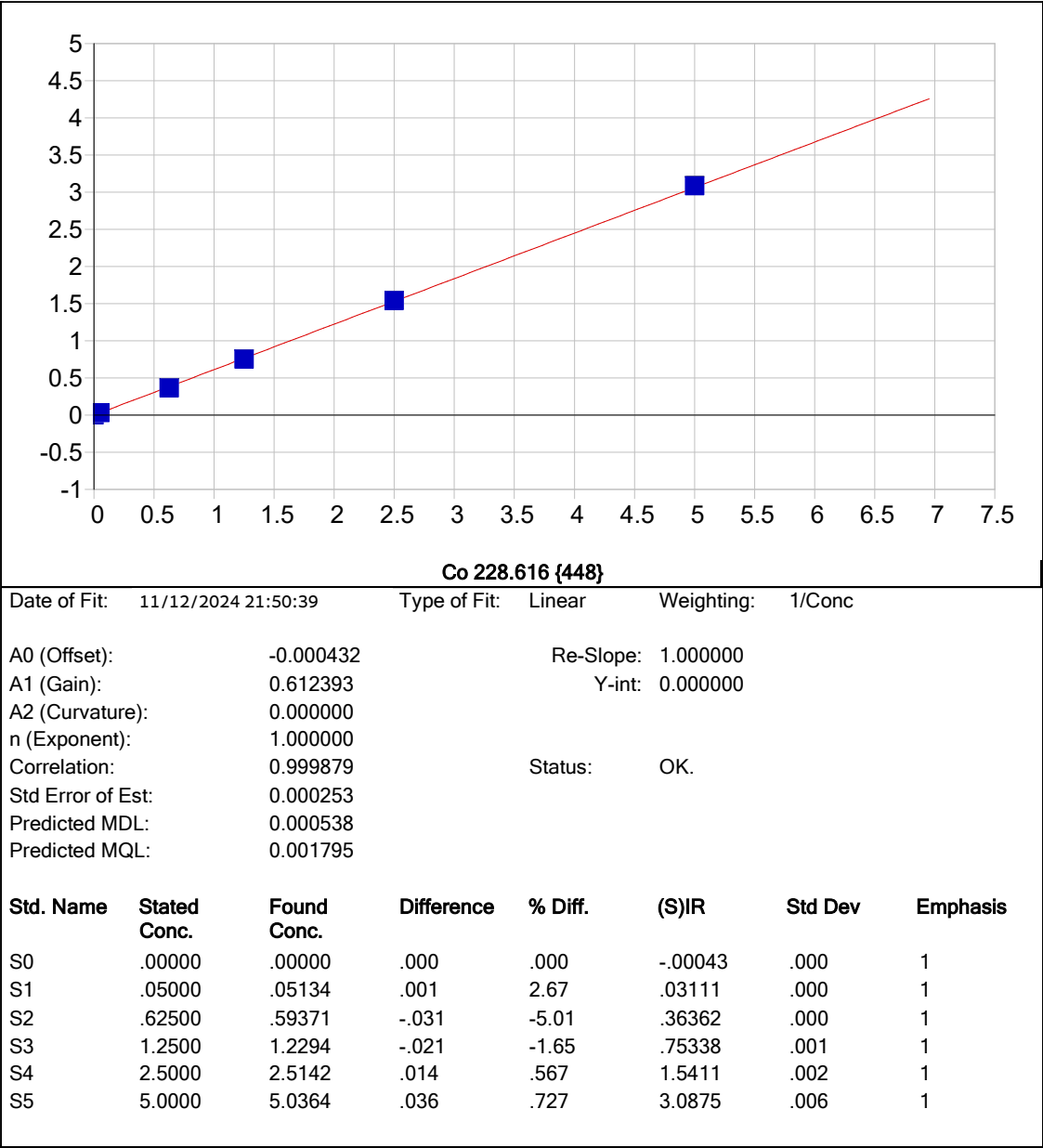


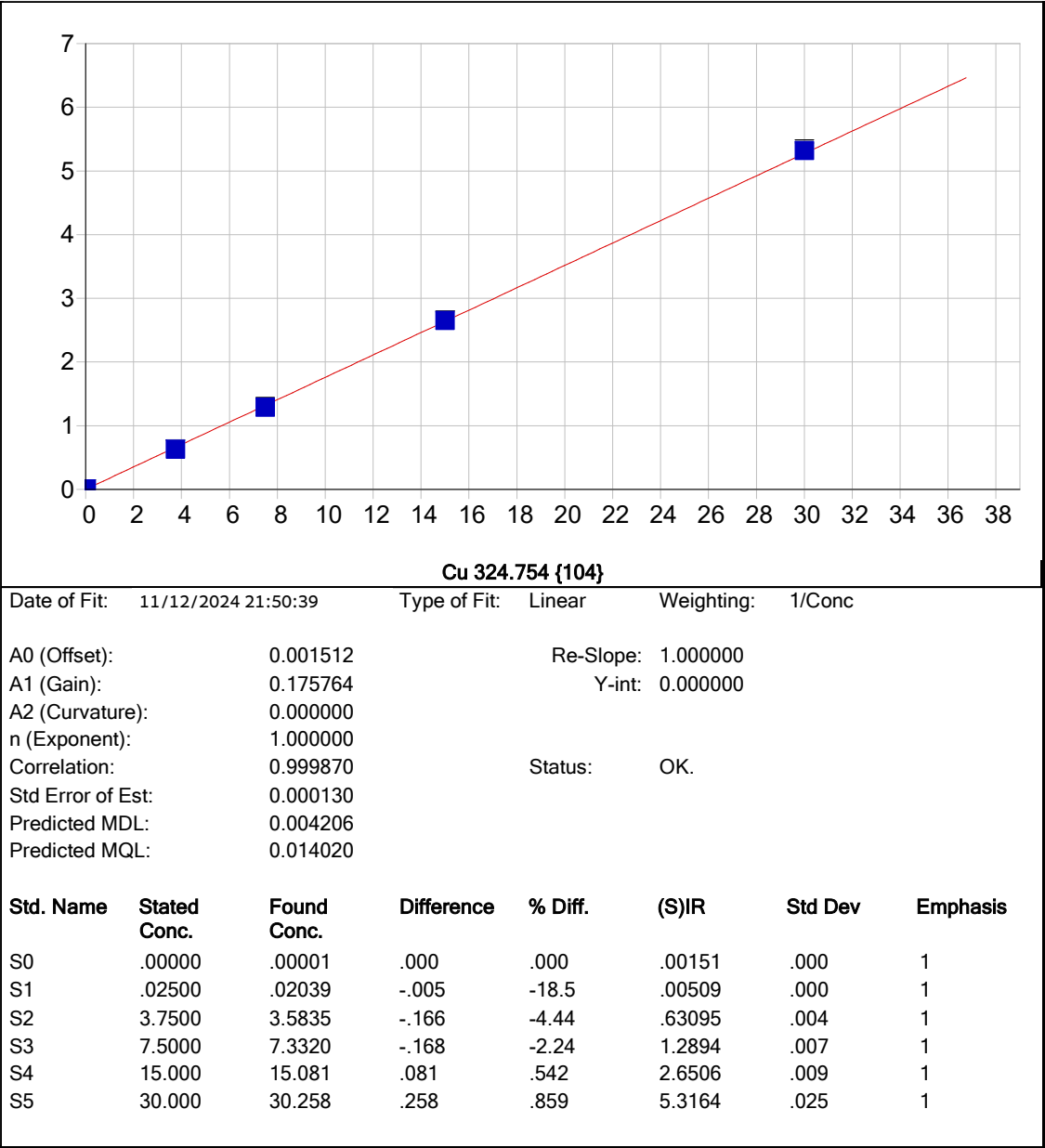


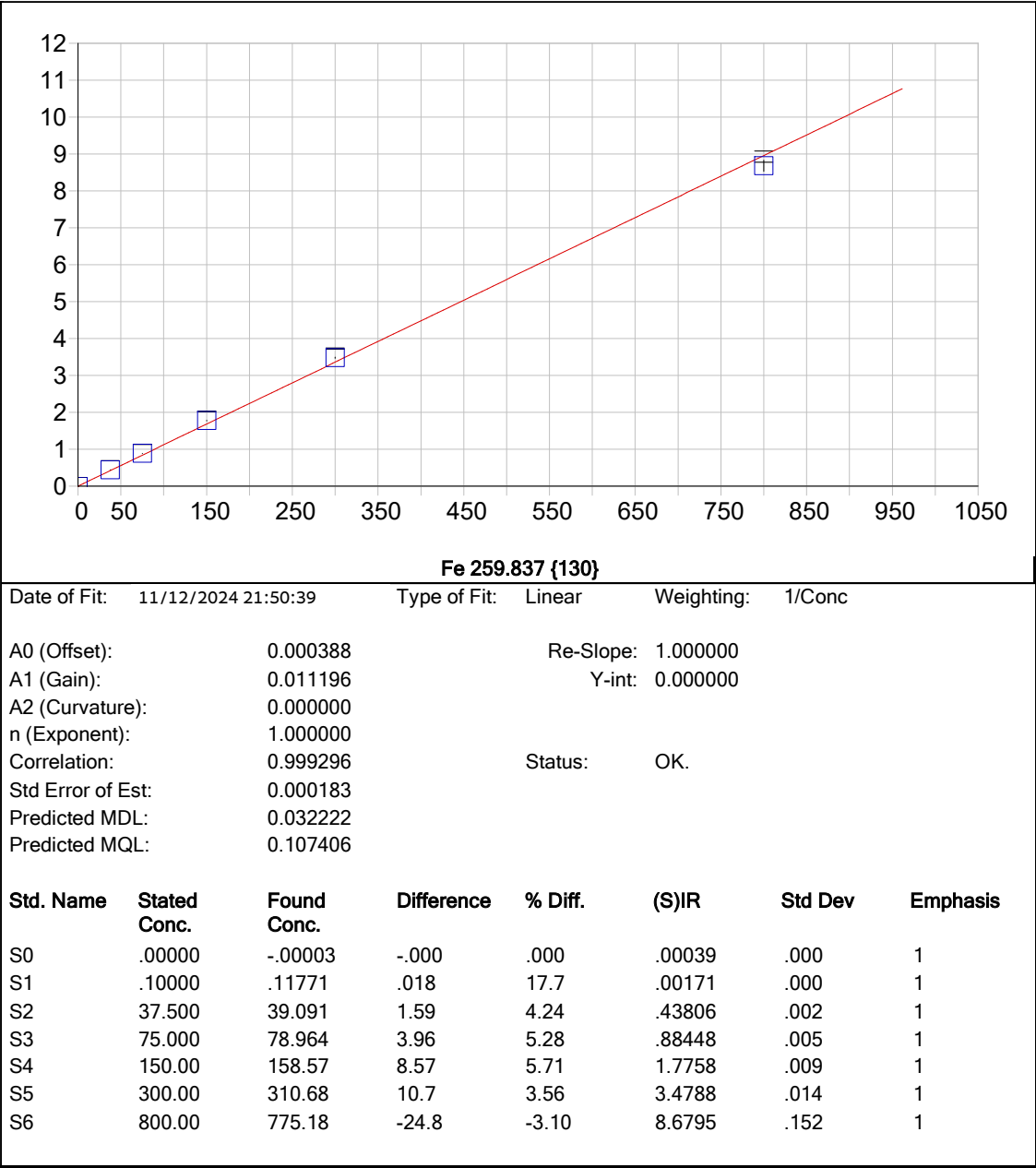


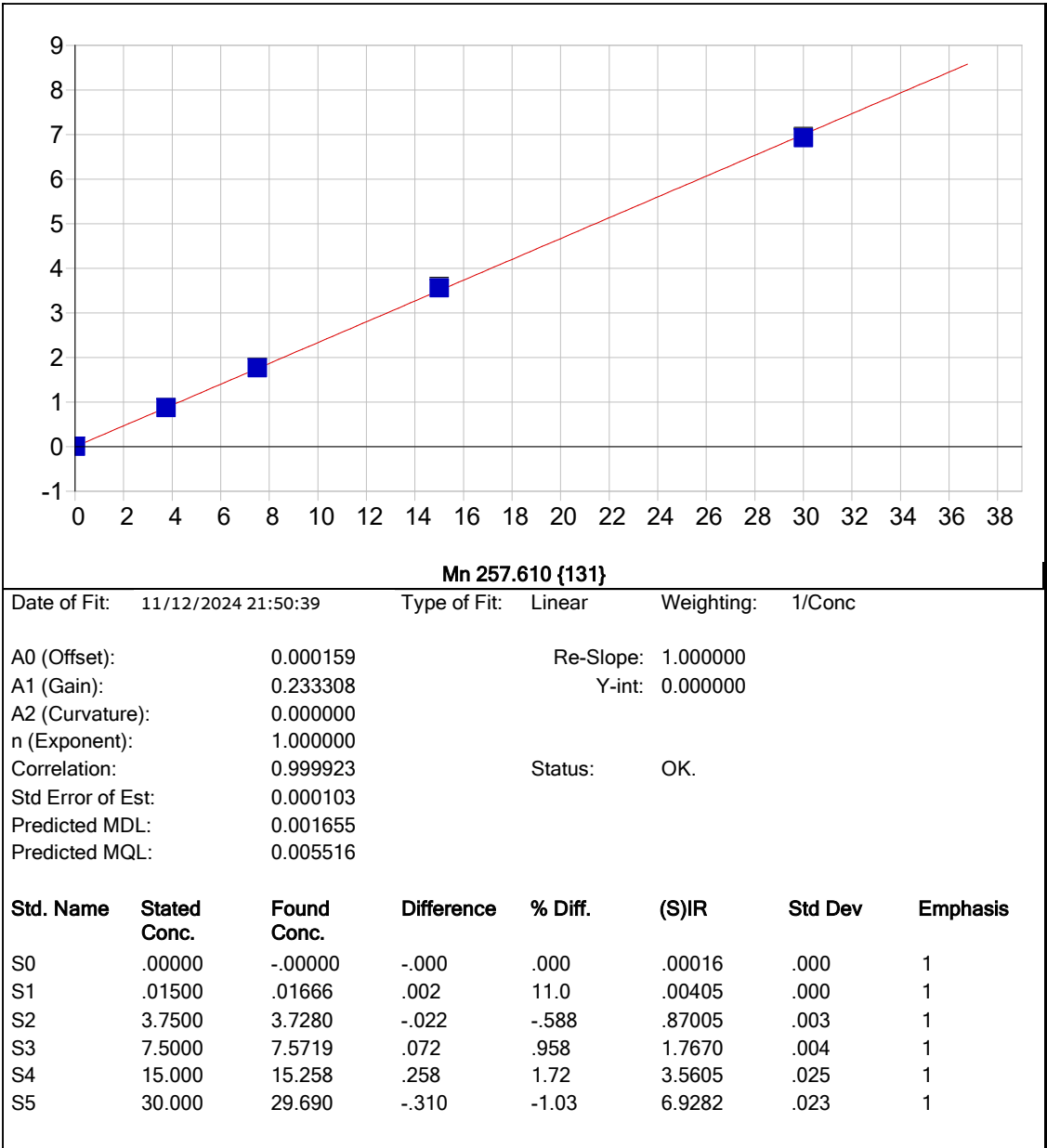


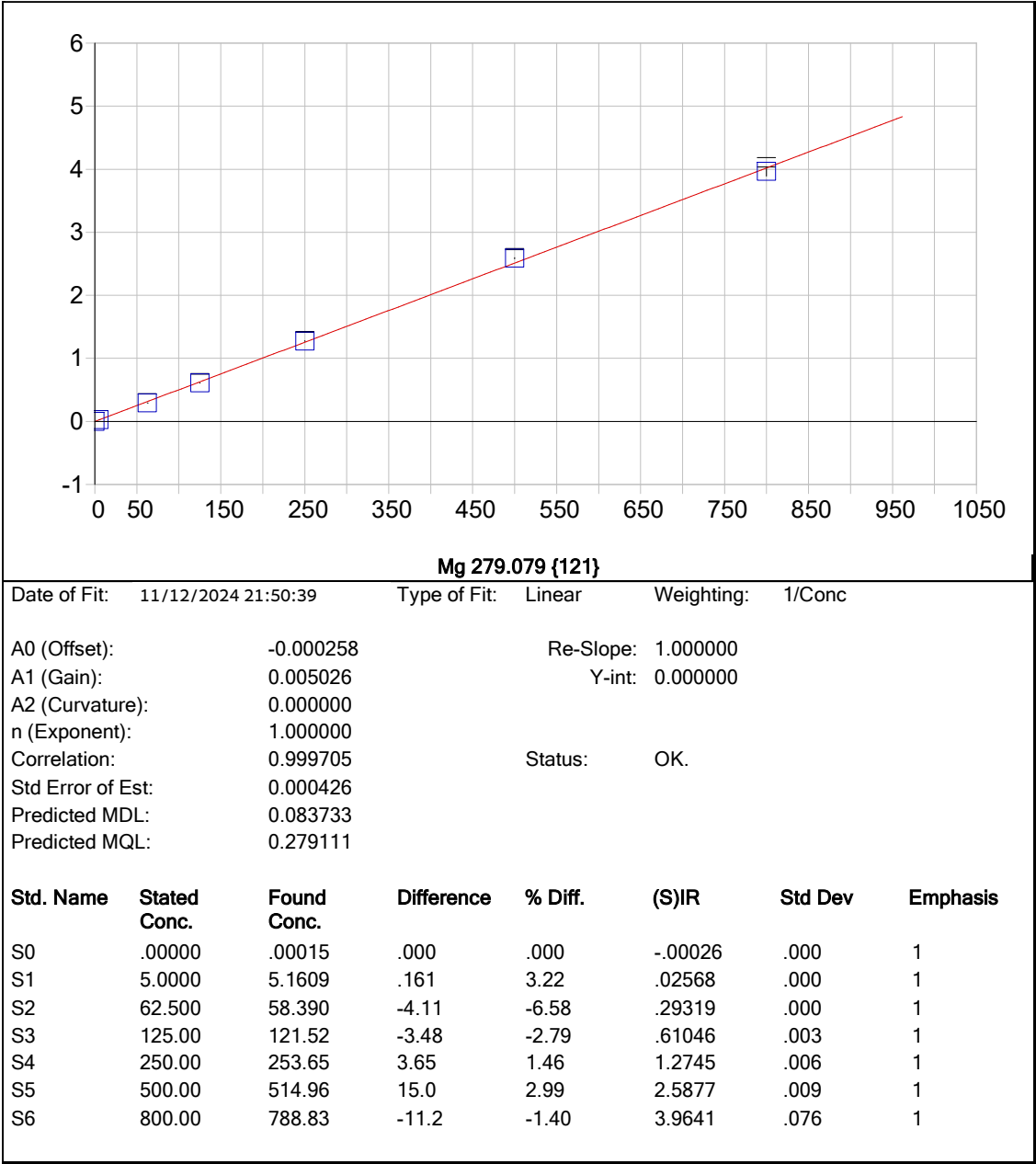


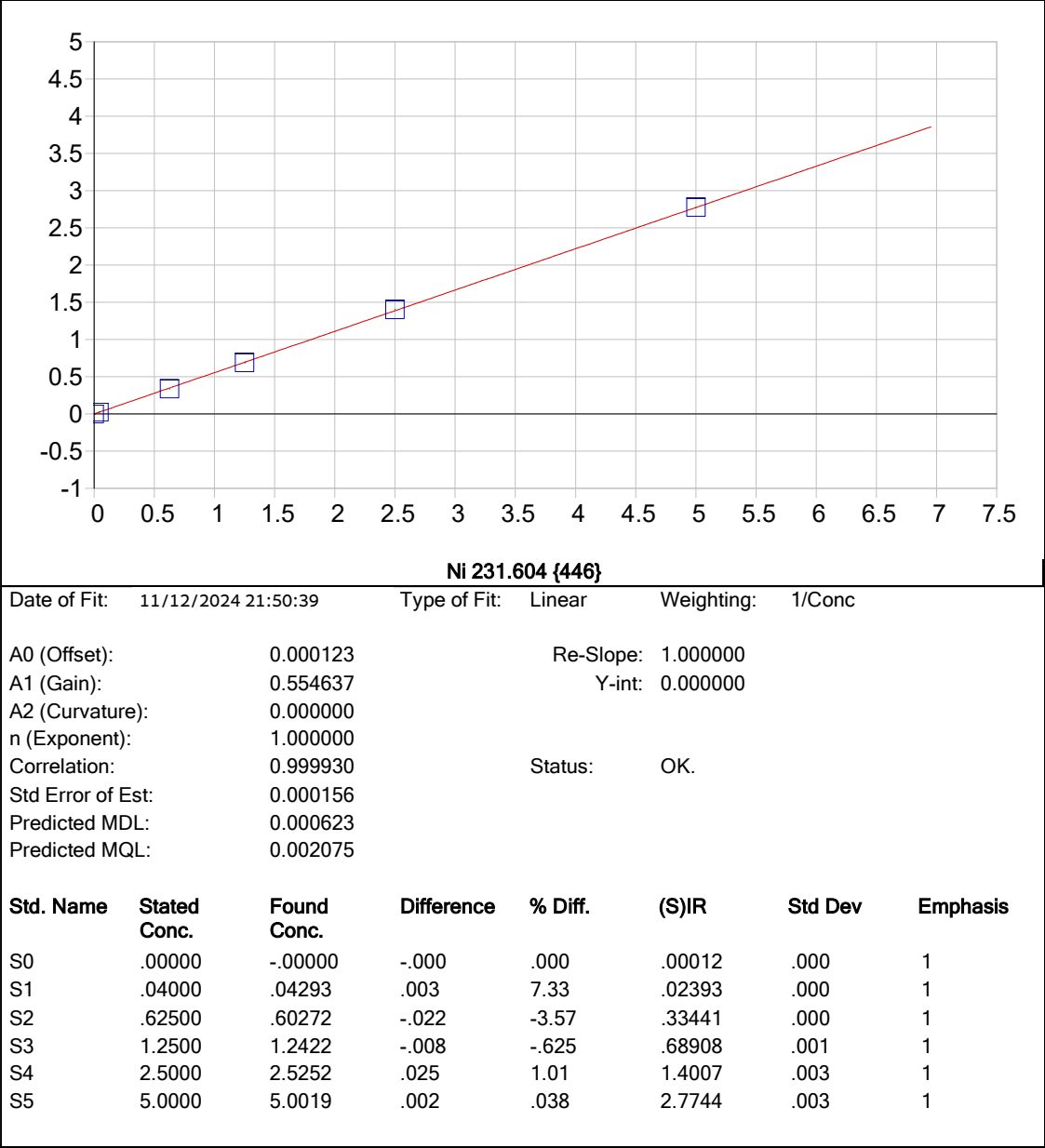


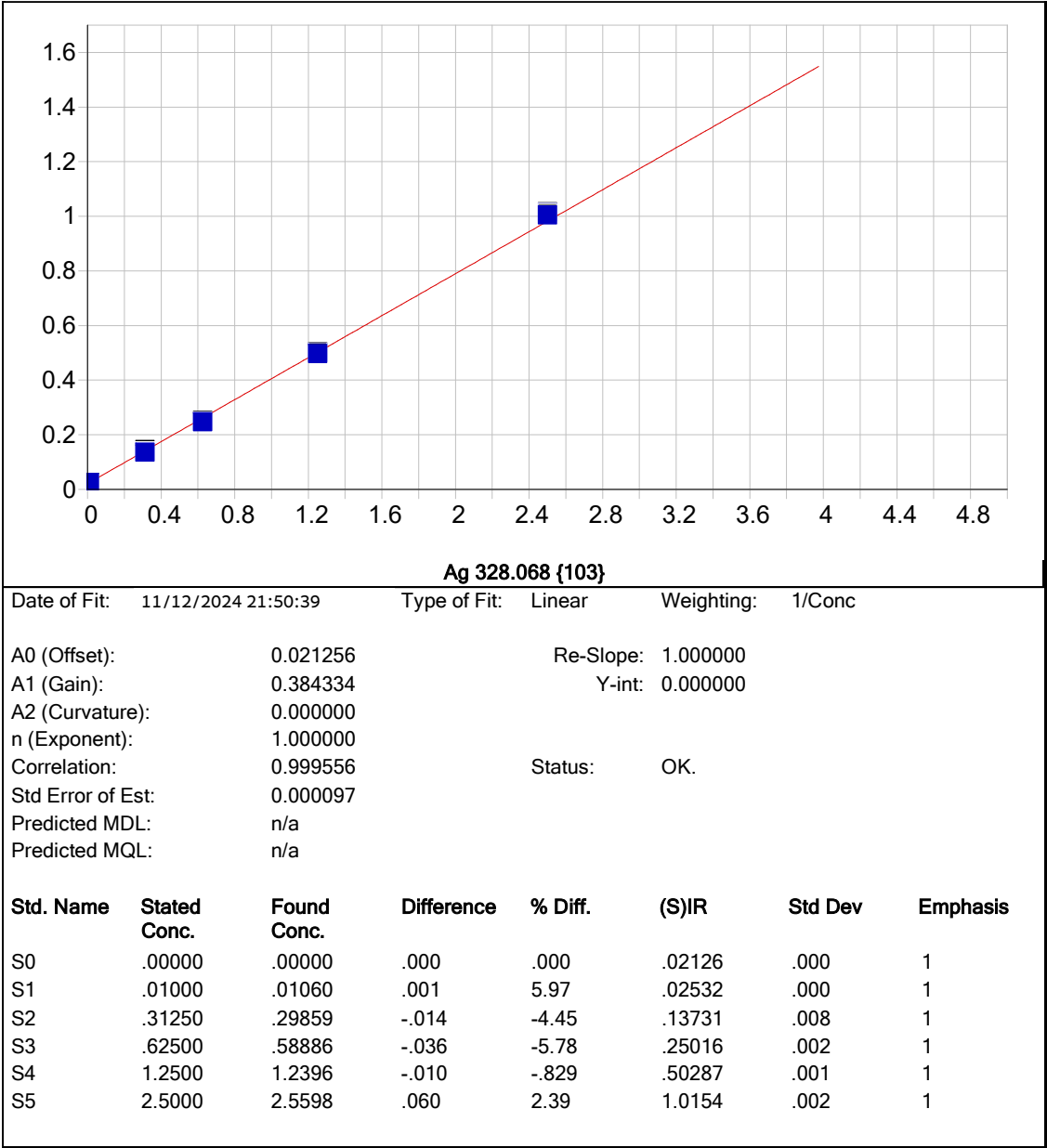




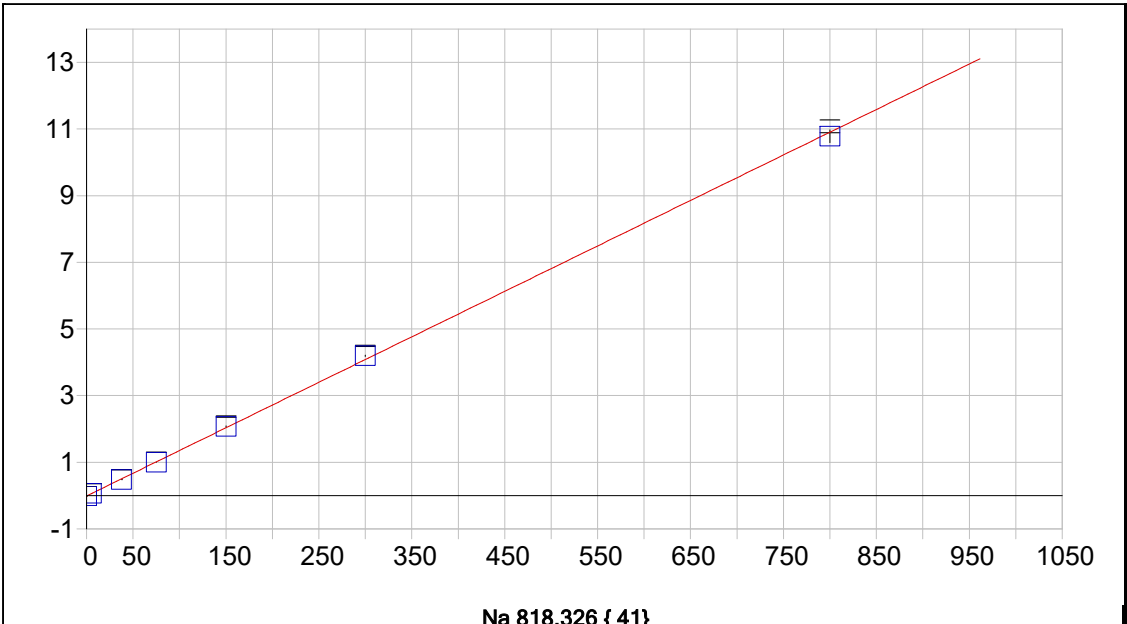




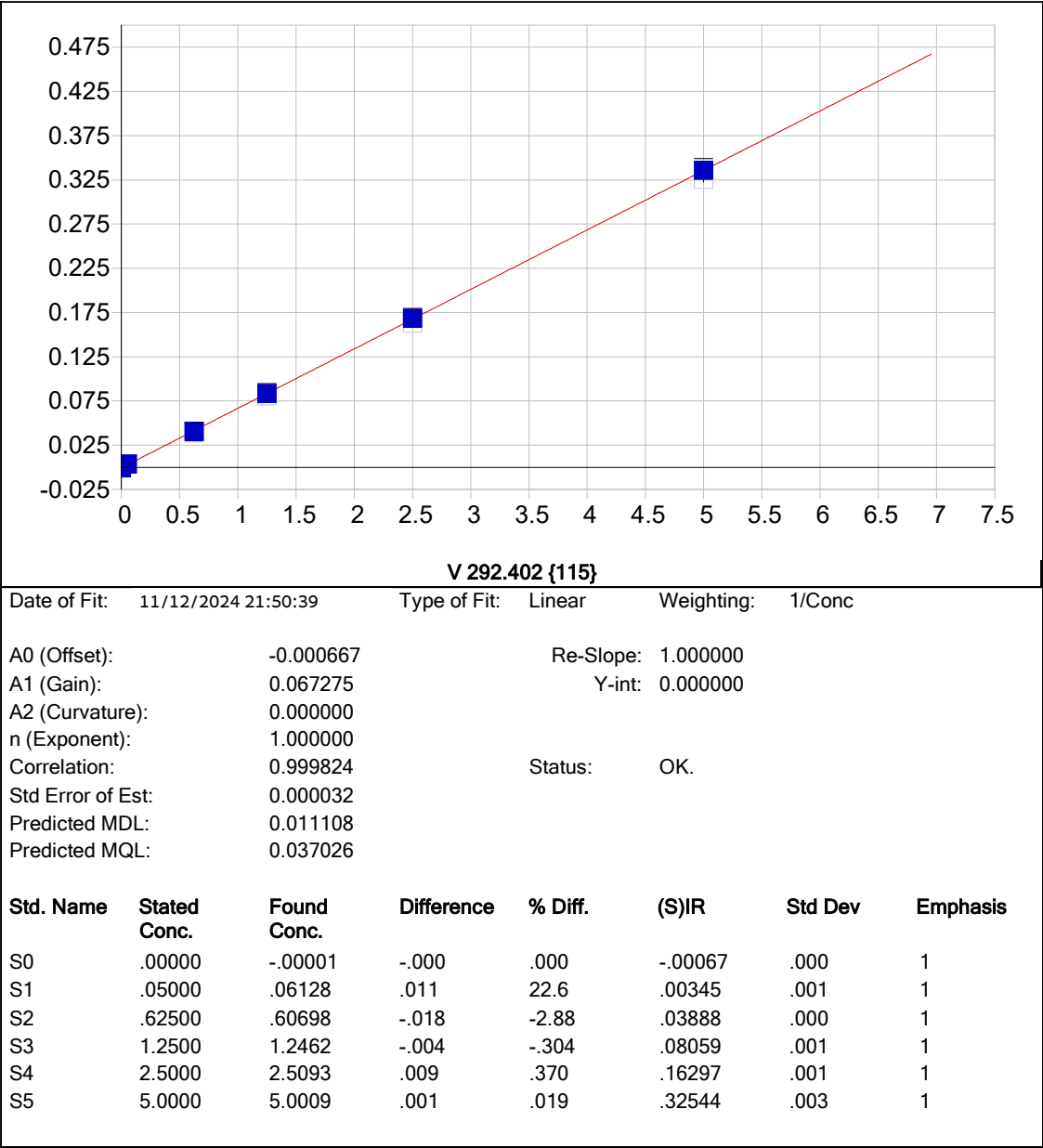


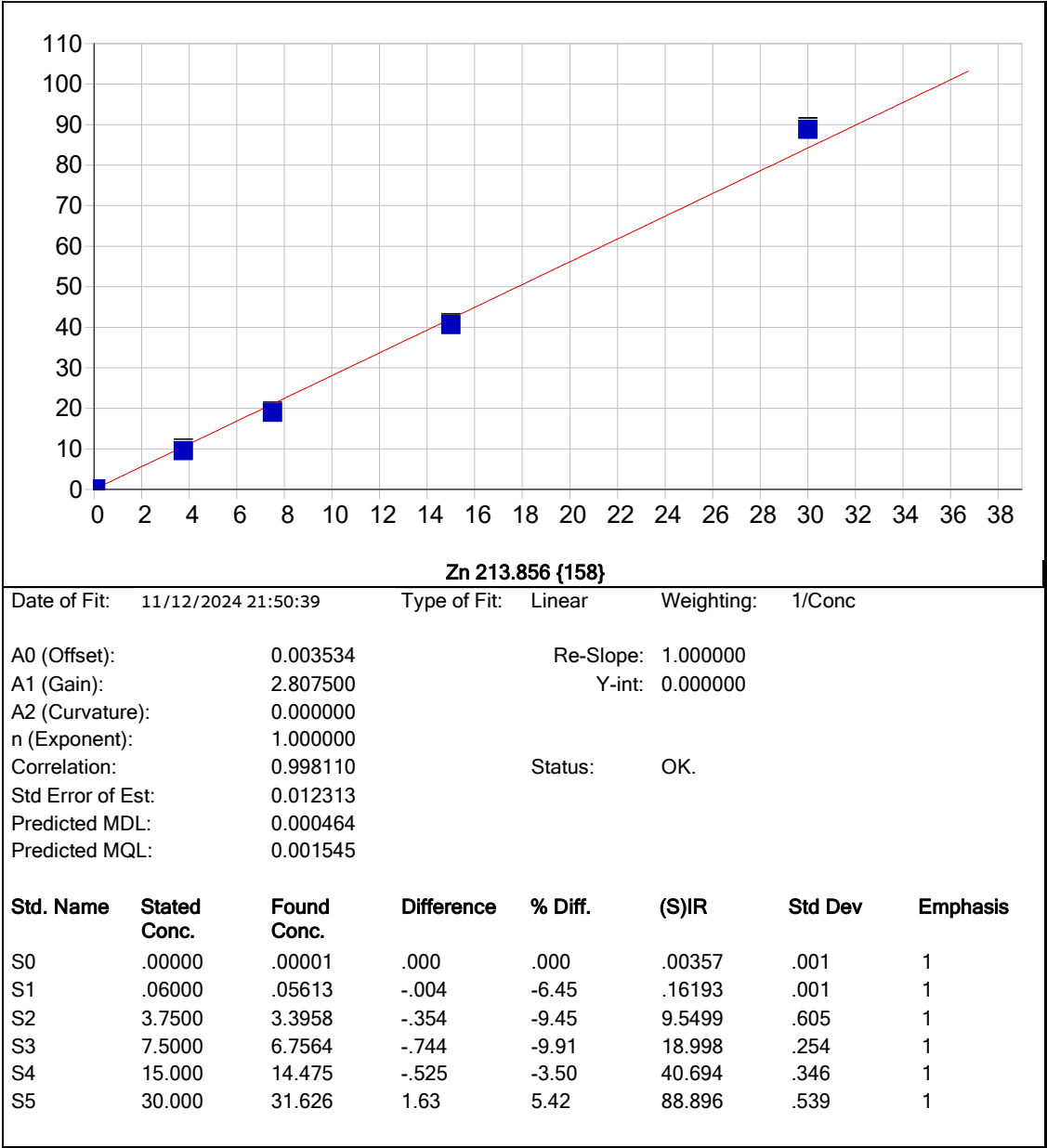


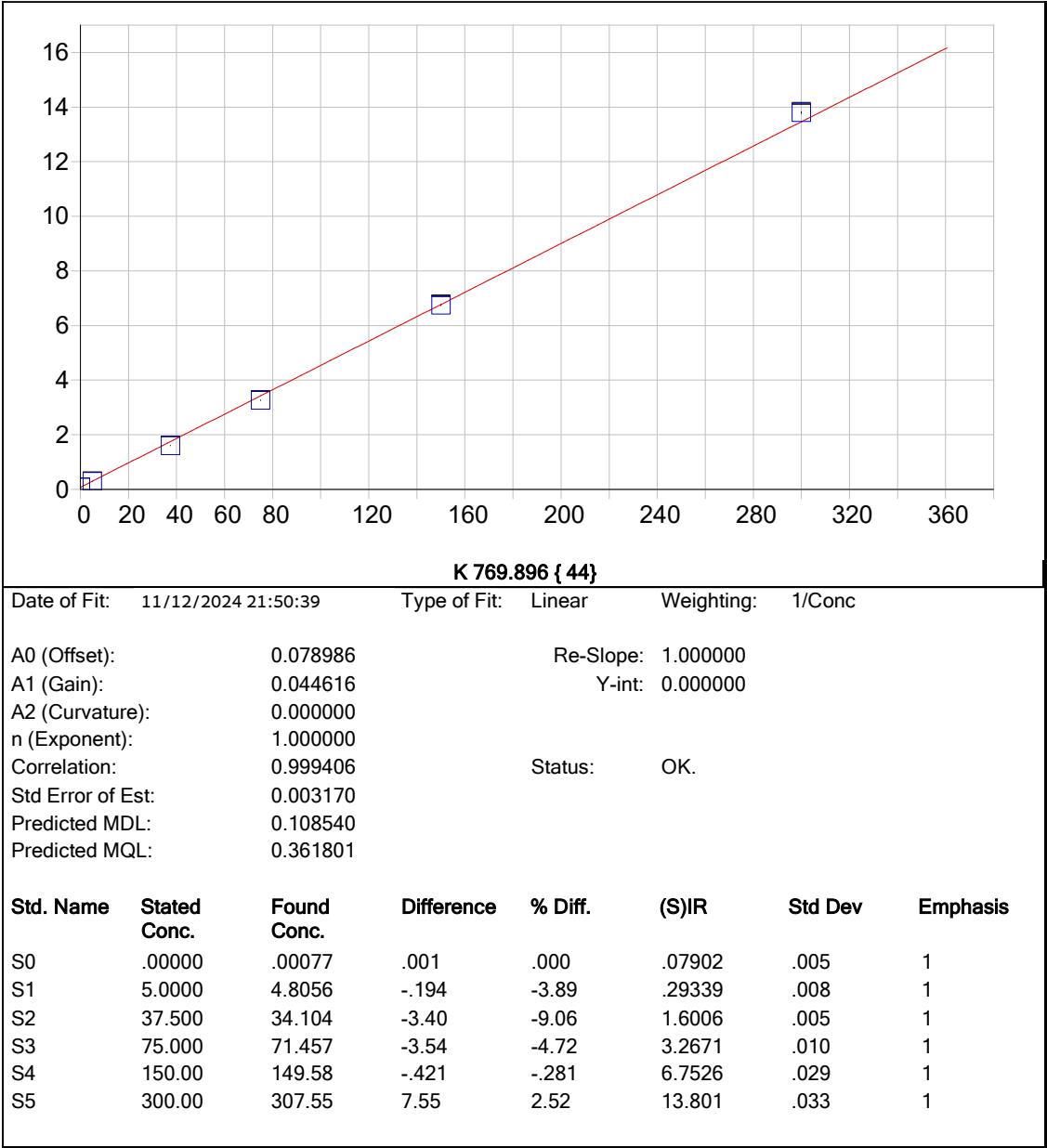


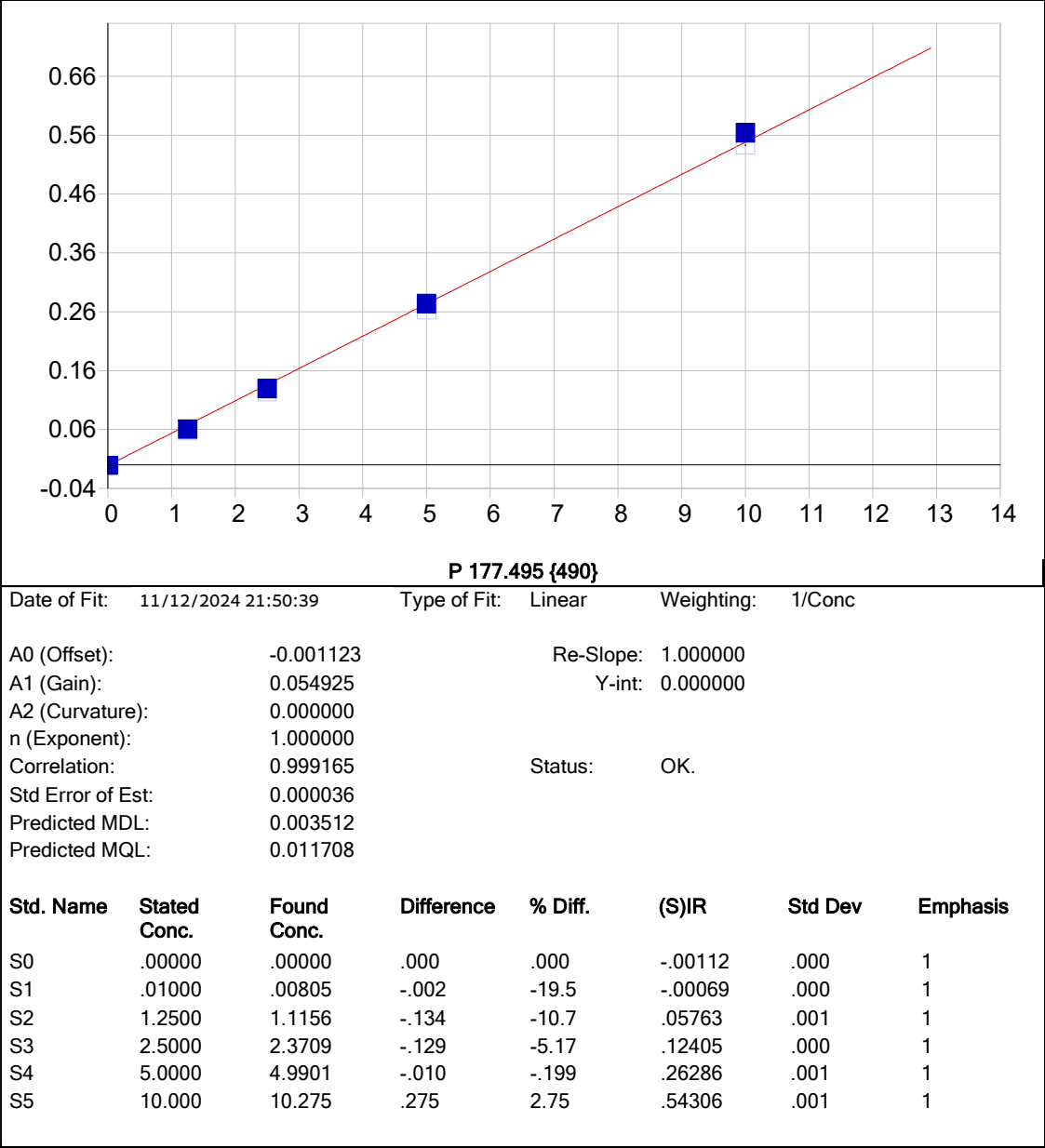


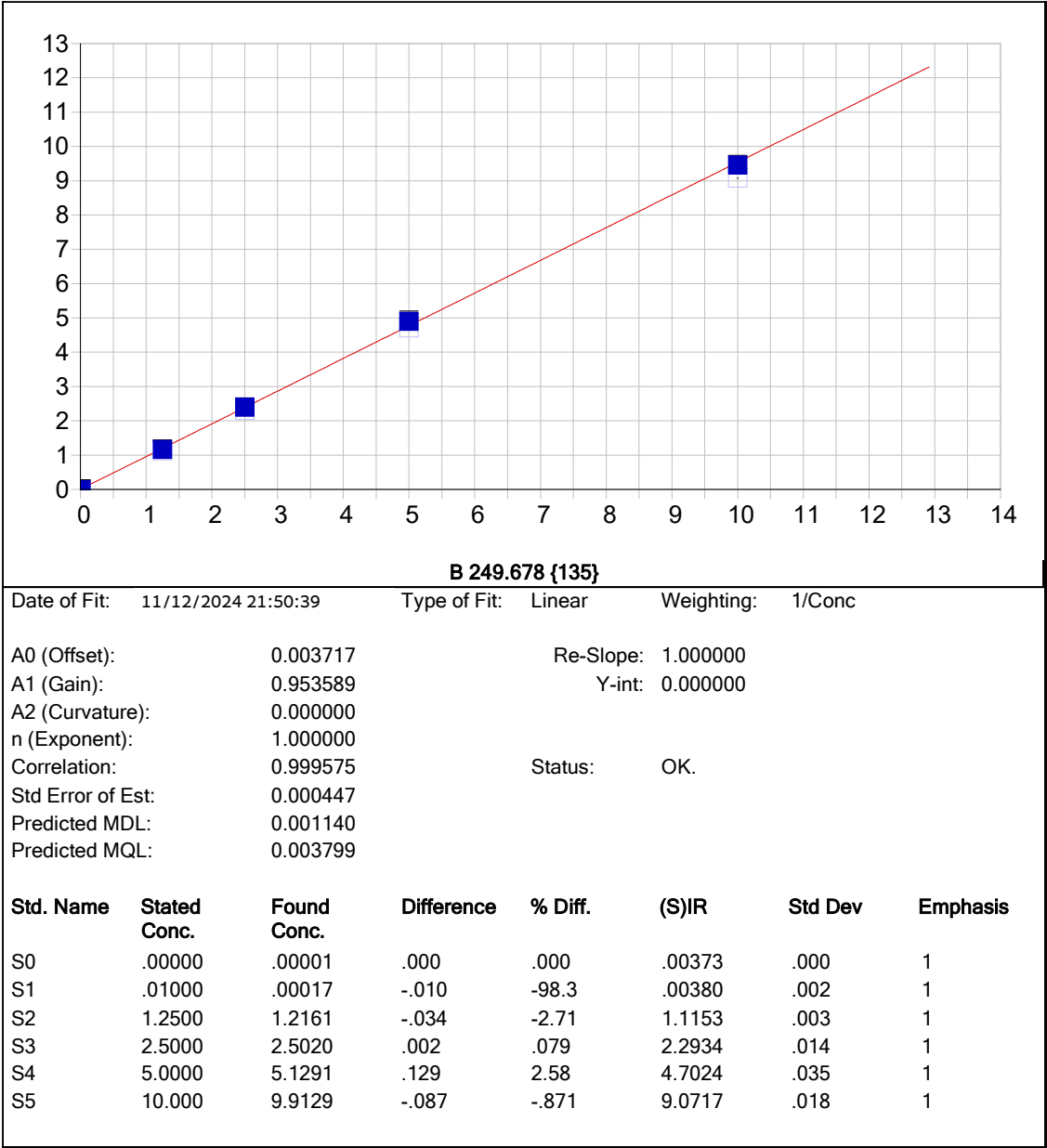
|                   |                     |              |            |            |         |         |          |
|-------------------|---------------------|--------------|------------|------------|---------|---------|----------|
| Date of Fit:      | 11/12/2024 21:50:39 | Type of Fit: | Linear     | Weighting: | 1/Conc  |         |          |
| A0 (Offset):      | -0.011533           |              | Re-Slope:  | 1.000000   |         |         |          |
| A1 (Gain):        | 0.013644            |              | Y-int:     | 0.000000   |         |         |          |
| A2 (Curvature):   | 0.000000            |              |            |            |         |         |          |
| n (Exponent):     | 1.000000            |              |            |            |         |         |          |
| Correlation:      | 0.999820            |              | Status:    | OK.        |         |         |          |
| Std Error of Est: | 0.000800            |              |            |            |         |         |          |
| Predicted MDL:    | 0.271312            |              |            |            |         |         |          |
| Predicted MQL:    | 0.904374            |              |            |            |         |         |          |
|                   |                     |              |            |            |         |         |          |
| Std. Name         | Stated Conc.        | Found Conc.  | Difference | % Diff.    | (S)IR   | Std Dev | Emphasis |
| S0                | .00000              | -.00037      | -.000      | .000       | -.01154 | .003    | 1        |
| S1                | 5.0000              | 5.4643       | .464       | 9.29       | .06302  | .003    | 1        |
| S2                | 37.500              | 35.935       | -1.56      | -4.17      | .47878  | .001    | 1        |
| S3                | 75.000              | 74.068       | -.932      | -1.24      | .99908  | .006    | 1        |
| S4                | 150.00              | 152.71       | 2.71       | 1.81       | 2.0721  | .016    | 1        |
| S5                | 300.00              | 308.21       | 8.21       | 2.74       | 4.1937  | .018    | 1        |
| S6                | 800.00              | 791.12       | -8.88      | -1.11      | 10.783  | .196    | 1        |

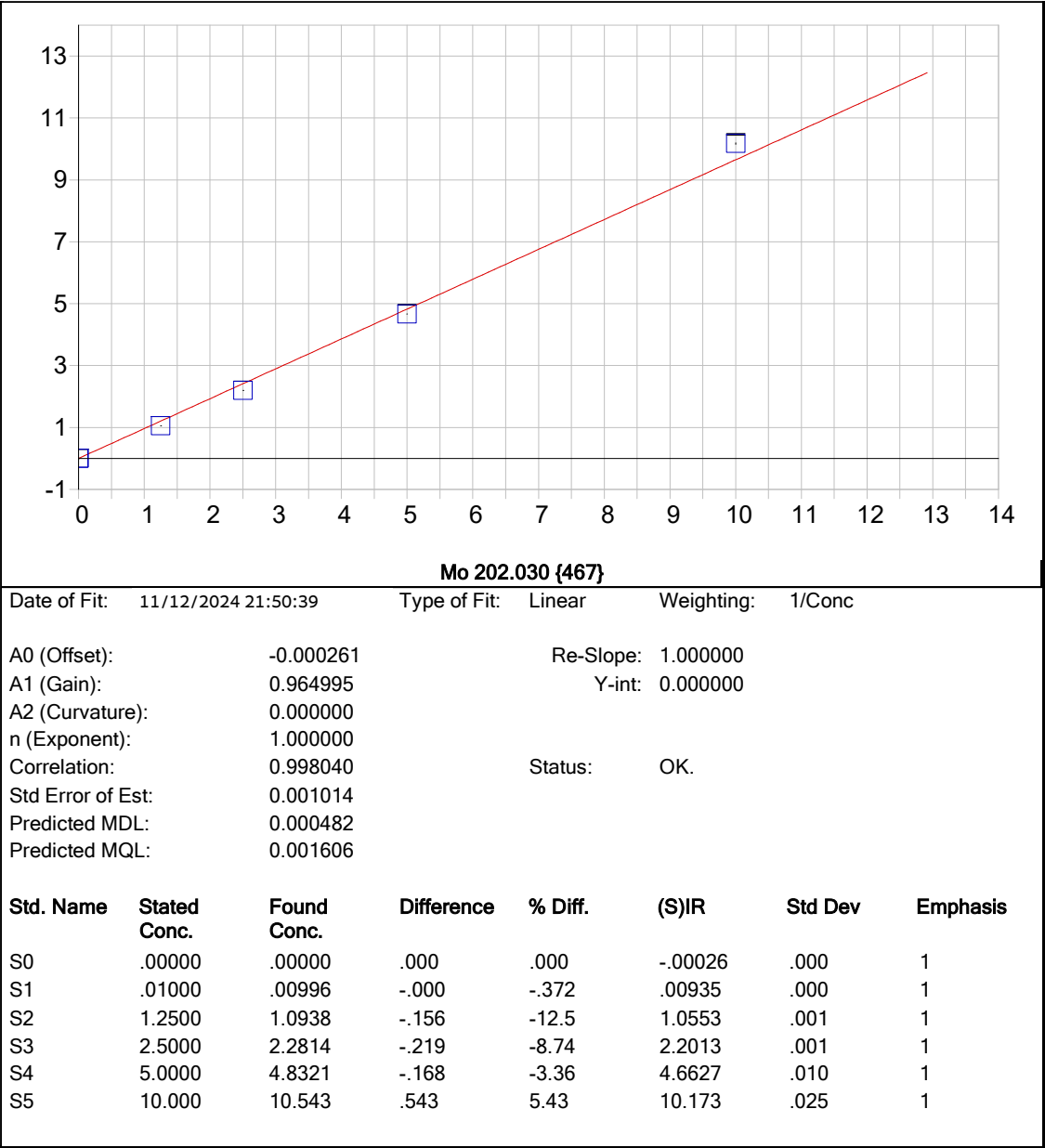


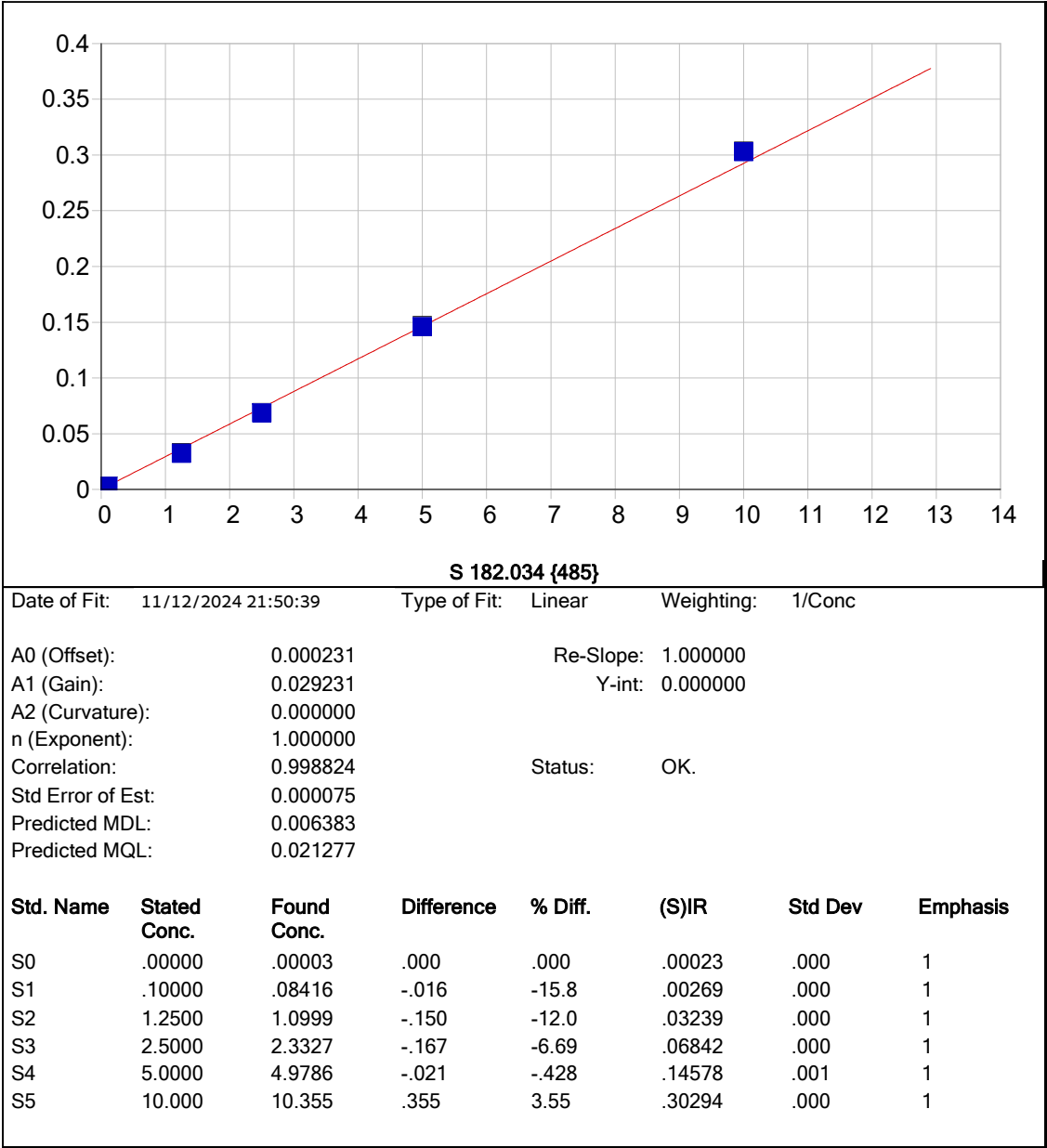




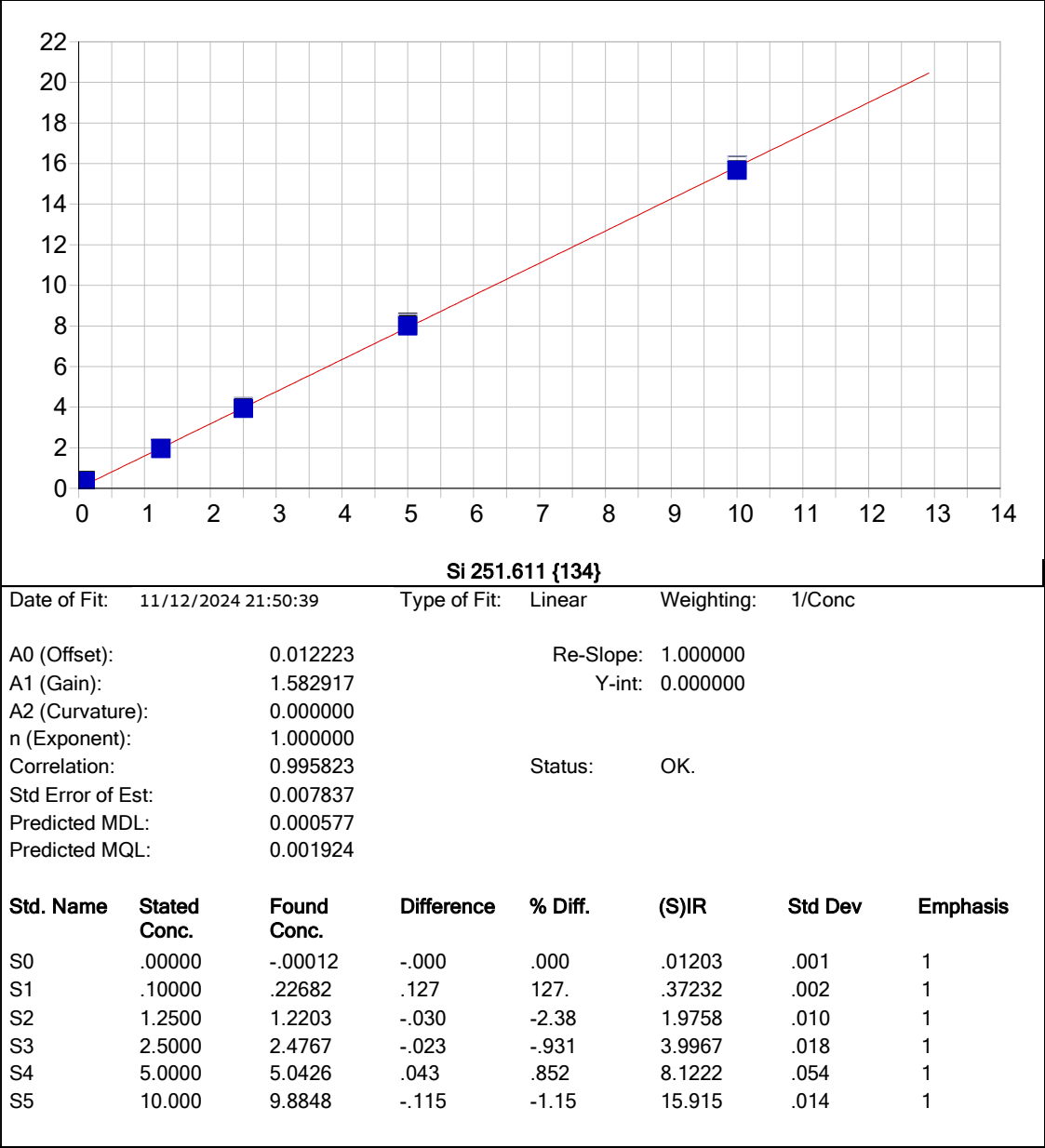


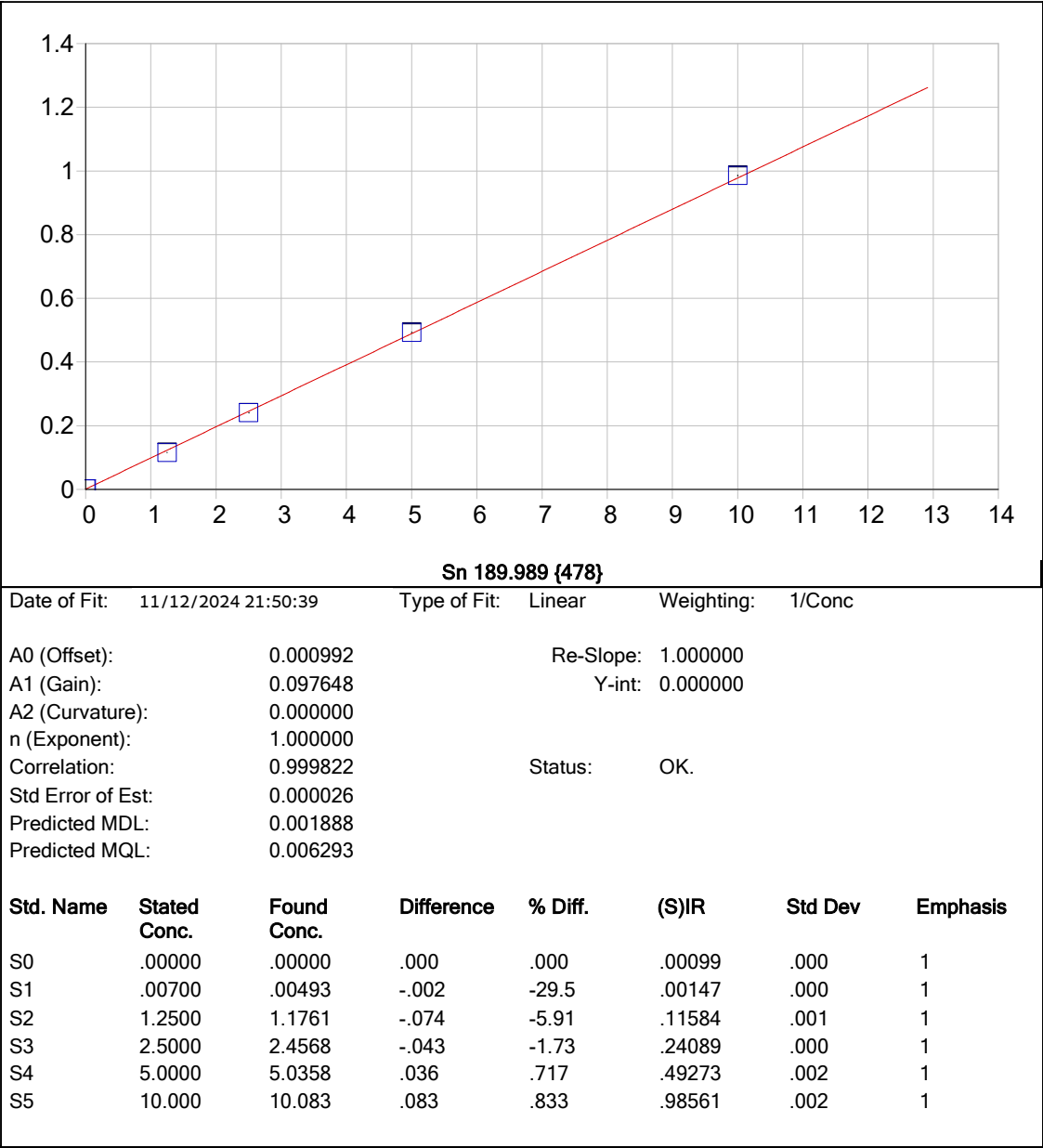


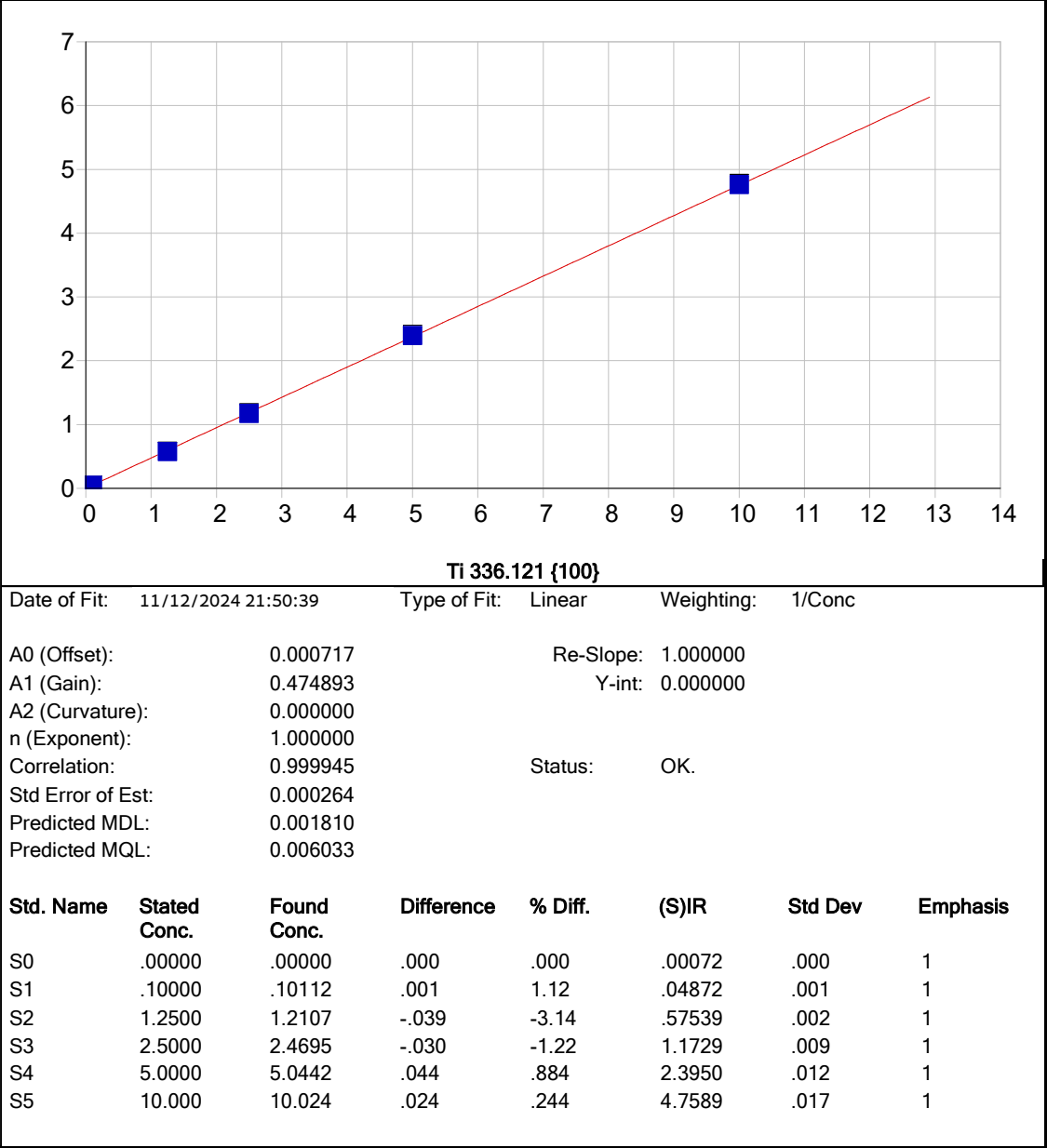


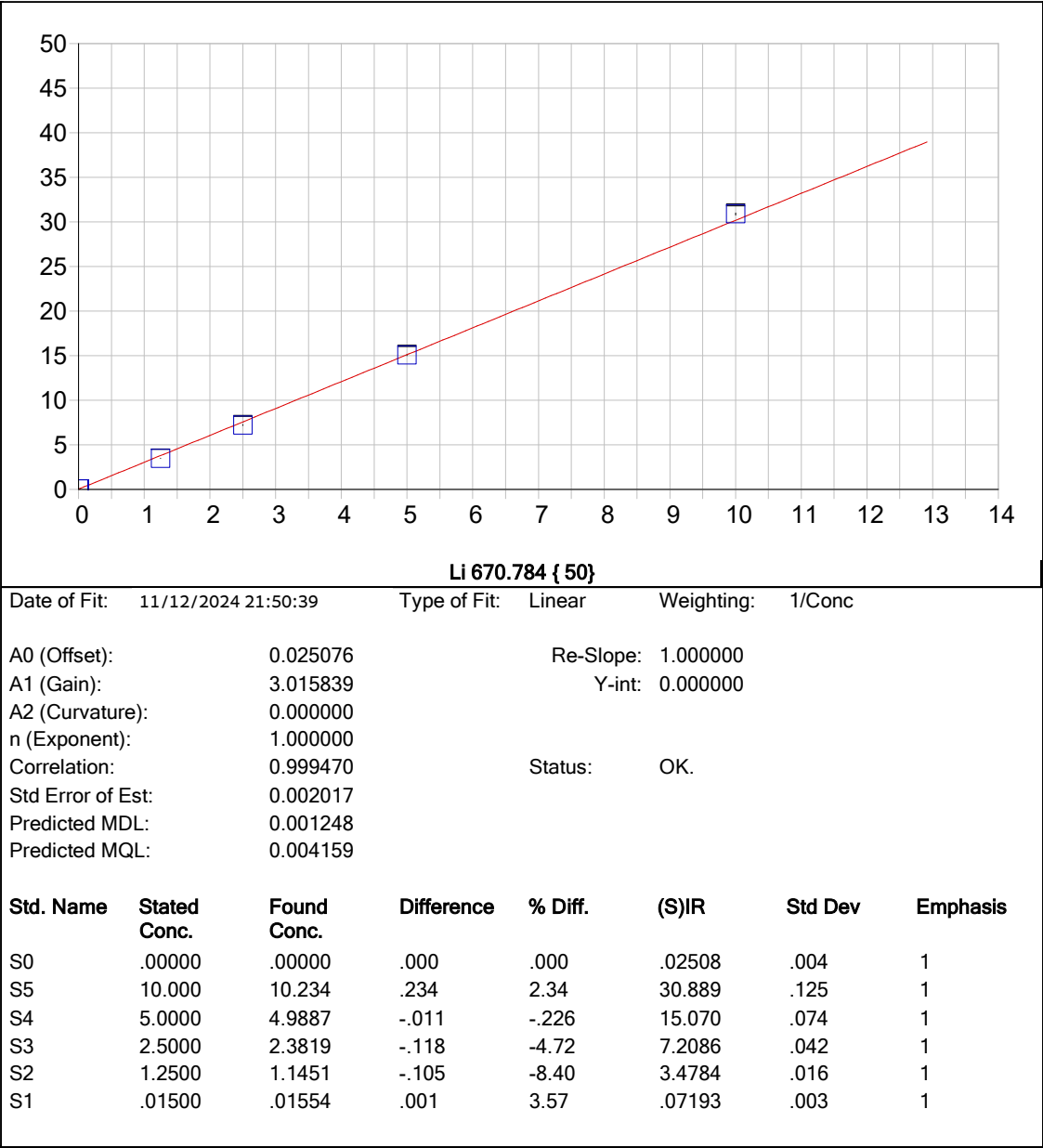


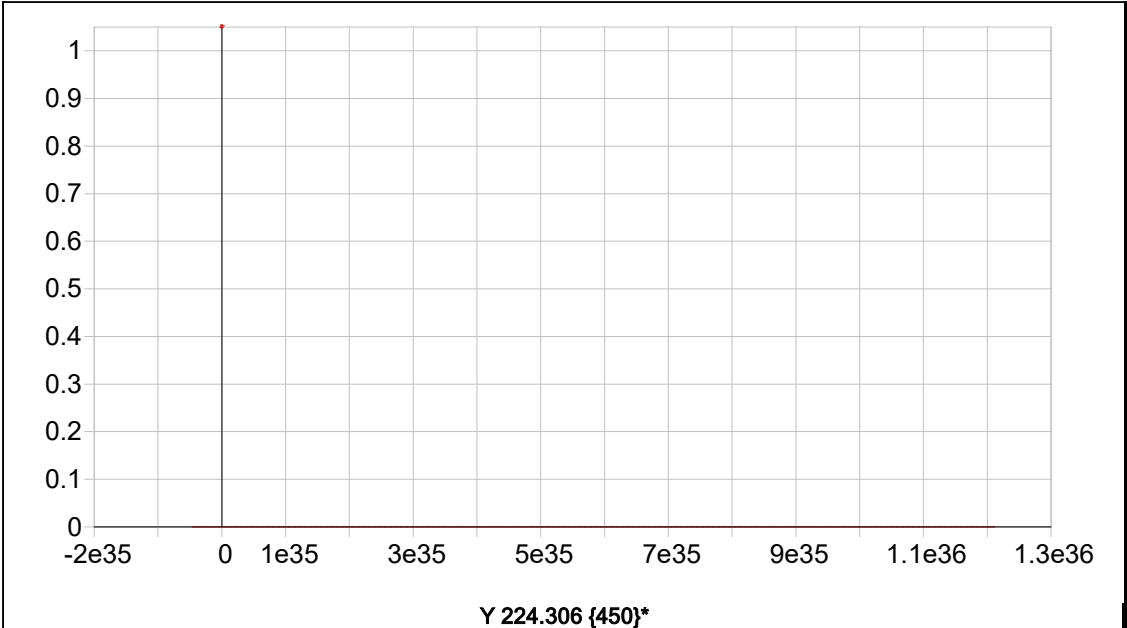






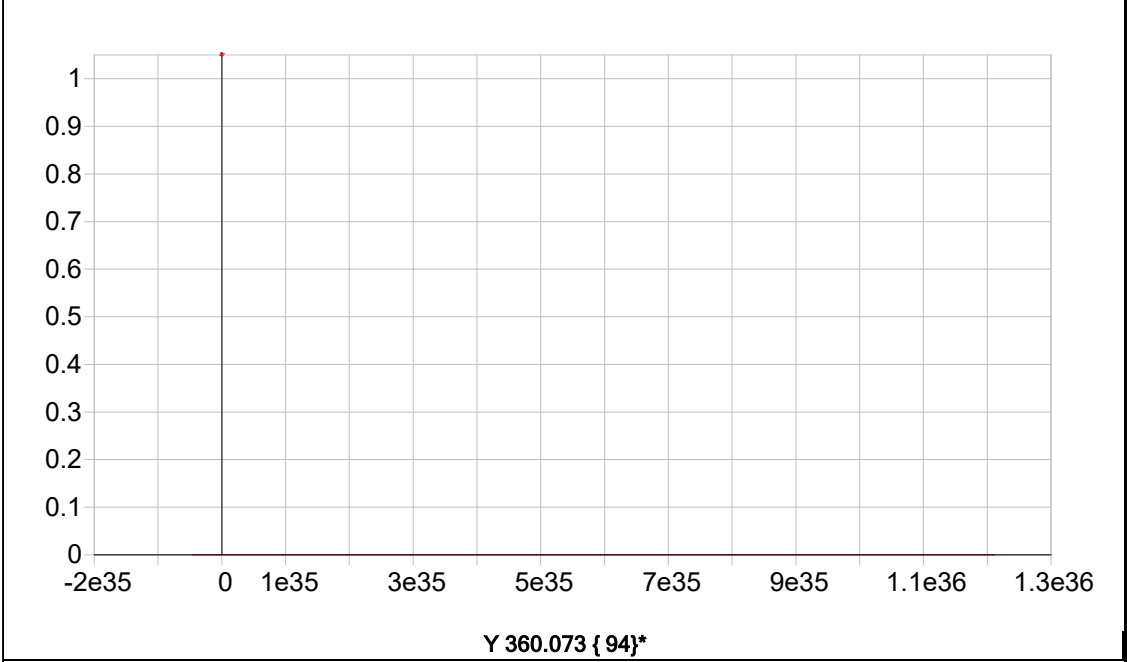




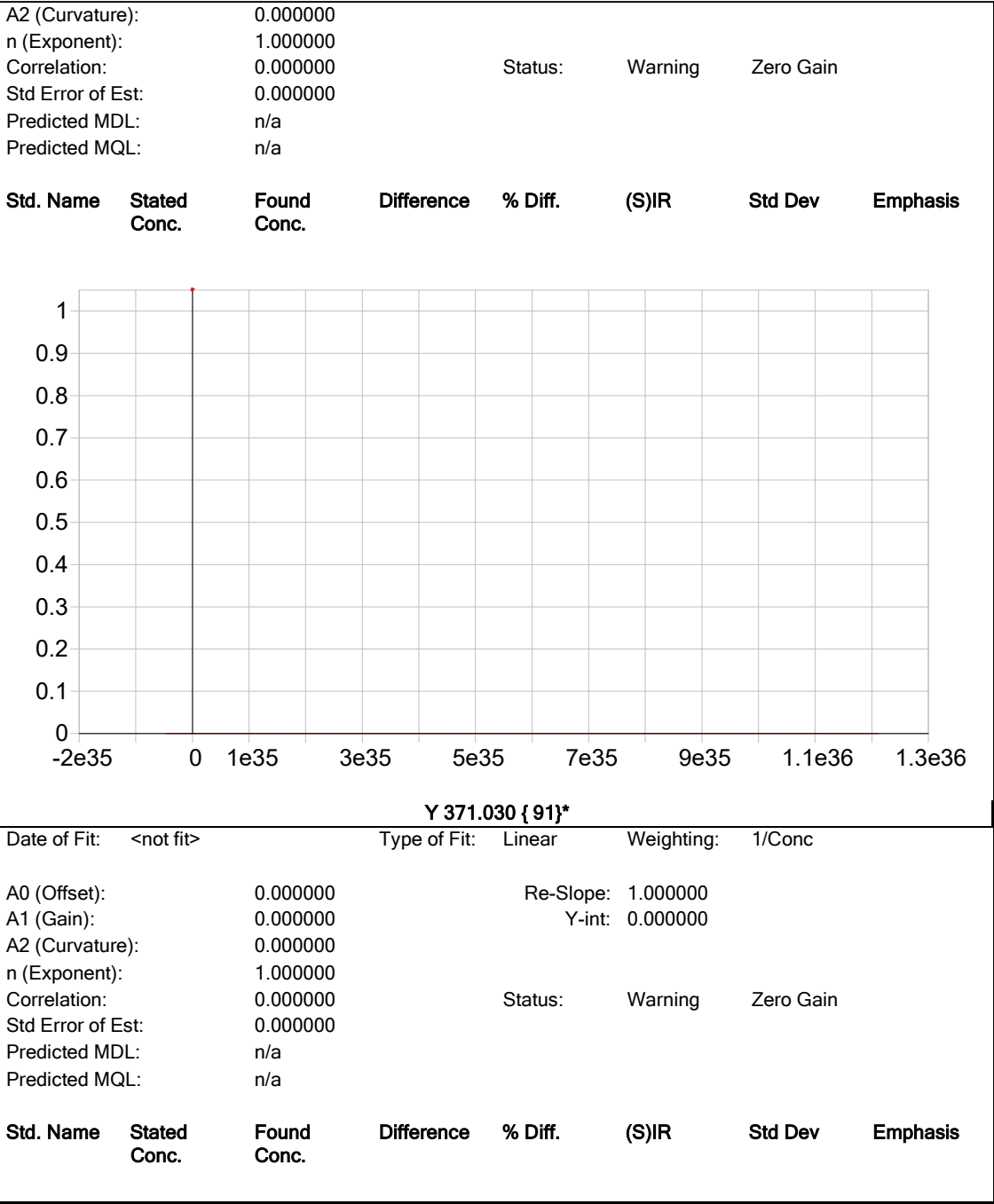


|                   |           |              |           |            |           |
|-------------------|-----------|--------------|-----------|------------|-----------|
| Date of Fit:      | <not fit> | Type of Fit: | Linear    | Weighting: | 1/Conc    |
| A0 (Offset):      | 0.000000  |         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

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



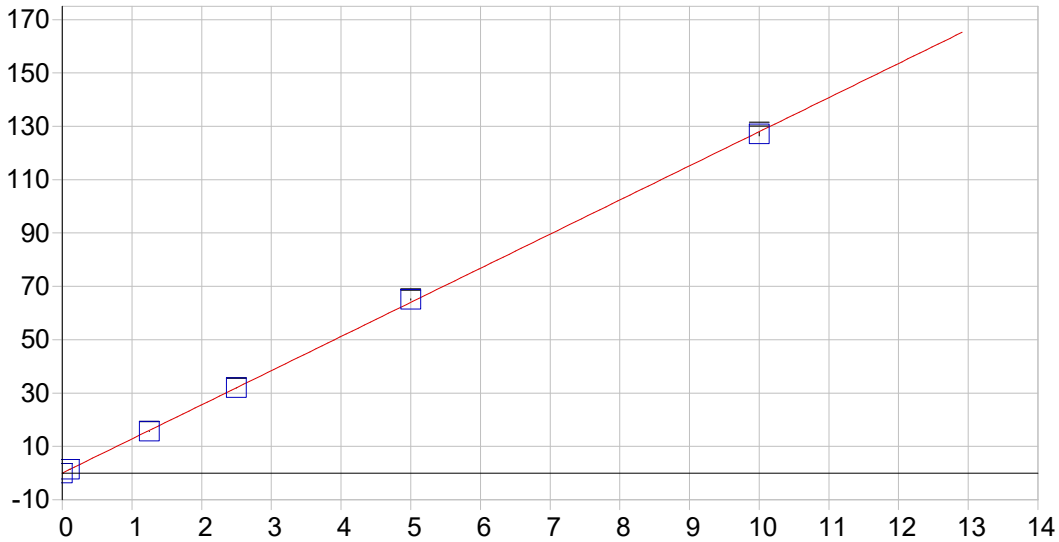
|              |           |              |          |            |        |
|--------------|-----------|--------------|----------|------------|--------|
| Date of Fit: | <not fit> | Type of Fit: | Linear   | Weighting: | 1/Conc |
| A0 (Offset): | 0.000000  | Re-Slope:    | 1.000000 |            |  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





|                   |          |  |         |         |           |  |  |
|-------------------|----------|--|---------|---------|-----------|--|--|
| A2 (Curvature):   | 0.000000 |  |         |         |           |  |  |
| 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 |
|-----------|--------------|-------------|------------|---------|-------|---------|----------|
|-----------|--------------|-------------|------------|---------|-------|---------|----------|



Sr 407.771 { 83}

|                   |                     |              |         |            |          |  |  |
|-------------------|---------------------|--------------|---------|------------|----------|--|--|
| Date of Fit:      | 11/12/2024 21:50:39 | Type of Fit: | Linear  | Weighting: | 1/Conc   |  |  |
| A0 (Offset):      | 0.000260            |              |         | Re-Slope:  | 1.000000 |  |  |
| A1 (Gain):        | 12.797772           |              |         | Y-int:     | 0.000000 |  |  |
| A2 (Curvature):   | 0.000000            |              |         |            |          |  |  |
| n (Exponent):     | 1.000000            |              |         |            |          |  |  |
| Correlation:      | 0.999914            |              | Status: | OK.        |          |  |  |
| Std Error of Est: | 0.008897            |              |         |            |          |  |  |
| Predicted MDL:    | 0.000112            |              |         |            |          |  |  |
| Predicted MQL:    | 0.000375            |              |         |            |          |  |  |

| Std. Name | Stated Conc. | Found Conc. | Difference | % Diff. | (S)IR  | Std Dev | Emphasis |
|-----------|--------------|-------------|------------|---------|--------|---------|----------|
| S0        | .00000       | -.00001     | -.000      | .000    | .00018 | .002    | 1        |
| S1        | .10000       | .10757      | .008       | 7.57    | 1.3770 | .009    | 1        |
| S2        | 1.2500       | 1.2226      | -.027      | -2.19   | 15.647 | .067    | 1        |
| S3        | 2.5000       | 2.4964      | -.004      | -.145   | 31.948 | .096    | 1        |
| S4        | 5.0000       | 5.0896      | .090       | 1.79    | 65.136 | .257    | 1        |
| S5        | 10.000       | 9.9338      | -.066      | -.662   | 127.13 | .736    | 1        |



Sample Name: S0      Acquired: 11/12/2024 21:15:10      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .00006  | -.00026 | -.00055 | .00014  | -.00010 | -.00193 | -.00346 | -.00207 |
| Stddev | .00009  | .00008  | .00016  | .00030  | .00039  | .00080  | .00071  | .00086  |
| %RSD   | 166.07  | 29.154  | 29.825  | 212.63  | 386.39  | 41.697  | 20.606  | 41.297  |
| #1     | .00005  | -.00023 | -.00058 | -.00020 | -.00016 | -.00170 | -.00303 | -.00124 |
| #2     | .00015  | -.00035 | -.00070 | .00025  | -.00046 | -.00282 | -.00428 | -.00203 |
| #3     | -.00003 | -.00020 | -.00037 | .00037  | .00032  | -.00126 | -.00307 | -.00295 |
| 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    | .00045  | .00586  | -.00006 | -.00043 | .00151  | .00039  | .00016  | -.00026 |
| Stddev | .00024  | .00072  | .00024  | .00009  | .00015  | .00007  | .00021  | .00032  |
| %RSD   | 53.811  | 12.363  | 398.73  | 19.990  | 9.6261  | 18.941  | 131.50  | 123.12  |
| #1     | .00058  | .00655  | -.00034 | -.00053 | .00136  | .00043  | -.00001 | -.00047 |
| #2     | .00017  | .00511  | .00004  | -.00039 | .00154  | .00030  | .00039  | .00011  |
| #3     | .00059  | .00591  | .00012  | -.00038 | .00165  | .00043  | .00010  | -.00041 |
| 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    | .00012  | .02126  | -.01154 | -.00067 | .00357  | .07902  | -.00112 | .00373  |
| Stddev | .00019  | .00016  | .00345  | .00044  | .00117  | .00452  | .00012  | .00044  |
| %RSD   | 153.80  | .75117  | 29.900  | 66.420  | 32.701  | 5.7230  | 10.714  | 11.799  |
| #1     | .00033  | .02133  | -.00989 | -.00068 | .00326  | .07466  | -.00107 | .00351  |
| #2     | -.00002 | .02137  | -.01550 | -.00110 | .00259  | .07871  | -.00104 | .00423  |
| #3     | .00005  | .02107  | -.00923 | -.00022 | .00487  | .08369  | -.00126 | .00344  |
| Elem   | Mo2020  | S_1820  | Si2516  | Sn1899  | Ti3361  | Li6707  | Sr4077  |         |
| Units  | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   | Cts/S   |         |
| Avg    | -.00026 | .00023  | .01203  | .00099  | .00072  | .02508  | .00018  |         |
| Stddev | .00015  | .00008  | .00054  | .00024  | .00041  | .00351  | .00205  |         |
| %RSD   | 59.686  | 33.171  | 4.4847  | 24.200  | 56.490  | 13.980  | 1146.6  |         |
| #1     | -.00018 | .00016  | .01177  | .00114  | .00027  | .02139  | .00236  |         |
| #2     | -.00044 | .00022  | .01166  | .00072  | .00082  | .02547  | -.00013 |         |
| #3     | -.00016 | .00031  | .01265  | .00113  | .00106  | .02837  | -.00170 |         |

Sample Name: S0      Acquired: 11/12/2024 21:15:10      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 880.96 | 23629. | 2532.0 | 784.24 | 1782.6 |
| Stddev    | 2.17   | 56.    | 3.6    | .91    | 2.7    |
| %RSD      | .24580 | .23873 | .14218 | .11664 | .15312 |
| #1        | 878.90 | 23593. | 2529.0 | 784.30 | 1779.6 |
| #2        | 880.77 | 23599. | 2536.0 | 783.30 | 1784.8 |
| #3        | 883.22 | 23694. | 2531.0 | 785.13 | 1783.4 |

Sample Name: S1      Acquired: 11/12/2024 21:19:44      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .00048 | .00140 | .00091 | .00288 | .01163 | .02012 | 1.4466  | .05538 |
| Stddev | .00019 | .00022 | .00024 | .00059 | .00052 | .00057 | .0081   | .00062 |
| %RSD   | 39.111 | 15.535 | 26.481 | 20.628 | 4.4519 | 2.8101 | .55704  | 1.1167 |
| #1     | .00055 | .00122 | .00114 | .00266 | .01109 | .01961 | 1.4395  | .05499 |
| #2     | .00026 | .00133 | .00066 | .00242 | .01167 | .02073 | 1.4450  | .05507 |
| #3     | .00061 | .00164 | .00095 | .00355 | .01212 | .02003 | 1.4553  | .05610 |
| 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    | .01049 | .38528 | .00182 | .03111 | .00509 | .00171 | .00405  | .02568 |
| Stddev | .00017 | .00085 | .00011 | .00007 | .00042 | .00044 | .00048  | .00019 |
| %RSD   | 1.6472 | .22055 | 5.9824 | .21471 | 8.2744 | 25.632 | 11.815  | .75792 |
| #1     | .01033 | .38608 | .00185 | .03103 | .00558 | .00123 | .00452  | .02574 |
| #2     | .01067 | .38536 | .00170 | .03116 | .00483 | .00208 | .00408  | .02546 |
| #3     | .01047 | .38439 | .00191 | .03114 | .00487 | .00181 | .00356  | .02583 |
| 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    | .02393 | .02532 | .06302 | .00345 | .16193 | .29339 | -.00069 | .00380 |
| Stddev | .00044 | .00010 | .00333 | .00086 | .00150 | .00760 | .00005  | .00180 |
| %RSD   | 1.8216 | .38135 | 5.2824 | 24.995 | .92540 | 2.5893 | 7.8713  | 47.460 |
| #1     | .02353 | .02542 | .05981 | .00276 | .16097 | .28680 | -.00072 | .00544 |
| #2     | .02387 | .02522 | .06646 | .00317 | .16366 | .29169 | -.00073 | .00187 |
| #3     | .02440 | .02531 | .06280 | .00441 | .16117 | .30170 | -.00063 | .00408 |
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077  |        |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S   |        |
| Avg    | .00935 | .00269 | .37232 | .00147 | .04872 | .07193 | 1.3770  |        |
| Stddev | .00043 | .00013 | .00244 | .00011 | .00090 | .00251 | .0091   |        |
| %RSD   | 4.5510 | 4.6848 | .65635 | 7.6594 | 1.8535 | 3.4834 | .66238  |        |
| #1     | .00886 | .00278 | .37001 | .00146 | .04797 | .06906 | 1.3681  |        |
| #2     | .00963 | .00274 | .37208 | .00137 | .04972 | .07305 | 1.3765  |        |
| #3     | .00957 | .00255 | .37488 | .00159 | .04847 | .07367 | 1.3863  |        |

Sample Name: S1      Acquired: 11/12/2024 21:19:44      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 882.57 | 23648. | 2563.5 | 787.03 | 1763.3 |
| Stddev    | 1.24   | 53.    | 14.3   | 2.61   | 4.1    |
| %RSD      | .14091 | .22609 | .55729 | .33165 | .23184 |
| #1        | 881.25 | 23587. | 2565.2 | 784.02 | 1758.6 |
| #2        | 883.71 | 23683. | 2576.9 | 788.65 | 1766.1 |
| #3        | 882.76 | 23675. | 2548.5 | 788.42 | 1765.3 |

Sample Name: S2      Acquired: 11/12/2024 21:24:18      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .03636 | .08033 | .85806 | .08533 | .23510 | 4.2362 | 16.379 | 1.2873 |
| Stddev | .00009 | .00061 | .00116 | .00046 | .00178 | .0193  | .080   | .0103  |
| %RSD   | .23937 | .75690 | .13508 | .54376 | .75785 | .45597 | .49027 | .79873 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .03627 | .08027 | .85708 | .08530 | .23577 | 4.2503 | 16.437 | 1.2815 |
| #2 | .03637 | .07975 | .85776 | .08580 | .23645 | 4.2441 | 16.412 | 1.2812 |
| #3 | .03644 | .08096 | .85934 | .08488 | .23308 | 4.2142 | 16.287 | 1.2992 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.1610 | 4.2384 | .70909 | .36362 | .63095 | .43806 | .87005 | .29319 |
| Stddev | .0029  | .0204  | .04694 | .00032 | .00354 | .00202 | .00330 | .00045 |
| %RSD   | .24512 | .48161 | 6.6201 | .08693 | .56062 | .46058 | .37963 | .15497 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 1.1622 | 4.2354 | .68598 | .36398 | .63291 | .43982 | .87250 | .29339 |
| #2 | 1.1578 | 4.2601 | .67818 | .36346 | .63308 | .43850 | .87136 | .29352 |
| #3 | 1.1631 | 4.2196 | .76311 | .36341 | .62687 | .43586 | .86630 | .29267 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .33441 | .13731 | .47878 | .03888 | 9.5499 | 1.6006 | .05763 | 1.1153 |
| Stddev | .00049 | .00823 | .00090 | .00043 | .6049  | .0050  | .00072 | .0031  |
| %RSD   | .14780 | 5.9956 | .18721 | 1.1015 | 6.3342 | .31225 | 1.2462 | .27810 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33489 | .13303 | .47778 | .03924 | 9.2114 | 1.6015 | .05756 | 1.1186 |
| #2 | .33391 | .13210 | .47953 | .03840 | 9.1900 | 1.6050 | .05695 | 1.1124 |
| #3 | .33443 | .14680 | .47902 | .03899 | 10.248 | 1.5951 | .05838 | 1.1149 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 1.0553 | .03239 | 1.9758 | .11584 | .57539 | 3.4784 | 15.647 |  |
| Stddev | .0013  | .00029 | .0104  | .00068 | .00193 | .0159  | .067   |  |
| %RSD   | .12621 | .89444 | .52733 | .58824 | .33627 | .45720 | .43094 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 1.0550 | .03215 | 1.9876 | .11585 | .57742 | 3.4900 | 15.705 |  |
| #2 | 1.0541 | .03230 | 1.9678 | .11515 | .57517 | 3.4848 | 15.661 |  |
| #3 | 1.0567 | .03271 | 1.9721 | .11652 | .57357 | 3.4603 | 15.573 |  |

Sample Name: S2      Acquired: 11/12/2024 21:24:18      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 839.31 | 22509. | 2533.9 | 715.41 | 1611.9 |
| Stddev    | .69    | 1239.  | 9.1    | 41.27  | 1.1    |
| %RSD      | .08236 | 5.5062 | .35906 | 5.7695 | .07012 |
| #1        | 838.61 | 23118. | 2525.7 | 737.59 | 1613.1 |
| #2        | 839.35 | 23326. | 2532.2 | 740.85 | 1612.0 |
| #3        | 839.99 | 21083. | 2543.7 | 667.78 | 1610.8 |

Sample Name: S3      Acquired: 11/12/2024 21:28:38      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .07665 | .16413 | 1.7739 | .17671 | .49461 | 8.7466 | 33.587 | 2.6308 |
| Stddev | .00037 | .00021 | .0023  | .00093 | .00166 | .0370  | .151   | .0126  |
| %RSD   | .47975 | .12925 | .13206 | .52892 | .33515 | .42332 | .44989 | .48021 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .07645 | .16394 | 1.7715 | .17673 | .49504 | 8.7576 | 33.674 | 2.6285 |
| #2 | .07642 | .16409 | 1.7741 | .17577 | .49277 | 8.7770 | 33.674 | 2.6444 |
| #3 | .07707 | .16436 | 1.7761 | .17764 | .49600 | 8.7054 | 33.412 | 2.6195 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 2.3937 | 8.6327 | 1.3762 | .75338 | 1.2894 | .88448 | 1.7670 | .61046 |
| Stddev | .0014  | .0264  | .0162  | .00063 | .0073  | .00453 | .0041  | .00326 |
| %RSD   | .05886 | .30536 | 1.1746 | .08366 | .56948 | .51163 | .23198 | .53341 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.3926 | 8.6330 | 1.3851 | .75401 | 1.2926 | .88829 | 1.7694 | .61211 |
| #2 | 2.3932 | 8.6589 | 1.3860 | .75275 | 1.2945 | .88568 | 1.7693 | .61255 |
| #3 | 2.3953 | 8.6062 | 1.3575 | .75338 | 1.2810 | .87948 | 1.7623 | .60670 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | .68908 | .25016 | .99908 | .08059 | 18.998 | 3.2671 | .12405 | 2.2934 |
| Stddev | .00077 | .00246 | .00601 | .00095 | .254   | .0104  | .00014 | .0138  |
| %RSD   | .11159 | .98339 | .60141 | 1.1782 | 1.3362 | .31796 | .11193 | .60187 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .68965 | .25126 | 1.0047 | .08007 | 18.987 | 3.2739 | .12391 | 2.3037 |
| #2 | .68938 | .25189 | .99980 | .08168 | 19.257 | 3.2722 | .12419 | 2.2987 |
| #3 | .68821 | .24734 | .99274 | .08001 | 18.749 | 3.2551 | .12405 | 2.2777 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 2.2013 | .06842 | 3.9967 | .24089 | 1.1729 | 7.2086 | 31.948 |  |
| Stddev | .0010  | .00028 | .0182  | .00019 | .0090  | .0420  | .096   |  |
| %RSD   | .04336 | .40530 | .45435 | .07751 | .76989 | .58286 | .29905 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 2.2002 | .06861 | 4.0016 | .24071 | 1.1735 | 7.2177 | 32.017 |  |
| #2 | 2.2021 | .06811 | 4.0119 | .24108 | 1.1816 | 7.2453 | 31.989 |  |
| #3 | 2.2015 | .06856 | 3.9766 | .24088 | 1.1636 | 7.1628 | 31.839 |  |

Sample Name: S3      Acquired: 11/12/2024 21:28:38      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 799.80 | 22823. | 2488.3 | 698.67 | 1527.1 |
| Stddev    | .19    | 178.   | 2.0    | 6.50   | 1.6    |
| %RSD      | .02390 | .78167 | .07951 | .92963 | .10775 |
| #1        | 799.61 | 22717. | 2488.5 | 699.65 | 1526.8 |
| #2        | 799.80 | 22722. | 2486.2 | 691.75 | 1525.7 |
| #3        | 799.99 | 23029. | 2490.1 | 704.63 | 1528.9 |



Sample Name: S4      Acquired: 11/12/2024 21:32:55      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .16103 | .32900 | 3.5996 | .37924 | 1.0661 | 18.168 | 68.967 | 5.3862 |
| Stddev | .00078 | .00054 | .0052  | .00054 | .0040  | .097   | .235   | .0439  |
| %RSD   | .48297 | .16284 | .14548 | .14256 | .37973 | .53366 | .34093 | .81509 |
| #1     | .16039 | .32864 | 3.5937 | .37918 | 1.0631 | 18.061 | 68.707 | 5.3442 |
| #2     | .16190 | .32874 | 3.6012 | .37981 | 1.0646 | 18.195 | 69.031 | 5.3825 |
| #3     | .16082 | .32961 | 3.6038 | .37873 | 1.0707 | 18.249 | 69.164 | 5.4318 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 4.8360 | 17.655 | 2.7921 | 1.5411 | 2.6506 | 1.7758 | 3.5605 | 1.2745 |
| Stddev | .0126  | .101   | .0022  | .0024  | .0089  | .0089  | .0252  | .0060  |
| %RSD   | .26001 | .57458 | .08003 | .15606 | .33409 | .50422 | .70830 | .47250 |
| #1     | 4.8223 | 17.542 | 2.7896 | 1.5386 | 2.6432 | 1.7655 | 3.5345 | 1.2676 |
| #2     | 4.8385 | 17.687 | 2.7938 | 1.5434 | 2.6482 | 1.7815 | 3.5622 | 1.2777 |
| #3     | 4.8471 | 17.737 | 2.7929 | 1.5413 | 2.6604 | 1.7804 | 3.5849 | 1.2782 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 1.4007 | .50287 | 2.0721 | .16297 | 40.694 | 6.7526 | .26286 | 4.7024 |
| Stddev | .0026  | .00124 | .0157  | .00128 | .346   | .0291  | .00134 | .0346  |
| %RSD   | .18226 | .24692 | .75569 | .78504 | .85141 | .43173 | .51097 | .73644 |
| #1     | 1.3982 | .50162 | 2.0549 | .16151 | 40.321 | 6.7207 | .26155 | 4.6639 |
| #2     | 1.4033 | .50411 | 2.0756 | .16388 | 40.757 | 6.7592 | .26280 | 4.7121 |
| #3     | 1.4007 | .50287 | 2.0857 | .16353 | 41.006 | 6.7779 | .26423 | 4.7311 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 4.6627 | .14578 | 8.1222 | .49273 | 2.3950 | 15.070 | 65.136 |  |
| Stddev | .0100  | .00078 | .0539  | .00156 | .0117  | .074   | .257   |  |
| %RSD   | .21449 | .53838 | .66322 | .31646 | .48761 | .49083 | .39479 |  |
| #1     | 4.6514 | .14512 | 8.0636 | .49094 | 2.3827 | 14.986 | 64.868 |  |
| #2     | 4.6662 | .14556 | 8.1333 | .49377 | 2.3963 | 15.101 | 65.160 |  |
| #3     | 4.6704 | .14665 | 8.1696 | .49348 | 2.4060 | 15.124 | 65.381 |  |

Sample Name: S4      Acquired: 11/12/2024 21:32:55      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 739.14 | 22013. | 2435.5 | 615.52 | 1438.7 |
| Stddev    | .77    | 32.    | 11.8   | 4.16   | 1.2    |
| %RSD      | .10456 | .14664 | .48499 | .67535 | .08277 |
| #1        | 739.85 | 21980. | 2445.5 | 619.78 | 1439.8 |
| #2        | 739.24 | 22045. | 2438.6 | 615.31 | 1438.8 |
| #3        | 738.32 | 22013. | 2422.5 | 611.47 | 1437.5 |

Sample Name: S5      Acquired: 11/12/2024 21:37:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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    | .33770 | .63940 | 7.2213 | .84233 | 2.4156 | 37.125 | 135.59 | 10.626 |
| Stddev | .00025 | .00090 | .0124  | .00346 | .0043  | .136   | .52    | .027   |
| %RSD   | .07273 | .14126 | .17126 | .41132 | .17745 | .36514 | .38103 | .25507 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | .33786 | .63836 | 7.2080 | .83892 | 2.4107 | 36.977 | 135.01 | 10.626 |
| #2 | .33782 | .63985 | 7.2235 | .84585 | 2.4180 | 37.243 | 135.75 | 10.653 |
| #3 | .33742 | .64000 | 7.2325 | .84221 | 2.4182 | 37.154 | 136.00 | 10.599 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 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    | 9.5661 | 35.277 | 5.4462 | 3.0875 | 5.3164 | 3.4788 | 6.9282 | 2.5877 |
| Stddev | .0111  | .151   | .0036  | .0060  | .0250  | .0143  | .0228  | .0089  |
| %RSD   | .11648 | .42892 | .06613 | .19349 | .46968 | .40998 | .32906 | .34257 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 9.5560 | 35.111 | 5.4434 | 3.0809 | 5.2884 | 3.4659 | 6.9064 | 2.5798 |
| #2 | 9.5643 | 35.408 | 5.4503 | 3.0894 | 5.3364 | 3.4941 | 6.9519 | 2.5973 |
| #3 | 9.5781 | 35.311 | 5.4450 | 3.0924 | 5.3243 | 3.4763 | 6.9262 | 2.5861 |

|        |        |        |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Elem   | Ni2316 | Ag3280 | Na8183 | V_2924 | Zn2138 | K_7698 | P_1774 | B_2496 |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |
| Avg    | 2.7744 | 1.0154 | 4.1937 | .32544 | 88.896 | 13.801 | .54306 | 9.0717 |
| Stddev | .0029  | .0016  | .0179  | .00296 | .539   | .033   | .00134 | .0181  |
| %RSD   | .10270 | .15638 | .42661 | .90982 | .60681 | .23751 | .24745 | .20004 |

|    |        |        |        |        |        |        |        |        |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| #1 | 2.7726 | 1.0154 | 4.1740 | .32366 | 88.906 | 13.765 | .54155 | 9.0754 |
| #2 | 2.7777 | 1.0170 | 4.2088 | .32885 | 89.431 | 13.829 | .54349 | 9.0877 |
| #3 | 2.7728 | 1.0138 | 4.1984 | .32379 | 88.352 | 13.808 | .54414 | 9.0520 |

|        |        |        |        |        |        |        |        |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Elem   | Mo2020 | S_1820 | Si2516 | Sn1899 | Ti3361 | Li6707 | Sr4077 |  |
| Units  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  | Cts/S  |  |
| Avg    | 10.173 | .30294 | 15.915 | .98561 | 4.7589 | 30.889 | 127.13 |  |
| Stddev | .025   | .00039 | .014   | .00191 | .0165  | .125   | .74    |  |
| %RSD   | .24554 | .13034 | .08768 | .19349 | .34706 | .40331 | .57887 |  |

|    |        |        |        |        |        |        |        |  |
|----|--------|--------|--------|--------|--------|--------|--------|--|
| #1 | 10.149 | .30251 | 15.915 | .98365 | 4.7398 | 30.745 | 127.02 |  |
| #2 | 10.173 | .30329 | 15.929 | .98572 | 4.7685 | 30.971 | 126.45 |  |
| #3 | 10.199 | .30302 | 15.901 | .98746 | 4.7683 | 30.949 | 127.91 |  |

Sample Name: S5      Acquired: 11/12/2024 21:37:07      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 631.19 | 21192. | 2414.7 | 490.02 | 1320.2 |
| Stddev    | 1.56   | 41.    | 8.6    | 3.22   | 1.7    |
| %RSD      | .24675 | .19350 | .35676 | .65664 | .12874 |
| #1        | 632.73 | 21210. | 2418.8 | 489.71 | 1322.0 |
| #2        | 631.24 | 21145. | 2404.7 | 486.97 | 1319.9 |
| #3        | 629.61 | 21221. | 2420.4 | 493.39 | 1318.7 |

Sample Name: S6      Acquired: 11/12/2024 21:41:34      Type: Cal  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      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       | 92.714 | 53.603 | 8.6795 | 3.9641 | 10.783 |
| Stddev    | 1.543  | .983   | .1524  | .0756  | .196   |
| %RSD      | 1.6639 | 1.8341 | 1.7561 | 1.9061 | 1.8206 |
| #1        | 93.689 | 53.961 | 8.7325 | 3.9922 | 10.868 |
| #2        | 90.935 | 52.490 | 8.5076 | 3.8786 | 10.558 |
| #3        | 93.517 | 54.356 | 8.7983 | 4.0217 | 10.922 |
| Int. Std. | Y_3710 |        |        |        |        |
| Units     | Cts/S  |        |        |        |        |
| Avg       | 2388.4 |        |        |        |        |
| Stddev    | 43.4   |        |        |        |        |
| %RSD      | 1.8191 |        |        |        |        |
| #1        | 2368.4 |        |        |        |        |
| #2        | 2438.2 |        |        |        |        |
| #3        | 2358.5 |        |        |        |        |

Sample Name: ICV010      Acquired: 11/12/2024 22:11:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9276235 | 1.076579 | .9944217 | .9671169 | .9255758 | 2.385872 |
| Stddev | .0060671 | .006848  | .0035640 | .0135174 | .0052928 | .013261  |
| %RSD   | .6540520 | .6361175 | .3583970 | 1.397702 | .5718420 | .5558314 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9207133 | 1.068780 | .9904741 | .9515178 | .9197319 | 2.401130 |
| #2 | .9300806 | 1.081610 | .9953884 | .9744462 | .9269483 | 2.377120 |
| #3 | .9320768 | 1.079346 | .9974026 | .9753868 | .9300472 | 2.379366 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5223256 | .5241942 | .5099486 | 10.22434 | .5598176 | .5005145 |
| Stddev | .0001861 | .0023751 | .0009976 | .03311   | .0016907 | .0009840 |
| %RSD   | .0356325 | .4530989 | .1956180 | .3238376 | .3020088 | .1965892 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5224486 | .5235552 | .5088902 | 10.20756 | .5617651 | .5005500 |
| #2 | .5224167 | .5222039 | .5108715 | 10.20299 | .5589608 | .4995132 |
| #3 | .5221115 | .5268234 | .5100841 | 10.26248 | .5587268 | .5014802 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4873106 | 10.92671 | .5374735 | 5.451631 | .5124812 | .2385970 |
| Stddev | .0069632 | .01944   | .0005517 | .082440  | .0012835 | .0004291 |
| %RSD   | 1.428896 | .1779572 | .1026479 | 1.512202 | .2504392 | .1798613 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4793760 | 10.90711 | .5372016 | 5.538765 | .5115015 | .2385522 |
| #2 | .4901519 | 10.94599 | .5381084 | 5.374868 | .5139340 | .2390469 |
| #3 | .4924038 | 10.92704 | .5371106 | 5.441259 | .5120079 | .2381921 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | 10.30370 | .5315076 | .9407940 | 9.048902 | F .0025662 | F .0075417 |
| Stddev | .22102   | .0048324 | .0031854 | .068046  | .0043531   | .0006099   |
| %RSD   | 2.145099 | .9091905 | .3385891 | .7519822 | 169.6353   | 8.087062   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.46534 | .5304154 | .9394924 | 9.037638 | .0061462 | .0068605 |
| #2 | 10.39393 | .5273148 | .9444241 | 9.121877 | .0038317 | .0080369 |
| #3 | 10.05184 | .5367927 | .9384654 | 8.987191 | -.002279 | .0077278 |

Sample Name: ICV010      Acquired: 11/12/2024 22:11:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICV010      Custom ID2:      Custom ID3:  
Comment:

|           |            |            |            |            |            |            |
|-----------|------------|------------|------------|------------|------------|------------|
| Elem      | Mo2020     | S_1820     | Si2516     | Sn1899     | Ti3361     | Li6707     |
| Units     | ppm        | ppm        | ppm        | ppm        | ppm        | ppm        |
| Avg       | F -.000184 | F .0036261 | F .0009000 | F -.002863 | F -.000826 | F .0004856 |
| Stddev    | .000171    | .0054334   | .0001368   | .002933    | .001669    | .0013325   |
| %RSD      | 93.06041   | 149.8409   | 15.19617   | 102.4597   | 202.1917   | 274.3931   |
| #1        | -.000020   | -.001259   | .0009871   | -.005889   | -.000502   | -.000269   |
| #2        | -.000361   | .002659    | .0007424   | -.002669   | .000658    | -.000298   |
| #3        | -.000169   | .009478    | .0009706   | -.000031   | -.002633   | .002024    |
| Elem      | Sr4077     |            |            |            |            |            |
| Units     | ppm        |            |            |            |            |            |
| Avg       | F .0013401 |            |            |            |            |            |
| Stddev    | .0000461   |            |            |            |            |            |
| %RSD      | 3.441637   |            |            |            |            |            |
| #1        | .0013632   |            |            |            |            |            |
| #2        | .0012870   |            |            |            |            |            |
| #3        | .0013702   |            |            |            |            |            |
| Int. Std. | Y_2243     | Y_3600     | Y_3710     | Y_2243     | In2306     |            |
| Units     | Cts/S      | Cts/S      | Cts/S      | Cts/S      | Cts/S      |            |
| Avg       | 880.9292   | 23649.37   | 2536.772   | 781.0018   | 1753.544   |            |
| Stddev    | 2.3499     | 61.03      | 6.555      | 4.6057     | .891       |            |
| %RSD      | .2667554   | .2580570   | .2584155   | .5897131   | .0508181   |            |
| #1        | 881.5444   | 23653.32   | 2539.301   | 781.7615   | 1753.890   |            |
| #2        | 882.9104   | 23586.47   | 2541.687   | 776.0635   | 1754.210   |            |
| #3        | 878.3329   | 23708.33   | 2529.329   | 785.1804   | 1752.532   |            |

Sample Name: ICB010      Acquired: 11/12/2024 22:18:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0023140 | -.002137 | -.000020 | .0008349 | .0008411 | .0199519 | .0006923 |
| Stddev | .0074502 | .003303  | .003427  | .0017358 | .0032298 | .0130953 | .0005926 |
| %RSD   | 321.9607 | 154.5321 | 16810.11 | 207.9129 | 384.0221 | 65.63448 | 85.59794 |
| #1     | .0001954 | -.003166 | .003852  | .0027561 | -.000773 | .0275236 | .0012384 |
| #2     | .0105941 | .001558  | -.001249 | .0003688 | .004560  | .0048307 | .0000622 |
| #3     | -.003847 | -.004804 | -.002664 | -.000620 | -.001264 | .0275013 | .0007762 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000534 | -.000104 | .0133640 | -.000241 | .0000913 | -.002994 | -.030078 |
| Stddev | .0000337 | .000060  | .0199739 | .000577  | .0002471 | .003785  | .027477  |
| %RSD   | 63.08407 | 58.00483 | 149.4604 | 239.2043 | 270.6259 | 126.4468 | 91.35404 |
| #1     | .0000297 | -.000128 | .0109736 | .000425  | -.000185 | -.000845 | -.014481 |
| #2     | .0000919 | -.000148 | -.005307 | -.000558 | .000292  | -.007364 | -.013947 |
| #3     | .0000384 | -.000035 | .034426  | -.000592 | .000167  | -.000771 | -.061804 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001783 | -.014306 | -.000463 | .0000318 | .1634082 | .0067802 | -.000310 |
| Stddev | .000770  | .121384  | .000174  | .0005853 | .3975956 | .0034122 | .000333  |
| %RSD   | 43.15524 | 848.5129 | 37.67175 | 1839.854 | 243.3143 | 50.32571 | 107.3795 |
| #1     | -.002417 | .123436  | -.000307 | -.000147 | -.221579 | .0028740 | -.000149 |
| #2     | -.000927 | -.060712 | -.000430 | -.000443 | .572514  | .0082872 | -.000694 |
| #3     | -.002007 | -.105640 | -.000651 | .000686  | .139289  | .0091795 | -.000089 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0792626 | .0002169 | -.000524 | .0001489 | .0028568 | -.000225 | -.001598 |
| Stddev | .0979374 | .0047092 | .000812  | .0002942 | .0081700 | .000627  | .000313  |
| %RSD   | 123.5606 | 2171.095 | 154.8828 | 197.6255 | 285.9815 | 279.1289 | 19.56064 |
| #1     | .0021620 | .0002893 | .000340  | .0002497 | .0069862 | -.000397 | -.001241 |
| #2     | .0461655 | .0048895 | -.000641 | -.000183 | .0081379 | -.000748 | -.001821 |
| #3     | .1894603 | -.004528 | -.001271 | .000379  | -.006554 | .000471  | -.001731 |



Sample Name: ICB010      Acquired: 11/12/2024 22:18:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001742 | .0020230 | -.000043 |
| Stddev | .000308  | .0008797 | .000038  |
| %RSD   | 17.70302 | 43.48701 | 89.00959 |
| #1     | -.001772 | .0012059 | -.000087 |
| #2     | -.002034 | .0029542 | -.000025 |
| #3     | -.001419 | .0019088 | -.000017 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.2906 | 23692.76 | 2519.074 | 783.6491 | 1794.420 |
| Stddev    | 1.0337   | 12.14    | 10.807   | 5.3681   | .829     |
| %RSD      | .1170324 | .0512296 | .4290247 | .6850106 | .0462065 |
| #1        | 883.4336 | 23700.81 | 2531.546 | 783.7413 | 1794.753 |
| #2        | 884.2454 | 23678.80 | 2512.482 | 778.2355 | 1795.032 |
| #3        | 882.1929 | 23698.67 | 2513.193 | 788.9704 | 1793.477 |

Sample Name: ICSA010      Acquired: 11/12/2024 22:22:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0013382 | -.001775 | -.000530 | .0074608 | .0036863 | 247.9518   |
| Stddev | .0105928 | .003323  | .004414  | .0149338 | .0031302 | 5.7345     |
| %RSD   | 791.6009 | 187.1973 | 832.9570 | 200.1637 | 84.91510 | 2.312751   |
| #1     | -.001040 | -.004432 | .002888  | .0044290 | .0052648 | 245.0849   |
| #2     | -.007863 | .001951  | -.005513 | -.005724 | .0000811 | 244.2161   |
| #3     | .012918  | -.002844 | .001036  | .023678  | .0057130 | 254.5544   |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .0065135 | -.000173 | .0024042 | 257.9914 | .0513465 | .0016311   |
| Stddev | .0007052 | .000164  | .0004103 | 5.0367   | .0007404 | .0013344   |
| %RSD   | 10.82737 | 94.79257 | 17.06536 | 1.952273 | 1.442003 | 81.80601   |
| #1     | .0072828 | .000011  | .0021386 | 255.3672 | .0509233 | .0004333   |
| #2     | .0063601 | -.000304 | .0028768 | 254.8086 | .0509148 | .0013907   |
| #3     | .0058976 | -.000226 | .0021973 | 263.7983 | .0522015 | .0030694   |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | -.003360 | 107.8569 | .0128224 | 251.5952 | .0018319 | .0021069   |
| Stddev | .004969  | 2.0186   | .0012160 | 4.6029   | .0001243 | .0002475   |
| %RSD   | 147.8992 | 1.871546 | 9.483138 | 1.829483 | 6.782218 | 11.74623   |
| #1     | -.002596 | 106.7817 | .0142221 | 248.5369 | .0017130 | .0023041   |
| #2     | -.008667 | 106.6035 | .0122189 | 249.3598 | .0018220 | .0021875   |
| #3     | .001183  | 110.1855 | .0120263 | 256.8889 | .0019609 | .0018292   |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | .6613467 | .0067112 | .0125820 | -.120563 | .0039413 | F .0706194 |
| Stddev | .2611969 | .0101113 | .0000876 | .027152  | .0014500 | .0004406   |
| %RSD   | 39.49470 | 150.6614 | .6962623 | 22.52135 | 36.79027 | .6238894   |
| #1     | .4909724 | .0082126 | .0125904 | -.108595 | .0056144 | .0702115   |
| #2     | .5310036 | .0159879 | .0126651 | -.151644 | .0030513 | .0710867   |
| #3     | .9620641 | -.004067 | .0124905 | -.101451 | .0031580 | .0705602   |

Sample Name: ICSA010      Acquired: 11/12/2024 22:22:47      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSA010      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |          |            |          |          |
|-----------|------------|----------|----------|------------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg       | -.001249   | .0138976 | -.000598 | F -.007240 | -.002650 | .0053353 |
| Stddev    | .000275    | .0007079 | .000285  | .002111    | .001242  | .0006329 |
| %RSD      | 22.03219   | 5.093837 | 47.73138 | 29.15534   | 46.88641 | 11.86248 |
| #1        | -.001298   | .0131317 | -.000744 | -.004832   | -.003206 | .0060433 |
| #2        | -.001496   | .0140331 | -.000781 | -.008769   | -.001227 | .0048244 |
| #3        | -.000952   | .0145280 | -.000269 | -.008121   | -.003517 | .0051383 |
| Elem      | Sr4077     |          |          |            |          |          |
| Units     | ppm        |          |          |            |          |          |
| Avg       | F .1049697 |          |          |            |          |          |
| Stddev    | .0025804   |          |          |            |          |          |
| %RSD      | 2.458255   |          |          |            |          |          |
| #1        | .1036646   |          |          |            |          |          |
| #2        | .1033025   |          |          |            |          |          |
| #3        | .1079420   |          |          |            |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710   | Y_2243     | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S    | Cts/S      | Cts/S    |          |
| Avg       | 816.3735   | 22291.53 | 2458.026 | 733.7205   | 1492.772 |          |
| Stddev    | 2.0204     | 56.51    | 32.453   | 2.8284     | 3.807    |          |
| %RSD      | .2474833   | .2535149 | 1.320268 | .3854815   | .2550257 |          |
| #1        | 814.5304   | 22317.40 | 2466.155 | 733.1419   | 1489.100 |          |
| #2        | 818.5337   | 22330.48 | 2485.641 | 736.7935   | 1492.514 |          |
| #3        | 816.0564   | 22226.72 | 2422.282 | 731.2263   | 1496.701 |          |

Sample Name: ICSAB010      Acquired: 11/12/2024 22:27:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB010      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1078550 | .1043812 | .0473650 | .0494173 | .5529966 | 251.1305 |
| Stddev | .0066124 | .0040864 | .0057731 | .0027759 | .0028795 | .9356    |
| %RSD   | 6.130776 | 3.914850 | 12.18853 | 5.617307 | .5207006 | .3725418 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1032696 | .1087462 | .0522512 | .0525690 | .5502335 | 250.2445 |
| #2 | .1154348 | .1037506 | .0488490 | .0473355 | .5527764 | 251.0380 |
| #3 | .1048605 | .1006467 | .0409948 | .0483475 | .5559798 | 252.1088 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5357150 | .5345229 | 1.059779 | 261.8942 | .6029329 | .5226062 |
| Stddev | .0006561 | .0044299 | .002230  | 1.9675   | .0009055 | .0019471 |
| %RSD   | .1224743 | .8287637 | .2103856 | .7512515 | .1501830 | .3725789 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .5351604 | .5335575 | 1.057207 | 260.4737 | .6019587 | .5205648 |
| #2 | .5355453 | .5306552 | 1.060969 | 261.0689 | .6037488 | .5244428 |
| #3 | .5364393 | .5393559 | 1.061162 | 264.1399 | .6030914 | .5228111 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4871548 | 109.6228 | .5358776 | 255.0104 | 1.048371 | .1907277 |
| Stddev | .0074524 | .5901    | .0085430 | 1.3581   | .001834  | .0006964 |
| %RSD   | 1.529783 | .5383277 | 1.594202 | .5325726 | .1749195 | .3651147 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4790133 | 109.0409 | .5261253 | 254.0761 | 1.046343 | .1899246 |
| #2 | .4888121 | 109.6066 | .5420392 | 254.3868 | 1.049912 | .1911646 |
| #3 | .4936391 | 110.2208 | .5394682 | 256.5683 | 1.048858 | .1910939 |

|        |          |          |          |          |            |            |
|--------|----------|----------|----------|----------|------------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774     | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm        | ppm        |
| Avg    | .5383711 | .5463610 | .9314941 | -.211620 | F .0117635 | F .0720669 |
| Stddev | .2864219 | .0061026 | .0044946 | .089848  | .0051235   | .0008766   |
| %RSD   | 53.20157 | 1.116946 | .4825117 | 42.45713 | 43.55425   | 1.216355   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .6950541 | .5418949 | .9314004 | -.290533 | .0078994 | .0719246 |
| #2 | .7122702 | .5438737 | .9360348 | -.113836 | .0175752 | .0730059 |
| #3 | .2077890 | .5533144 | .9270472 | -.230490 | .0098158 | .0712701 |

Sample Name: ICSAB010      Acquired: 11/12/2024 22:27:16      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: ICSAB010      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |          |          |          |          |
|-----------|------------|----------|----------|----------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | -.000533   | .0101985 | -.000551 | -.005996 | -.003143 | .0030137 |
| Stddev    | .000218    | .0041183 | .000211  | .003329  | .001264  | .0013195 |
| %RSD      | 40.94861   | 40.38101 | 38.36096 | 55.51447 | 40.19624 | 43.78376 |
| #1        | -.000403   | .0135518 | -.000698 | -.009638 | -.003395 | .0014946 |
| #2        | -.000785   | .0114419 | -.000645 | -.005238 | -.001773 | .0036707 |
| #3        | -.000411   | .0056018 | -.000309 | -.003111 | -.004262 | .0038757 |
| Elem      | Sr4077     |          |          |          |          |          |
| Units     | ppm        |          |          |          |          |          |
| Avg       | F .1061756 |          |          |          |          |          |
| Stddev    | .0002068   |          |          |          |          |          |
| %RSD      | .1947992   |          |          |          |          |          |
| #1        | .1061502   |          |          |          |          |          |
| #2        | .1059827   |          |          |          |          |          |
| #3        | .1063940   |          |          |          |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 802.9329   | 22009.12 | 2442.002 | 721.6004 | 1472.079 |          |
| Stddev    | 1.6219     | 51.33    | 17.284   | 5.5739   | 1.911    |          |
| %RSD      | .2019911   | .2332141 | .7077879 | .7724400 | .1298106 |          |
| #1        | 803.5272   | 22050.13 | 2451.541 | 722.3855 | 1474.190 |          |
| #2        | 804.1739   | 21951.56 | 2452.414 | 715.6755 | 1470.467 |          |
| #3        | 801.0978   | 22025.66 | 2422.050 | 726.7401 | 1471.581 |          |

Sample Name: CCV064      Acquired: 11/12/2024 22:31:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV064      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.030357 | 4.813524 | 24.54614 | 4.717701 | 4.770113 | 407.0507 | 10.14825 |
| Stddev | .002713  | .013946  | .02301   | .012781  | .006298  | .8737    | .01535   |
| %RSD   | .0539239 | .2897250 | .0937396 | .2709074 | .1320204 | .2146355 | .1512581 |
| #1     | 5.029500 | 4.813655 | 24.55599 | 4.703189 | 4.776534 | 408.0469 | 10.16438 |
| #2     | 5.028176 | 4.827405 | 24.56259 | 4.727278 | 4.763947 | 406.4148 | 10.13383 |
| #3     | 5.033394 | 4.799513 | 24.51985 | 4.722636 | 4.769857 | 406.6905 | 10.14652 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5000209 | 2.499409 | 415.3136 | 15.16390 | 2.491851 | 15.03118 | 416.6236 |
| Stddev | .0031971 | .003263  | 1.2833   | .04854   | .004373  | .00157   | 2.1574   |
| %RSD   | .6393940 | .1305390 | .3090029 | .3200963 | .1755064 | .0104771 | .5178393 |
| #1     | .5036930 | 2.503173 | 416.7828 | 15.15687 | 2.493261 | 15.02938 | 419.0563 |
| #2     | .4985143 | 2.497654 | 414.4113 | 15.11926 | 2.495346 | 15.03232 | 415.8721 |
| #3     | .4978555 | 2.497399 | 414.7468 | 15.21557 | 2.486947 | 15.03183 | 414.9425 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.90150 | 413.7005 | 2.463793 | 1.243215 | 411.9591 | 2.522667 | 14.37978 |
| Stddev | .02507   | 1.1227   | .010172  | .001533  | .4561    | .008347  | .03949   |
| %RSD   | .1682280 | .2713796 | .4128633 | .1233096 | .1107101 | .3308914 | .2746008 |
| #1     | 14.89325 | 414.9591 | 2.473107 | 1.242783 | 412.4848 | 2.531524 | 14.34198 |
| #2     | 14.88158 | 412.8021 | 2.465335 | 1.241945 | 411.6681 | 2.514947 | 14.42076 |
| #3     | 14.92965 | 413.3403 | 2.452938 | 1.244918 | 411.7245 | 2.521530 | 14.37660 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 154.0108 | 4.970078 | 5.070173 | 4.716776 | 4.991207 | 5.009603 | 4.957879 |
| Stddev | .2575    | .002687  | .029402  | .007975  | .014238  | .029933  | .026603  |
| %RSD   | .1671937 | .0540656 | .5798941 | .1690788 | .2852591 | .5975152 | .5365899 |
| #1     | 154.2934 | 4.969111 | 5.103751 | 4.714043 | 4.975390 | 5.041805 | 4.983778 |
| #2     | 153.7895 | 4.973115 | 5.057725 | 4.710526 | 4.995233 | 5.004376 | 4.959238 |
| #3     | 153.9494 | 4.968009 | 5.049043 | 4.725758 | 5.002999 | 4.982627 | 4.930623 |

Sample Name: CCV064      Acquired: 11/12/2024 22:31:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV064      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 5.014228 | 5.079538 | 5.089462 |
| Stddev | .010106  | .004266  | .005120  |
| %RSD   | .2015552 | .0839743 | .1005956 |
| #1     | 5.025898 | 5.084096 | 5.095041 |
| #2     | 5.008443 | 5.075642 | 5.084979 |
| #3     | 5.008345 | 5.078877 | 5.088364 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 702.7533 | 21260.01 | 2379.356 | 593.3489 | 1338.693 |
| Stddev    | .9826    | 88.04    | 11.096   | 1.7121   | 2.571    |
| %RSD      | .1398215 | .4140880 | .4663331 | .2885474 | .1920811 |
| #1        | 702.4670 | 21293.16 | 2366.552 | 595.2488 | 1335.935 |
| #2        | 703.8473 | 21326.65 | 2385.382 | 591.9257 | 1339.123 |
| #3        | 701.9456 | 21160.21 | 2386.136 | 592.8721 | 1341.023 |

Sample Name: CCB064      Acquired: 11/12/2024 22:45:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB064      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029424 | .0007145 | -.001553 | -.001384 | .0007846 | .0215223 | .0008013 |
| Stddev | .0034863 | .0017903 | .001872  | .004747  | .0016653 | .0102887 | .0003243 |
| %RSD   | 118.4846 | 250.5562 | 120.5462 | 343.0992 | 212.2550 | 47.80469 | 40.46914 |
| #1     | .0062269 | -.001035 | -.000971 | -.005047 | .0003588 | .0230281 | .0009827 |
| #2     | .0033158 | .000635  | -.000041 | .003980  | .0026215 | .0105637 | .0004269 |
| #3     | -.000716 | .002543  | -.003646 | -.003083 | -.000626 | .0309751 | .0009943 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001095 | .0000210 | .0260928 | .0002525 | .0001027 | -.001301 | .0014627 |
| Stddev | .0000224 | .0002219 | .0116661 | .0006629 | .0001225 | .004048  | .0082716 |
| %RSD   | 20.47317 | 1055.585 | 44.70992 | 262.5383 | 119.3764 | 311.1065 | 565.5104 |
| #1     | .0001298 | .0000398 | .0393474 | -.000383 | .0002263 | .002665  | -.005606 |
| #2     | .0001132 | -.000210 | .0215475 | .000940  | -.000019 | -.001143 | -.000566 |
| #3     | .0000854 | .000233  | .0173836 | .000201  | .000100  | -.005426 | .010560  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000470 | -.030327 | -.000442 | -.000489 | .3189502 | .0065935 | .0001223 |
| Stddev | .0011657 | .054111  | .000193  | .000210  | .2834729 | .0082600 | .0002712 |
| %RSD   | 2477.734 | 178.4237 | 43.67607 | 42.83296 | 88.87684 | 125.2737 | 221.7249 |
| #1     | .0008031 | -.087642 | -.000299 | -.000614 | .6410088 | .0152162 | -.000042 |
| #2     | .0006334 | -.023216 | -.000662 | -.000247 | .1072692 | -.001248 | .000435  |
| #3     | -.001295 | .019876  | -.000366 | -.000607 | .2085727 | .005813  | -.000027 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0080730 | -.001948 | .0006176 | .0005849 | .0032958 | .0007721 | -.000981 |
| Stddev | .1439675 | .002198  | .0006906 | .0002764 | .0070926 | .0003477 | .000524  |
| %RSD   | 1783.316 | 112.8062 | 111.8110 | 47.25692 | 215.2017 | 45.03219 | 53.37227 |
| #1     | .1365938 | -.004167 | .0004342 | .0006573 | -.003253 | .0010931 | -.000812 |
| #2     | -.147502 | .000229  | .0013814 | .0008180 | .010830  | .0008204 | -.000563 |
| #3     | .035128  | -.001908 | .0000373 | .0002795 | .002311  | .0004028 | -.001568 |



Sample Name: CCB064      Acquired: 11/12/2024 22:45:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB064      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0012455 | .0019135 | .0001214 |
| Stddev | .0006857 | .0021681 | .0001119 |
| %RSD   | 55.05667 | 113.3081 | 92.11951 |
| #1     | .0004697 | -.000584 | .0002160 |
| #2     | .0014963 | .003312  | .0001503 |
| #3     | .0017705 | .003013  | -.000002 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.0343 | 23577.98 | 2529.211 | 786.9812 | 1774.195 |
| Stddev    | 1.4055   | 84.46    | 3.670    | 6.8106   | 4.395    |
| %RSD      | .1591629 | .3582109 | .1451189 | .8654143 | .2477373 |
| #1        | 884.6549 | 23481.04 | 2526.743 | 780.4945 | 1779.270 |
| #2        | 882.1490 | 23617.20 | 2527.461 | 786.3741 | 1771.644 |
| #3        | 882.2990 | 23635.70 | 2533.429 | 794.0751 | 1771.670 |

Sample Name: P4523-17DLX2      Acquired: 11/12/2024 22:50:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4X4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4384248 | .0156029 | .2967355 | -.006197 | .0130633 | 120.1498 | 1.781168 |
| Stddev | .0072077 | .0050982 | .0010992 | .005684  | .0028790 | .4569    | .004014  |
| %RSD   | 1.644005 | 32.67454 | .3704417 | 91.72435 | 22.03912 | .3802890 | .2253320 |
| #1     | .4452103 | .0106212 | .2965228 | -.005775 | .0145237 | 120.0951 | 1.782046 |
| #2     | .4392057 | .0208101 | .2957581 | -.012081 | .0149194 | 120.6316 | 1.784670 |
| #3     | .4308584 | .0153774 | .2979255 | -.000736 | .0097467 | 119.7227 | 1.776788 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0038188 | .0194028 | 22.50255 | .3143898 | .1913609 | .8375829 | 337.9724 |
| Stddev | .0001142 | .0002312 | .16427   | .0009044 | .0009726 | .0090429 | 1.5613   |
| %RSD   | 2.990605 | 1.191661 | .7299933 | .2876535 | .5082419 | 1.079648 | .4619697 |
| #1     | .0036998 | .0194786 | 22.37479 | .3136410 | .1905788 | .8366135 | 337.1573 |
| #2     | .0038289 | .0191432 | 22.68784 | .3153945 | .1910540 | .8470715 | 339.7726 |
| #3     | .0039276 | .0195866 | 22.44501 | .3141338 | .1924499 | .8290637 | 336.9872 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.725191 | 58.55201 | .3969804 | -.025418 | 1.615579 | .6898714 | .7390205 |
| Stddev | .039223  | .45452   | .0017132 | .000559  | .222591  | .0077772 | .0015219 |
| %RSD   | .5077302 | .7762610 | .4315682 | 2.200748 | 13.77780 | 1.127342 | .2059301 |
| #1     | 7.695069 | 58.47791 | .3978768 | -.026033 | 1.532742 | .6856174 | .7378442 |
| #2     | 7.769543 | 59.03902 | .3980595 | -.025283 | 1.446283 | .6851491 | .7407393 |
| #3     | 7.710962 | 58.13910 | .3950049 | -.024939 | 1.867711 | .6988477 | .7384780 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.73657 | 5.521217 | .2435712 | -.001420 | .8032519 | 7.750466 | .0026485 |
| Stddev | .05093   | .010006  | .0008892 | .000954  | .0122983 | .056636  | .0019616 |
| %RSD   | .2718447 | .1812332 | .3650827 | 67.19549 | 1.531065 | .7307476 | 74.06543 |
| #1     | 18.69196 | 5.528072 | .2437088 | -.001807 | .8145563 | 7.705746 | .0005018 |
| #2     | 18.79207 | 5.525845 | .2426212 | -.000333 | .8050432 | 7.814151 | .0030959 |
| #3     | 18.72569 | 5.509735 | .2443837 | -.002119 | .7901562 | 7.731502 | .0043478 |

Sample Name: P4523-17DLX2      Acquired: 11/12/2024 22:50:09      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4X4      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.300523 | .1105490 | .2908122 |
| Stddev | .009254  | .0014508 | .0007308 |
| %RSD   | .2803823 | 1.312348 | .2513025 |
| #1     | 3.300658 | .1115680 | .2907993 |
| #2     | 3.309709 | .1111911 | .2915494 |
| #3     | 3.291202 | .1088880 | .2900879 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 938.5068 | 25604.19 | 2784.629 | 839.4033 | 1628.770 |
| Stddev    | 1.0652   | 105.78   | 20.445   | 2.8055   | 2.206    |
| %RSD      | .1134988 | .4131361 | .7342161 | .3342282 | .1354285 |
| #1        | 937.6964 | 25716.89 | 2798.681 | 840.5258 | 1626.485 |
| #2        | 939.7133 | 25507.06 | 2761.174 | 836.2103 | 1628.940 |
| #3        | 938.1106 | 25588.62 | 2794.031 | 841.4738 | 1630.887 |

Sample Name: P4484-14DLX2      Acquired: 11/12/2024 22:54:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4J2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2940460 | .0125194 | .3482314 | -.003832 | .0102962 | 106.9800 | 1.317559 |
| Stddev | .0032681 | .0025923 | .0033677 | .003240  | .0009784 | .4983    | .002850  |
| %RSD   | 1.111425 | 20.70618 | .9670801 | 84.53876 | 9.502400 | .4657803 | .2163435 |
| #1     | .2958156 | .0151774 | .3517376 | -.007396 | .0109444 | 106.4355 | 1.315051 |
| #2     | .2960477 | .0123826 | .3479347 | -.001065 | .0107735 | 107.0910 | 1.316966 |
| #3     | .2902747 | .0099982 | .3450219 | -.003036 | .0091708 | 107.4133 | 1.320659 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031382 | .0167501 | 19.62887 | .2533259 | .1541403 | .8448213 | 287.5619 |
| Stddev | .0001343 | .0001787 | .14708   | .0006346 | .0007600 | .0011584 | 1.7752   |
| %RSD   | 4.280340 | 1.066750 | .7492972 | .2504983 | .4930499 | .1371198 | .6173338 |
| #1     | .0030977 | .0165633 | 19.49030 | .2530893 | .1532793 | .8435905 | 285.5565 |
| #2     | .0030288 | .0169193 | 19.61311 | .2540447 | .1544240 | .8458903 | 288.1968 |
| #3     | .0032881 | .0167676 | 19.78319 | .2528436 | .1547177 | .8449832 | 288.9323 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.274673 | 49.23912 | .2804192 | -.020345 | 1.483302 | .5892909 | .7666949 |
| Stddev | .028265  | .15332   | .0023132 | .000149  | .006562  | .0145310 | .0013038 |
| %RSD   | .4504621 | .3113795 | .8248974 | .7335090 | .4424119 | 2.465847 | .1700527 |
| #1     | 6.242224 | 49.10668 | .2796273 | -.020213 | 1.490106 | .5729949 | .7660095 |
| #2     | 6.287868 | 49.40709 | .2786059 | -.020507 | 1.482788 | .5939773 | .7681984 |
| #3     | 6.293929 | 49.20359 | .2830243 | -.020315 | 1.477012 | .6009003 | .7658767 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.93739 | 4.946203 | .2103153 | .0001687 | .7324340 | 7.129567 | .0004739 |
| Stddev | .07217   | .034397  | .0030815 | .0001999 | .0082903 | .059322  | .0036131 |
| %RSD   | .3811051 | .6954199 | 1.465164 | 118.4931 | 1.131887 | .8320622 | 762.4996 |
| #1     | 18.86136 | 4.923378 | .2068848 | .0003317 | .7326885 | 7.078283 | .0042583 |
| #2     | 19.00495 | 4.929466 | .2112124 | -.000054 | .7405941 | 7.115882 | -.002939 |
| #3     | 18.94587 | 4.985765 | .2128486 | .000229  | .7240193 | 7.194536 | .000103  |

Sample Name: P4484-14DLX2      Acquired: 11/12/2024 22:54:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4J2      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.385057 | .0914134 | .2395037 |
| Stddev | .014403  | .0013682 | .0006787 |
| %RSD   | .4255008 | 1.496705 | .2833797 |
| #1     | 3.368902 | .0906732 | .2387234 |
| #2     | 3.389714 | .0929923 | .2398309 |
| #3     | 3.396556 | .0905748 | .2399569 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 926.0438 | 25157.85 | 2704.488 | 826.4497 | 1647.834 |
| Stddev    | 1.1999   | 25.93    | 19.748   | 2.8045   | 3.721    |
| %RSD      | .1295772 | .1030569 | .7302051 | .3393440 | .2258114 |
| #1        | 925.1704 | 25173.85 | 2718.482 | 823.2114 | 1647.769 |
| #2        | 927.4121 | 25171.75 | 2713.084 | 828.0907 | 1651.587 |
| #3        | 925.5490 | 25127.93 | 2681.899 | 828.0469 | 1644.146 |

Sample Name: P4520-19DLX2      Acquired: 11/12/2024 22:58:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4N1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0783647 | .0050511 | .2517244 | .0015251 | .0067206 | 57.50942 | .8776413 |
| Stddev | .0114213 | .0034483 | .0036474 | .0092341 | .0038871 | .15179   | .0021991 |
| %RSD   | 14.57453 | 68.26794 | 1.448973 | 605.4832 | 57.83844 | .2639335 | .2505709 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0680222 | .0036326 | .2539344 | -.005938 | .0029561 | 57.51418 | .8777282 |
| #2 | .0764494 | .0025383 | .2537244 | .011852  | .0107197 | 57.65877 | .8797957 |
| #3 | .0906226 | .0089825 | .2475145 | -.001339 | .0064861 | 57.35531 | .8754001 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020792 | .0077083 | 21.38014 | .1255132 | .0754805 | .6429713 | 112.1148 |
| Stddev | .0000663 | .0001459 | .01259   | .0007735 | .0002627 | .0058428 | .1872    |
| %RSD   | 3.187990 | 1.893126 | .0588755 | .6162548 | .3480698 | .9087221 | .1669561 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0020235 | .0076339 | 21.38597 | .1252984 | .0753185 | .6496041 | 111.9636 |
| #2 | .0020615 | .0076145 | 21.36569 | .1248698 | .0753394 | .6407243 | 112.0566 |
| #3 | .0021525 | .0078764 | 21.38876 | .1263714 | .0757837 | .6385856 | 112.3242 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.207098 | 28.72068 | .1266696 | -.007135 | .8129429 | .2146198 | .5692200 |
| Stddev | .018841  | .11799   | .0003433 | .000643  | .2995604 | .0074068 | .0013861 |
| %RSD   | .4478380 | .4108041 | .2710157 | 9.011492 | 36.84888 | 3.451143 | .2434997 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 4.189641 | 28.84427 | .1267934 | -.007201 | .7987221 | .2168945 | .5676424 |
| #2 | 4.204582 | 28.70855 | .1262816 | -.007743 | 1.119361 | .2063423 | .5697756 |
| #3 | 4.227070 | 28.60923 | .1269339 | -.006462 | .520746  | .2206225 | .5702421 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.60986 | 3.444830 | .0930763 | -.001001 | .8604907 | 8.761166 | -.007680 |
| Stddev | .04473   | .005444  | .0014681 | .000632  | .0008922 | .021902  | .001110  |
| %RSD   | .3286377 | .1580437 | 1.577253 | 63.16996 | .1036871 | .2499933 | 14.45518 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 13.56029 | 3.451056 | .0914488 | -.001527 | .8600557 | 8.786050 | -.008961 |
| #2 | 13.64719 | 3.440963 | .0934794 | -.000300 | .8615170 | 8.744811 | -.007003 |
| #3 | 13.62211 | 3.442472 | .0943006 | -.001176 | .8598994 | 8.752637 | -.007075 |

Sample Name: P4520-19DLX2      Acquired: 11/12/2024 22:58:58      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4N1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.279996 | .0499896 | .1495209 |
| Stddev | .004304  | .0011976 | .0002503 |
| %RSD   | .3362701 | 2.395701 | .1673765 |
| #1     | 1.284852 | .0491112 | .1495655 |
| #2     | 1.278484 | .0513538 | .1497458 |
| #3     | 1.276651 | .0495039 | .1492513 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 911.1761 | 24756.55 | 2657.328 | 816.6816 | 1687.368 |
| Stddev    | 2.5879   | 49.23    | 4.162    | 4.4185   | 2.514    |
| %RSD      | .2840129 | .1988648 | .1566217 | .5410274 | .1489657 |
| #1        | 914.1200 | 24811.33 | 2656.253 | 821.2256 | 1688.072 |
| #2        | 909.2602 | 24742.32 | 2661.922 | 816.4187 | 1689.454 |
| #3        | 910.1482 | 24716.00 | 2653.809 | 812.4004 | 1684.577 |

Sample Name: P4497-07      Acquired: 11/12/2024 23:03:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0067983 | -.004347 | .1235479 | -.003823 | .0123963 | 150.2774 | .3865699 |
| Stddev | .0114781 | .004108  | .0042219 | .003778  | .0014710 | .3149    | .0004282 |
| %RSD   | 168.8363 | 94.49819 | 3.417247 | 98.82400 | 11.86659 | .2095505 | .1107777 |
| #1     | .0014447 | .000123  | .1189182 | -.007475 | .0140736 | 150.0278 | .3867045 |
| #2     | -.001025 | -.005209 | .1271853 | -.004064 | .0113254 | 150.6312 | .3869147 |
| #3     | .019975  | -.007956 | .1245404 | .000070  | .0117899 | 150.1731 | .3860906 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028787 | .0198571 | 785.3033 | 2.381347 | .2628530 | .3317447 | 360.9235 |
| Stddev | .0002107 | .0003878 | 1.9097   | .006970  | .0013202 | .0058071 | 1.0483   |
| %RSD   | 7.318497 | 1.952684 | .2431743 | .2926908 | .5022657 | 1.750459 | .2904521 |
| #1     | .0027896 | .0199697 | 783.1486 | 2.389237 | .2613508 | .3362979 | 359.7456 |
| #2     | .0027272 | .0194255 | 786.7864 | 2.376027 | .2638287 | .3337312 | 361.7542 |
| #3     | .0031193 | .0201760 | 785.9749 | 2.378776 | .2633796 | .3252051 | 361.2705 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.638310 | 210.5720 | 2.415441 | -.013479 | 8.151528 | 1.009079 | .6701754 |
| Stddev | .013463  | 1.0642   | .004632  | .000264  | .107635  | .006597  | .0018823 |
| %RSD   | .2387750 | .5053659 | .1917600 | 1.962241 | 1.320431 | .6537448 | .2808592 |
| #1     | 5.630950 | 209.4038 | 2.410114 | -.013220 | 8.260996 | 1.001500 | .6711259 |
| #2     | 5.653848 | 211.4861 | 2.417689 | -.013467 | 8.147765 | 1.013531 | .6680074 |
| #3     | 5.630131 | 210.8261 | 2.418520 | -.013749 | 8.045824 | 1.012205 | .6713927 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.37837 | 4.430535 | .3300277 | .0118687 | 4.791509 | 9.810016 | .0019834 |
| Stddev | .09746   | .008067  | .0028577 | .0009495 | .013460  | .015553  | .0066057 |
| %RSD   | .6778245 | .1820684 | .8658935 | 8.000314 | .2809222 | .1585438 | 333.0559 |
| #1     | 14.27151 | 4.434553 | .3278016 | .0114706 | 4.790970 | 9.815727 | .0091774 |
| #2     | 14.46235 | 4.421249 | .3290312 | .0111829 | 4.805231 | 9.792415 | .0005817 |
| #3     | 14.40126 | 4.435805 | .3332502 | .0129524 | 4.778326 | 9.821907 | -.003809 |



Sample Name: P4497-07      Acquired: 11/12/2024 23:03:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHDA7      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 6.599203 | .1928375 | 1.956992 |
| Stddev | .015369  | .0004865 | .007170  |
| %RSD   | .2328862 | .2523064 | .3663954 |
| #1     | 6.589302 | .1923459 | 1.952261 |
| #2     | 6.616908 | .1933189 | 1.965242 |
| #3     | 6.591398 | .1928477 | 1.953472 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 835.3061 | 23864.73 | 2687.651 | 741.9393 | 1371.412 |
| Stddev    | 2.5823   | 57.66    | 4.456    | 2.8686   | 1.021    |
| %RSD      | .3091433 | .2416031 | .1658024 | .3866357 | .0744830 |
| #1        | 834.0164 | 23809.29 | 2682.911 | 741.6484 | 1372.534 |
| #2        | 838.2792 | 23860.52 | 2688.288 | 744.9422 | 1370.535 |
| #3        | 833.6227 | 23924.37 | 2691.755 | 739.2272 | 1371.168 |

Sample Name: PB164767BL      Acquired: 11/12/2024 23:16:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW767      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0055732 | .0004741 | -.001096 | .0083965 | -.001304 | -.006497 | .0006576 |
| Stddev | .0033629 | .0014430 | .001170  | .0007716 | .000480  | .007850  | .0011229 |
| %RSD   | 60.34038 | 304.3423 | 106.7128 | 9.189110 | 36.82652 | 120.8225 | 170.7648 |
| #1     | .0087858 | .0002327 | -.001425 | .0078386 | -.001755 | -.009650 | -.000528 |
| #2     | .0058561 | .0020226 | -.002066 | .0092770 | -.001358 | .002439  | .001706  |
| #3     | .0020778 | -.000833 | .000203  | .0080738 | -.000799 | -.012280 | .000795  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000129 | -.000154 | -.006763 | -.000622 | -.000015 | -.002201 | -.044186 |
| Stddev | .0000720 | .000192  | .019776  | .000137  | .000803  | .001650  | .022284  |
| %RSD   | 557.8340 | 124.4869 | 292.4047 | 22.06969 | 5349.321 | 74.94698 | 50.43230 |
| #1     | .0000416 | -.000328 | -.029508 | -.000725 | .000830  | -.001288 | -.057335 |
| #2     | -.000069 | .000052  | .006371  | -.000466 | -.000768 | -.004106 | -.018457 |
| #3     | .000066  | -.000185 | .002847  | -.000675 | -.000107 | -.001210 | -.056765 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001451 | -.082661 | -.000654 | .0008139 | .2825747 | .0018502 | -.000554 |
| Stddev | .001034  | .041486  | .000584  | .0001225 | .0699419 | .0081008 | .000399  |
| %RSD   | 71.25411 | 50.18795 | 89.23710 | 15.04661 | 24.75164 | 437.8210 | 72.02087 |
| #1     | -.001115 | -.034764 | -.001085 | .0009067 | .2389230 | .0111102 | -.000658 |
| #2     | -.000627 | -.107306 | .000010  | .0006751 | .2455554 | -.003925 | -.000891 |
| #3     | -.002611 | -.105912 | -.000889 | .0008599 | .3632458 | -.001634 | -.000113 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0732259 | .0007894 | -.000436 | .0006467 | .0033954 | .0002195 | -.005728 |
| Stddev | .0710361 | .0015668 | .000240  | .0001686 | .0024995 | .0006001 | .001724  |
| %RSD   | 97.00952 | 198.4850 | 54.97933 | 26.07482 | 73.61398 | 273.3724 | 30.09928 |
| #1     | .0971514 | .0024418 | -.000631 | .0007861 | .0014165 | .0002881 | -.004638 |
| #2     | -.006684 | .0006013 | -.000510 | .0006947 | .0025654 | -.000412 | -.004831 |
| #3     | .129210  | -.000675 | -.000168 | .0004593 | .0062043 | .000782  | -.007716 |

Sample Name: PB164767BL      Acquired: 11/12/2024 23:16:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW767      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001101 | -.000155 | -.000059 |
| Stddev | .000929  | .000283  | .000038  |
| %RSD   | 84.35109 | 182.8467 | 65.51775 |
| #1     | -.001784 | .000096  | -.000096 |
| #2     | -.000044 | -.000461 | -.000061 |
| #3     | -.001475 | -.000099 | -.000019 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 880.1611 | 23585.08 | 2511.191 | 784.2562 | 1777.739 |
| Stddev    | 2.0581   | 28.68    | 10.472   | 3.9255   | 1.364    |
| %RSD      | .2338321 | .1215846 | .4170098 | .5005403 | .0767384 |
| #1        | 879.3080 | 23572.27 | 2502.096 | 780.7942 | 1779.213 |
| #2        | 882.5085 | 23565.04 | 2522.639 | 783.4532 | 1776.522 |
| #3        | 878.6667 | 23617.92 | 2508.836 | 788.5211 | 1777.481 |

Sample Name: PB164767BS      Acquired: 11/12/2024 23:21:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS767      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0241754 | .0519823 | .0171601 | .0639154 | .1082930 | .4014493 |
| Stddev | .0025692 | .0015956 | .0034787 | .0013410 | .0015597 | .0113019 |
| %RSD   | 10.62734 | 3.069431 | 20.27183 | 2.098078 | 1.440229 | 2.815265 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0237247 | .0534134 | .0147368 | .0652762 | .1088703 | .4137556 |
| #2 | .0269402 | .0522715 | .0155974 | .0625952 | .1094818 | .3990576 |
| #3 | .0218614 | .0502619 | .0211461 | .0638749 | .1065270 | .3915347 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4314504 | .0110519 | .0109142 | 11.28509 | .0228285 | .1035113 |
| Stddev | .0002790 | .0000965 | .0000870 | .02335   | .0000947 | .0006863 |
| %RSD   | .0646734 | .8733947 | .7973731 | .2069264 | .4150470 | .6630624 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4314541 | .0109921 | .0109674 | 11.25899 | .0229058 | .1032288 |
| #2 | .4317276 | .0111632 | .0109616 | 11.29225 | .0228569 | .1030114 |
| #3 | .4311696 | .0110003 | .0108138 | 11.30402 | .0227228 | .1042938 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0468158 | .2285390 | .0337898 | 10.57112 | .0863485 | .0221748 |
| Stddev | .0040798 | .0234186 | .0003174 | .14637   | .0001199 | .0007142 |
| %RSD   | 8.714673 | 10.24709 | .9394584 | 1.384662 | .1388437 | 3.220610 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0513932 | .2497246 | .0340468 | 10.72424 | .0863075 | .0213651 |
| #2 | .0454918 | .2033926 | .0334349 | 10.43258 | .0862546 | .0224445 |
| #3 | .0435623 | .2324998 | .0338875 | 10.55654 | .0864836 | .0227149 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 11.06527 | .1136867 | .1121844 | 9.876241 | .0155880 | F -.000620 |
| Stddev | .16598   | .0028056 | .0003686 | .026111  | .0041439 | .002123    |
| %RSD   | 1.500024 | 2.467841 | .3285508 | .2643797 | 26.58356 | 342.2679   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.22109 | .1107091 | .1117656 | 9.888362 | .0120292 | -.003036 |
| #2 | 10.89072 | .1162808 | .1124592 | 9.894088 | .0201374 | .000947  |
| #3 | 11.08401 | .1140704 | .1123285 | 9.846273 | .0145975 | .000229  |

Sample Name: PB164767BS      Acquired: 11/12/2024 23:21:21      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS767      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |            |          |          |          |
|-----------|------------|----------|------------|----------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg       | F .0198666 | .1813642 | F .4621968 | .0125587 | .2109959 | .0307930 |
| Stddev    | .0003089   | .0050147 | .0022535   | .0023629 | .0007928 | .0009496 |
| %RSD      | 1.554806   | 2.764979 | .4875638   | 18.81484 | .3757279 | 3.083944 |
| #1        | .0195822   | .1774497 | .4605937   | .0112358 | .2118916 | .0309222 |
| #2        | .0201952   | .1796263 | .4647734   | .0152867 | .2103846 | .0316714 |
| #3        | .0198224   | .1870167 | .4612234   | .0111535 | .2107114 | .0297853 |
| Elem      | Sr4077     |          |            |          |          |          |
| Units     | ppm        |          |            |          |          |          |
| Avg       | .2175993   |          |            |          |          |          |
| Stddev    | .0002086   |          |            |          |          |          |
| %RSD      | .0958534   |          |            |          |          |          |
| #1        | .2176621   |          |            |          |          |          |
| #2        | .2173666   |          |            |          |          |          |
| #3        | .2177693   |          |            |          |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710     | Y_2243   | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |
| Avg       | 875.2468   | 23724.78 | 2515.046   | 787.9740 | 1732.756 |          |
| Stddev    | .3648      | 112.57   | 12.286     | 3.3557   | 2.556    |          |
| %RSD      | .0416830   | .4744756 | .4885183   | .4258651 | .1475275 |          |
| #1        | 874.9091   | 23819.72 | 2526.777   | 789.6402 | 1732.694 |          |
| #2        | 875.1976   | 23754.19 | 2502.271   | 790.1706 | 1735.343 |          |
| #3        | 875.6337   | 23600.42 | 2516.090   | 784.1113 | 1730.232 |          |

Sample Name: PB164570BL      Acquired: 11/12/2024 23:34:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS570      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0030744 | -.002508 | -.003901 | .0031304 | -.001654 | -.004941 | .0004398 |
| Stddev | .0009660 | .002971  | .001381  | .0031346 | .000511  | .007430  | .0005910 |
| %RSD   | 31.41990 | 118.4691 | 35.40274 | 100.1344 | 30.88137 | 150.3647 | 134.3646 |
| #1     | .0028930 | -.005799 | -.002644 | .0001263 | -.002160 | .003519  | .0010180 |
| #2     | .0041181 | -.000022 | -.003680 | .0028838 | -.001665 | -.010403 | -.000163 |
| #3     | .0022119 | -.001704 | -.005380 | .0063809 | -.001139 | -.007940 | .000465  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001081 | -.000088 | .0076384 | -.000555 | .0002725 | -.001709 | .0090729 |
| Stddev | .0000748 | .000142  | .0111413 | .000752  | .0002955 | .001406  | .0194353 |
| %RSD   | 69.13895 | 161.4789 | 145.8592 | 135.4085 | 108.4228 | 82.26368 | 214.2131 |
| #1     | .0001175 | .000032  | .0020259 | .000251  | .0000227 | -.000581 | -.008776 |
| #2     | .0000291 | -.000051 | .0004195 | -.000679 | .0001963 | -.003285 | .006216  |
| #3     | .0001778 | -.000246 | .0204698 | -.001238 | .0005986 | -.001263 | .029778  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001035 | .0149266 | -.000075 | -.000511 | .3456104 | .0064241 | -.000666 |
| Stddev | .001159  | .0859844 | .000545  | .000282  | .0996110 | .0046217 | .000251  |
| %RSD   | 111.9549 | 576.0483 | 724.5922 | 55.20527 | 28.82177 | 71.94295 | 37.72251 |
| #1     | -.001611 | -.073420 | .000302  | -.000363 | .4143682 | .0011834 | -.000480 |
| #2     | -.001794 | .098336  | -.000700 | -.000333 | .2313777 | .0099170 | -.000952 |
| #3     | .000299  | .019864  | .000173  | -.000836 | .3910853 | .0081719 | -.000566 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0203839 | .0013885 | -.000597 | .0001850 | .0030045 | -.000237 | .0004635 |
| Stddev | .0848550 | .0018761 | .000664  | .0001688 | .0027798 | .000733  | .0012299 |
| %RSD   | 416.2840 | 135.1182 | 111.2223 | 91.23054 | 92.52136 | 309.5839 | 265.3224 |
| #1     | -.016749 | .0007097 | -.000426 | .0000201 | .0053402 | .000526  | -.000953 |
| #2     | .117476  | -.000054 | -.000035 | .0001775 | -.000070 | -.000300 | .001087  |
| #3     | -.039575 | .003510  | -.001330 | .0003574 | .003743  | -.000936 | .001256  |

Sample Name: PB164570BL      Acquired: 11/12/2024 23:34:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS570      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000992 | -.000212 | .0000186 |
| Stddev | .000422  | .000552  | .0000498 |
| %RSD   | 42.54864 | 260.7289 | 268.2468 |
| #1     | -.000768 | -.000435 | .0000672 |
| #2     | -.000729 | -.000616 | -.000032 |
| #3     | -.001479 | .000417  | .000021  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 888.1294 | 23843.49 | 2553.580 | 793.2090 | 1783.075 |
| Stddev    | 2.2595   | 46.05    | 1.266    | 3.5949   | 5.340    |
| %RSD      | .2544125 | .1931455 | .0495856 | .4532034 | .2994831 |
| #1        | 887.7888 | 23792.75 | 2552.775 | 791.5503 | 1786.045 |
| #2        | 890.5398 | 23855.05 | 2552.925 | 790.7430 | 1786.270 |
| #3        | 886.0595 | 23882.66 | 2555.039 | 797.3337 | 1776.910 |

Sample Name: PB164570BS      Acquired: 11/12/2024 23:39:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS570      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0215840 | .0515319 | .0183397 | .0666713 | .1098086 | .3951770 |
| Stddev | .0070833 | .0052587 | .0024212 | .0041480 | .0037073 | .0071749 |
| %RSD   | 32.81742 | 10.20482 | 13.20215 | 6.221630 | 3.376167 | 1.815611 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0294488 | .0560154 | .0204049 | .0619058 | .1097318 | .3940013 |
| #2 | .0195959 | .0528366 | .0189392 | .0686373 | .1135538 | .3886625 |
| #3 | .0157071 | .0457436 | .0156750 | .0694708 | .1061403 | .4028671 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4281685 | .0109144 | .0106838 | 11.01577 | .0214671 | .1020433 |
| Stddev | .0011958 | .0000372 | .0001311 | .07002   | .0007647 | .0003780 |
| %RSD   | .2792902 | .3406356 | 1.227195 | .6356605 | 3.562098 | .3703925 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4275586 | .0108715 | .0106088 | 11.07399 | .0206113 | .1024796 |
| #2 | .4295464 | .0109375 | .0108352 | 11.03526 | .0217064 | .1018171 |
| #3 | .4274007 | .0109340 | .0106074 | 10.93807 | .0220834 | .1018332 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0512639 | .2170086 | .0325664 | 10.45369 | .0855527 | .0220972 |
| Stddev | .0023832 | .0148173 | .0020492 | .06980   | .0004593 | .0001539 |
| %RSD   | 4.648791 | 6.827957 | 6.292291 | .6676856 | .5368661 | .6963862 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0535942 | .2009192 | .0323032 | 10.40494 | .0860331 | .0220174 |
| #2 | .0488312 | .2200136 | .0347345 | 10.53364 | .0855073 | .0219997 |
| #3 | .0513662 | .2300931 | .0306616 | 10.42248 | .0851178 | .0222746 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.79228 | .1195330 | .1100835 | 9.849693 | .0155584 | F -.000973 |
| Stddev | .06518   | .0036740 | .0016353 | .117815  | .0025505 | .000890    |
| %RSD   | .6039554 | 3.073603 | 1.485539 | 1.196125 | 16.39289 | 91.47339   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.81166 | .1181854 | .1117351 | 9.715251 | .0171272 | -.000308 |
| #2 | 10.84557 | .1236904 | .1084650 | 9.898905 | .0169325 | -.000627 |
| #3 | 10.71960 | .1167231 | .1100502 | 9.934923 | .0126155 | -.001985 |



Sample Name: PB164570BS      Acquired: 11/12/2024 23:39:27      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS570      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |            |          |          |          |
|-----------|------------|----------|------------|----------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg       | F .0196962 | .1785756 | F .4584468 | .0122573 | .2079695 | .0292712 |
| Stddev    | .0004192   | .0064954 | .0009918   | .0010701 | .0005726 | .0008996 |
| %RSD      | 2.128419   | 3.637361 | .2163367   | 8.730536 | .2753475 | 3.073415 |
| #1        | .0195354   | .1854783 | .4587608   | .0133772 | .2081308 | .0289124 |
| #2        | .0201720   | .1725836 | .4573360   | .0112450 | .2073335 | .0302949 |
| #3        | .0193812   | .1776648 | .4592435   | .0121498 | .2084442 | .0286065 |
| Elem      | Sr4077     |          |            |          |          |          |
| Units     | ppm        |          |            |          |          |          |
| Avg       | .2153077   |          |            |          |          |          |
| Stddev    | .0005843   |          |            |          |          |          |
| %RSD      | .2713886   |          |            |          |          |          |
| #1        | .2159474   |          |            |          |          |          |
| #2        | .2148021   |          |            |          |          |          |
| #3        | .2151737   |          |            |          |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710     | Y_2243   | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S      | Cts/S    | Cts/S    |          |
| Avg       | 878.2385   | 23671.93 | 2508.881   | 791.9566 | 1733.716 |          |
| Stddev    | 1.5258     | 50.63    | 8.694      | 4.3830   | 1.351    |          |
| %RSD      | .1737326   | .2138779 | .3465235   | .5534366 | .0779265 |          |
| #1        | 877.7549   | 23678.19 | 2511.341   | 787.1230 | 1732.222 |          |
| #2        | 877.0131   | 23719.14 | 2499.222   | 795.6726 | 1734.073 |          |
| #3        | 879.9474   | 23618.46 | 2516.079   | 793.0742 | 1734.852 |          |

Sample Name: PB164570BSD      Acquired: 11/12/2024 23:43:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD570      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0088086 | .0244892 | .0076294 | .0326727 | .0541137 | .1994188 | .2152732 |
| Stddev | .0060986 | .0023706 | .0027481 | .0037258 | .0004928 | .0090362 | .0003940 |
| %RSD   | 69.23457 | 9.680264 | 36.02028 | 11.40341 | .9106209 | 4.531250 | .1830139 |
| #1     | .0028549 | .0263097 | .0095223 | .0321191 | .0536724 | .2065078 | .2149742 |
| #2     | .0085284 | .0218086 | .0088886 | .0366443 | .0540233 | .1892439 | .2157197 |
| #3     | .0150425 | .0253493 | .0044773 | .0292547 | .0546454 | .2025046 | .2151258 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054526 | .0053202 | 5.572263 | .0102236 | .0516205 | .0228426 | .0778859 |
| Stddev | .0000974 | .0000829 | .043083  | .0003678 | .0008693 | .0047928 | .0215905 |
| %RSD   | 1.786749 | 1.557912 | .7731757 | 3.597454 | 1.683972 | 20.98200 | 27.72067 |
| #1     | .0053990 | .0053770 | 5.584338 | .0105737 | .0523906 | .0276862 | .0597365 |
| #2     | .0055651 | .0053584 | 5.608021 | .0098403 | .0506779 | .0181022 | .0721585 |
| #3     | .0053938 | .0052251 | 5.524431 | .0102567 | .0517930 | .0227393 | .1017625 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0165008 | 5.219052 | .0435518 | .0119737 | 5.619620 | .0564539 | .0557548 |
| Stddev | .0021296 | .039858  | .0007779 | .0004915 | .133167  | .0088132 | .0002191 |
| %RSD   | 12.90598 | .7637061 | 1.786062 | 4.104598 | 2.369682 | 15.61130 | .3928897 |
| #1     | .0146252 | 5.253295 | .0439676 | .0125350 | 5.744366 | .0468734 | .0559565 |
| #2     | .0188158 | 5.175299 | .0440334 | .0116204 | 5.635107 | .0642161 | .0557863 |
| #3     | .0160615 | 5.228561 | .0426544 | .0117657 | 5.479386 | .0582721 | .0555218 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.929032 | .0079984 | -.001160 | .0100642 | .0951444 | .2308107 | .0039232 |
| Stddev | .140051  | .0030127 | .000729  | .0001525 | .0020093 | .0010656 | .0016058 |
| %RSD   | 2.841352 | 37.66674 | 62.85387 | 1.515667 | 2.111834 | .4616796 | 40.93103 |
| #1     | 4.841830 | .0087697 | -.001942 | .0102391 | .0967427 | .2296881 | .0021082 |
| #2     | 5.090579 | .0105505 | -.001039 | .0099943 | .0928888 | .2318082 | .0051592 |
| #3     | 4.854687 | .0046750 | -.000499 | .0099591 | .0958018 | .2309359 | .0045022 |

Sample Name: PB164570BSD      Acquired: 11/12/2024 23:43:57      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD570      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1029361 | .0152924 | .1079463 |
| Stddev | .0010451 | .0005071 | .0001864 |
| %RSD   | 1.015321 | 3.316068 | .1726923 |
| #1     | .1034252 | .0147240 | .1077325 |
| #2     | .1036470 | .0156985 | .1080320 |
| #3     | .1017361 | .0154547 | .1080745 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.0916 | 23718.26 | 2514.285 | 792.1183 | 1762.275 |
| Stddev    | 3.7027   | 59.41    | 9.966    | 3.6993   | 3.888    |
| %RSD      | .4192845 | .2504861 | .3963703 | .4670081 | .2206088 |
| #1        | 886.1661 | 23649.68 | 2521.371 | 795.6793 | 1764.300 |
| #2        | 884.1273 | 23753.85 | 2502.889 | 792.3809 | 1764.732 |
| #3        | 878.9814 | 23751.26 | 2518.593 | 788.2948 | 1757.792 |

Sample Name: PB164586BL      Acquired: 11/12/2024 23:48:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS586      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000339 | -.001796 | -.000600 | .0006877 | -.000260 | -.001703 | .0012854 |
| Stddev | .006959  | .001025  | .002762  | .0046450 | .001670  | .009253  | .0003883 |
| %RSD   | 2052.295 | 57.06783 | 460.3263 | 675.4290 | 642.2045 | 543.4438 | 30.21373 |
| #1     | .005667  | -.002978 | -.001353 | .0058232 | .000427  | .001896  | .0015480 |
| #2     | .001281  | -.001149 | -.002908 | -.000540 | -.002164 | -.012214 | .0008393 |
| #3     | -.007966 | -.001261 | .002460  | -.003220 | .000957  | .005210  | .0014688 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000208 | -.000225 | -.007960 | -.000560 | .0004133 | -.001920 | .0072337 |
| Stddev | .0000793 | .000162  | .015448  | .000170  | .0002225 | .004808  | .0201490 |
| %RSD   | 381.0764 | 72.14712 | 194.0607 | 30.35938 | 53.83275 | 250.4164 | 278.5424 |
| #1     | .0000335 | -.000373 | -.015600 | -.000508 | .0001906 | -.003902 | .0304832 |
| #2     | .0000930 | -.000051 | -.018099 | -.000421 | .0004137 | .003562  | -.005151 |
| #3     | -.000064 | -.000251 | .009819  | -.000749 | .0006356 | -.005420 | -.003631 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000468 | -.074445 | -.000663 | .0008670 | .1393751 | .0064878 | -.000624 |
| Stddev | .002532  | .061687  | .000337  | .0004003 | .0820575 | .0053965 | .000541  |
| %RSD   | 541.4830 | 82.86312 | 50.82283 | 46.16638 | 58.87529 | 83.17895 | 86.77855 |
| #1     | .002401  | -.074524 | -.000278 | .0008684 | .0537472 | .0032496 | -.000167 |
| #2     | -.001413 | -.136093 | -.000905 | .0004661 | .1470559 | .0034963 | -.000483 |
| #3     | -.002392 | -.012718 | -.000807 | .0012666 | .2173220 | .0127175 | -.001221 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0294219 | -.000918 | -.001582 | .0002304 | -.001696 | -.000373 | -.000757 |
| Stddev | .0689208 | .001976  | .000730  | .0001708 | .003072  | .000132  | .002217  |
| %RSD   | 234.2501 | 215.2542 | 46.16952 | 74.11904 | 181.1127 | 35.46195 | 292.7988 |
| #1     | -.048974 | .000104  | -.001443 | .0002317 | .001682  | -.000496 | .001422  |
| #2     | .056763  | .000338  | -.002372 | .0004005 | -.002447 | -.000233 | -.003011 |
| #3     | .080477  | -.003196 | -.000931 | .0000590 | -.004324 | -.000389 | -.000683 |

Sample Name: PB164586BL      Acquired: 11/12/2024 23:48:28      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS586      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0000661 | -.000152 | .0000406 |
| Stddev | .0015157 | .000787  | .0001292 |
| %RSD   | 2294.957 | 517.9266 | 318.3976 |
| #1     | .0018122 | -.000863 | .0001051 |
| #2     | -.000911 | -.000287 | -.000108 |
| #3     | -.000703 | .000694  | .000125  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 879.2782 | 23675.98 | 2505.226 | 786.6938 | 1781.998 |
| Stddev    | 2.1591   | 27.83    | 16.306   | 2.8185   | 2.316    |
| %RSD      | .245573  | .1175378 | .6508709 | .3582747 | .1299461 |
| #1        | 880.3126 | 23655.93 | 2507.793 | 783.5165 | 1781.788 |
| #2        | 880.7254 | 23707.75 | 2487.789 | 788.8928 | 1784.412 |
| #3        | 876.7964 | 23664.27 | 2520.096 | 787.6723 | 1779.795 |

Sample Name: PB164586BS      Acquired: 11/12/2024 23:53:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS586      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0226421 | .0528552 | .0203365 | .0618488 | .1108284 | .4015592 |
| Stddev | .0010363 | .0039656 | .0052166 | .0041734 | .0019631 | .0127784 |
| %RSD   | 4.576677 | 7.502784 | 25.65136 | 6.747799 | 1.771304 | 3.182204 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0215623 | .0483210 | .0154745 | .0575621 | .1090313 | .3901888 |
| #2 | .0227356 | .0545681 | .0258470 | .0658989 | .1105304 | .3991005 |
| #3 | .0236284 | .0556764 | .0196879 | .0620855 | .1129234 | .4153884 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4328124 | .0110814 | .0108998 | 11.34377 | .0219421 | .1033196 |
| Stddev | .0009239 | .0000769 | .0002467 | .02329   | .0008434 | .0004089 |
| %RSD   | .2134589 | .6940337 | 2.263266 | .2053086 | 3.843637 | .3957760 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4327743 | .0111567 | .0110424 | 11.33369 | .0210248 | .1034958 |
| #2 | .4337547 | .0110029 | .0106149 | 11.37040 | .0221177 | .1036108 |
| #3 | .4319081 | .0110845 | .0110420 | 11.32722 | .0226838 | .1028521 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0461557 | .2219758 | .0331393 | 10.72866 | .0866698 | .0230992 |
| Stddev | .0036145 | .0395390 | .0014469 | .12574   | .0001991 | .0003591 |
| %RSD   | 7.831106 | 17.81229 | 4.366065 | 1.171980 | .2297746 | 1.554628 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0447553 | .1891718 | .0344045 | 10.83390 | .0868824 | .0227330 |
| #2 | .0434510 | .2658778 | .0315618 | 10.76267 | .0864876 | .0231140 |
| #3 | .0502609 | .2108777 | .0334516 | 10.58942 | .0866395 | .0234507 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.79930 | .1227903 | .1134260 | 9.907653 | .0197609 | F -.000478 |
| Stddev | .23527   | .0070092 | .0004921 | .063632  | .0022050 | .000697    |
| %RSD   | 2.178522 | 5.708308 | .4338738 | .6422471 | 11.15829 | 145.8095   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.95207 | .1159989 | .1133497 | 9.976905 | .0220671 | -.000766 |
| #2 | 10.52838 | .1299988 | .1139518 | 9.851766 | .0195420 | .000317  |
| #3 | 10.91746 | .1223731 | .1129765 | 9.894287 | .0176735 | -.000985 |

Sample Name: PB164586BS      Acquired: 11/12/2024 23:53:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS586      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |          |          |          |
|--------|------------|----------|------------|----------|----------|----------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899   | Ti3361   | Li6707   |
| Units  | ppm        | ppm      | ppm        | ppm      | ppm      | ppm      |
| Avg    | F .0193100 | .1849316 | F .4688563 | .0113393 | .2118861 | .0298904 |
| Stddev | .0003299   | .0052563 | .0005140   | .0010081 | .0026508 | .0005927 |
| %RSD   | 1.708650   | 2.842283 | .1096380   | 8.889969 | 1.251068 | 1.982967 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0195965 | .1829143 | .4690047 | .0105122 | .2105418 | .0293941 |
| #2 | .0193841 | .1908977 | .4682843 | .0110437 | .2149398 | .0297305 |
| #3 | .0189493 | .1809828 | .4692797 | .0124622 | .2101769 | .0305467 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2177243 |
| Stddev | .0003199 |
| %RSD   | .1469311 |

|    |          |
|----|----------|
| #1 | .2180842 |
| #2 | .2176168 |
| #3 | .2174721 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 875.8583 | 23641.18 | 2502.744 | 786.1383 | 1740.701 |
| Stddev    | .4815    | 41.21    | 2.239    | 2.1850   | .767     |
| %RSD      | .0549738 | .1742976 | .0894490 | .2779406 | .0440807 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 876.1008 | 23666.53 | 2502.200 | 783.6855 | 1741.456 |
| #2 | 875.3038 | 23663.37 | 2500.828 | 786.8529 | 1740.726 |
| #3 | 876.1703 | 23593.63 | 2505.205 | 787.8765 | 1739.922 |

Sample Name: PB164586BSD      Acquired: 11/12/2024 23:57:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD586      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0097552 | .0264289 | .0108153 | .0337907 | .0544136 | .2081588 | .2133304 |
| Stddev | .0037194 | .0017342 | .0019015 | .0044323 | .0007998 | .0140606 | .0010154 |
| %RSD   | 38.12693 | 6.561664 | 17.58164 | 13.11703 | 1.469780 | 6.754753 | .4759648 |
| #1     | .0107081 | .0263673 | .0102848 | .0389087 | .0535259 | .1945254 | .2132396 |
| #2     | .0129054 | .0247264 | .0129257 | .0312111 | .0546371 | .2073402 | .2123634 |
| #3     | .0056521 | .0281931 | .0092354 | .0312523 | .0550778 | .2226109 | .2143881 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054904 | .0052051 | 5.610243 | .0108484 | .0508955 | .0236627 | .1045871 |
| Stddev | .0001767 | .0000549 | .004533  | .0001744 | .0006750 | .0023643 | .0194459 |
| %RSD   | 3.218041 | 1.054023 | .0807983 | 1.607576 | 1.326344 | 9.991614 | 18.59304 |
| #1     | .0055545 | .0051467 | 5.606821 | .0107667 | .0501246 | .0222920 | .1127255 |
| #2     | .0052906 | .0052555 | 5.608525 | .0110486 | .0511808 | .0263928 | .0823942 |
| #3     | .0056261 | .0052131 | 5.615384 | .0107298 | .0513810 | .0223035 | .1186417 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0157775 | 5.156972 | .0423706 | .0117479 | 5.680481 | .0619780 | .0550816 |
| Stddev | .0006520 | .080077  | .0009321 | .0002577 | .163366  | .0049895 | .0007617 |
| %RSD   | 4.132650 | 1.552788 | 2.199896 | 2.193517 | 2.875926 | 8.050513 | 1.382877 |
| #1     | .0159597 | 5.157344 | .0427617 | .0115647 | 5.788513 | .0664671 | .0554404 |
| #2     | .0150537 | 5.076710 | .0430434 | .0120426 | 5.492542 | .0566059 | .0542068 |
| #3     | .0163190 | 5.236863 | .0413066 | .0116365 | 5.760387 | .0628611 | .0555977 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.868624 | .0078254 | -.001118 | .0094534 | .0951398 | .2306442 | .0076707 |
| Stddev | .143950  | .0016530 | .000625  | .0005745 | .0048009 | .0003952 | .0013322 |
| %RSD   | 2.956679 | 21.12290 | 55.93387 | 6.077089 | 5.046121 | .1713647 | 17.36787 |
| #1     | 4.856939 | .0095903 | -.000735 | .0100913 | .0919851 | .2303073 | .0077333 |
| #2     | 4.730873 | .0063136 | -.001840 | .0092922 | .1006648 | .2305461 | .0089705 |
| #3     | 5.018060 | .0075724 | -.000780 | .0089768 | .0927695 | .2310793 | .0063082 |



Sample Name: PB164586BSD      Acquired: 11/12/2024 23:57:30      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD586      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1047520 | .0136765 | .1075884 |
| Stddev | .0034281 | .0007238 | .0004968 |
| %RSD   | 3.272578 | 5.292098 | .4617512 |
| #1     | .1020857 | .0132182 | .1070512 |
| #2     | .1035514 | .0145109 | .1076827 |
| #3     | .1086190 | .0133004 | .1080313 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 878.5835 | 23672.11 | 2509.977 | 790.6652 | 1762.156 |
| Stddev    | 1.2014   | 33.32    | 10.182   | 5.2547   | .754     |
| %RSD      | .1367447 | .1407444 | .4056663 | .6645908 | .0427819 |
| #1        | 878.7386 | 23673.99 | 2521.711 | 786.6401 | 1763.018 |
| #2        | 877.3121 | 23637.89 | 2504.761 | 788.7458 | 1761.831 |
| #3        | 879.6998 | 23704.44 | 2503.461 | 796.6097 | 1761.619 |

Sample Name: PB164584BL      Acquired: 11/13/2024 0:02:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS584      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021394 | -.000794 | -.003009 | .0025609 | -.001381 | .0011538 | .0008138 |
| Stddev | .0042407 | .003071  | .003491  | .0057437 | .003945  | .0102516 | .0008396 |
| %RSD   | 198.2207 | 386.9347 | 116.0294 | 224.2854 | 285.5634 | 888.4771 | 103.1658 |
| #1     | -.001413 | -.002925 | .000991  | .0089779 | -.003835 | .0032590 | .0004421 |
| #2     | .006834  | -.002182 | -.005443 | -.002099 | -.003478 | .0101894 | .0017751 |
| #3     | .000998  | .002726  | -.004575 | .000804  | .003169  | -.009987 | .0002242 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000608 | -.000093 | .0121139 | -.001125 | .0000479 | -.001920 | .0127341 |
| Stddev | .0000082 | .000100  | .0036710 | .000644  | .0004412 | .003802  | .0249196 |
| %RSD   | 13.41806 | 107.6730 | 30.30368 | 57.20008 | 921.5719 | 198.0624 | 195.6916 |
| #1     | .0000545 | -.000209 | .0081455 | -.000451 | -.000163 | .001824  | .0190229 |
| #2     | .0000700 | -.000033 | .0153884 | -.001733 | -.000248 | -.005779 | -.014727 |
| #3     | .0000580 | -.000037 | .0128076 | -.001192 | .000555  | -.001805 | .033907  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001730 | -.095923 | -.000267 | .0017182 | .1670308 | .0156567 | -.000804 |
| Stddev | .001836  | .058627  | .000317  | .0001762 | .3434888 | .0071332 | .000168  |
| %RSD   | 106.1298 | 61.11913 | 118.7824 | 10.25510 | 205.6440 | 45.56034 | 20.84788 |
| #1     | -.003435 | -.153494 | -.000138 | .0019210 | .4435967 | .0108138 | -.000716 |
| #2     | .000213  | -.036294 | -.000627 | .0016315 | -.217459 | .0123082 | -.000699 |
| #3     | -.001967 | -.097982 | -.000035 | .0016022 | .274955  | .0238481 | -.000997 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0006317 | -.002243 | -.001298 | .0000214 | .0046298 | .0001330 | -.001388 |
| Stddev | .0993786 | .002690  | .000945  | .0000314 | .0007601 | .0002152 | .001060  |
| %RSD   | 15732.47 | 119.9517 | 72.77719 | 146.7292 | 16.41776 | 161.7384 | 76.40225 |
| #1     | .0015967 | -.004759 | -.000423 | .0000517 | .0041859 | -.000078 | -.002564 |
| #2     | .0995242 | -.002564 | -.002300 | .0000237 | .0041959 | .000125  | -.000505 |
| #3     | -.099226 | .000593  | -.001171 | -.000011 | .0055074 | .000352  | -.001094 |

Sample Name: PB164584BL      Acquired: 11/13/2024 0:02:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS584      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000447 | -.001340 | -.000141 |
| Stddev | .000824  | .001519  | .000059  |
| %RSD   | 184.1845 | 113.2949 | 41.82988 |
| #1     | .000116  | .000363  | -.000193 |
| #2     | -.000065 | -.002551 | -.000152 |
| #3     | -.001393 | -.001833 | -.000077 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 874.9614 | 23389.17 | 2482.536 | 781.6848 | 1763.751 |
| Stddev    | 1.5082   | 21.17    | 2.177    | .7778    | 1.809    |
| %RSD      | .1723708 | .0904940 | .0876843 | .0995000 | .1025884 |
| #1        | 874.7219 | 23413.60 | 2484.604 | 781.1688 | 1763.284 |
| #2        | 876.5750 | 23377.25 | 2482.739 | 781.3062 | 1765.748 |
| #3        | 873.5873 | 23376.64 | 2480.264 | 782.5794 | 1762.220 |

Sample Name: PB164584BSD      Acquired: 11/13/2024 0:11:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD584      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0124286 | .0258123 | .0107909 | .0336767 | .0571662 | .1951613 | .2169145 |
| Stddev | .0009114 | .0032788 | .0034394 | .0033575 | .0010236 | .0070760 | .0008474 |
| %RSD   | 7.332843 | 12.70255 | 31.87294 | 9.969826 | 1.790506 | 3.625729 | .3906548 |
| #1     | .0128464 | .0273280 | .0144721 | .0316786 | .0581989 | .1968598 | .2163456 |
| #2     | .0113832 | .0280591 | .0076596 | .0375530 | .0571477 | .2012335 | .2165095 |
| #3     | .0130562 | .0220499 | .0102410 | .0317984 | .0561521 | .1873906 | .2178884 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0054661 | .0054171 | 5.649279 | .0107497 | .0520151 | .0262573 | .1010982 |
| Stddev | .0000190 | .0001370 | .047999  | .0005282 | .0003370 | .0058020 | .0356475 |
| %RSD   | .3475446 | 2.528414 | .8496412 | 4.913514 | .6479415 | 22.09680 | 35.26026 |
| #1     | .0054576 | .0054015 | 5.616921 | .0101439 | .0516373 | .0244407 | .1130230 |
| #2     | .0054879 | .0052886 | 5.704427 | .0111139 | .0522847 | .0327503 | .1292546 |
| #3     | .0054529 | .0055612 | 5.626488 | .0109913 | .0521233 | .0215810 | .0610170 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0163943 | 5.134404 | .0438665 | .0116005 | 5.407055 | .0612767 | .0582837 |
| Stddev | .0015653 | .134322  | .0002569 | .0001608 | .140412  | .0050551 | .0002812 |
| %RSD   | 9.547610 | 2.616125 | .5855783 | 1.385912 | 2.596838 | 8.249648 | .4824080 |
| #1     | .0145955 | 4.987495 | .0437886 | .0117760 | 5.493950 | .0604375 | .0584488 |
| #2     | .0174463 | 5.250938 | .0441534 | .0114604 | 5.245063 | .0566937 | .0579591 |
| #3     | .0171411 | 5.164779 | .0436576 | .0115651 | 5.482150 | .0666989 | .0584433 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.961126 | .0090933 | -.000902 | .0097657 | .0911326 | .2329209 | .0061716 |
| Stddev | .063404  | .0014251 | .000654  | .0004053 | .0041096 | .0004040 | .0008825 |
| %RSD   | 1.278012 | 15.67173 | 72.44191 | 4.150073 | 4.509413 | .1734616 | 14.29914 |
| #1     | 4.903172 | .0083457 | -.000249 | .0099165 | .0872721 | .2333862 | .0071643 |
| #2     | 5.028846 | .0081976 | -.001556 | .0093067 | .0954526 | .2327183 | .0058744 |
| #3     | 4.951360 | .0107367 | -.000902 | .0100740 | .0906731 | .2326584 | .0054760 |

Sample Name: PB164584BSD      Acquired: 11/13/2024 0:11:05      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCSD584      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1061829 | .0131806 | .1087050 |
| Stddev | .0006742 | .0012329 | .0003916 |
| %RSD   | .6349117 | 9.353778 | .3602282 |
| #1     | .1061394 | .0119577 | .1083593 |
| #2     | .1055315 | .0131607 | .1091303 |
| #3     | .1068778 | .0144233 | .1086254 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 880.8595 | 23743.45 | 2532.820 | 792.7770 | 1762.530 |
| Stddev    | 1.5495   | 50.78    | 10.340   | 2.4501   | 3.662    |
| %RSD      | .1759079 | .2138848 | .4082538 | .3090557 | .2077505 |
| #1        | 881.9134 | 23707.17 | 2520.950 | 793.1456 | 1758.629 |
| #2        | 881.5848 | 23801.49 | 2539.871 | 795.0219 | 1765.892 |
| #3        | 879.0804 | 23721.70 | 2537.639 | 790.1634 | 1763.069 |

Sample Name: CCV065      Acquired: 11/13/2024 0:15:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV065      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.072611 | 4.767400 | 24.70419 | 4.701816 | 4.751794 | 405.9722 | 10.10361 |
| Stddev | .021225  | .015494  | .05734   | .017321  | .011478  | 1.0276   | .02212   |
| %RSD   | .4184210 | .3250021 | .2321189 | .3683854 | .2415485 | .2531318 | .2189692 |
| #1     | 5.062746 | 4.764839 | 24.73005 | 4.681816 | 4.739893 | 406.1296 | 10.09275 |
| #2     | 5.058114 | 4.753347 | 24.63847 | 4.711680 | 4.752693 | 404.8749 | 10.08901 |
| #3     | 5.096973 | 4.784016 | 24.74405 | 4.711951 | 4.762796 | 406.9120 | 10.12906 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4948675 | 2.520934 | 408.3207 | 15.06547 | 2.507508 | 14.85833 | 414.5952 |
| Stddev | .0038775 | .006779  | 1.1459   | .07739   | .009890  | .01750   | 1.0493   |
| %RSD   | .7835398 | .2689165 | .2806334 | .5136632 | .3943989 | .1178119 | .2531014 |
| #1     | .4950612 | 2.521495 | 408.6879 | 15.06884 | 2.512736 | 14.83919 | 413.8110 |
| #2     | .4908969 | 2.513891 | 407.0363 | 14.98645 | 2.496102 | 14.86226 | 414.1874 |
| #3     | .4986446 | 2.527415 | 409.2380 | 15.14111 | 2.513686 | 14.87353 | 415.7873 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.83594 | 406.8819 | 2.486360 | 1.226188 | 407.5674 | 2.468946 | 14.22393 |
| Stddev | .05450   | .8035    | .007332  | .009132  | 1.4070   | .012230  | .08113   |
| %RSD   | .3673184 | .1974787 | .2949092 | .7447371 | .3452072 | .4953563 | .5703461 |
| #1     | 14.77414 | 406.0369 | 2.484830 | 1.227047 | 408.6606 | 2.475757 | 14.24339 |
| #2     | 14.87710 | 406.9727 | 2.479914 | 1.216657 | 405.9800 | 2.454827 | 14.13485 |
| #3     | 14.85658 | 407.6362 | 2.494337 | 1.234860 | 408.0616 | 2.476254 | 14.29356 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 152.5535 | 4.920116 | 4.970035 | 4.690860 | 5.020716 | 4.955971 | 4.992696 |
| Stddev | .3586    | .017015  | .049259  | .006057  | .011144  | .032661  | .018520  |
| %RSD   | .2350971 | .3458160 | .9911159 | .1291234 | .2219507 | .6590207 | .3709344 |
| #1     | 152.6535 | 4.909267 | 4.983239 | 4.683926 | 5.031304 | 4.964996 | 5.003919 |
| #2     | 152.1555 | 4.911355 | 4.915520 | 4.693537 | 5.009090 | 4.919747 | 4.971320 |
| #3     | 152.8516 | 4.939726 | 5.011346 | 4.695118 | 5.021754 | 4.983171 | 5.002849 |

Sample Name: CCV065      Acquired: 11/13/2024 0:15:36      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: CCV065      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.946993 | 5.027643 | 5.047748 |
| Stddev | .017910  | .012747  | .005700  |
| %RSD   | .3620458 | .2535303 | .1129286 |
| #1     | 4.943231 | 5.028683 | 5.044167 |
| #2     | 4.931262 | 5.014408 | 5.044755 |
| #3     | 4.966486 | 5.039837 | 5.054321 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 706.2020 | 21420.99 | 2401.047 | 601.1429 | 1333.561 |
| Stddev    | 1.0004   | 32.66    | 7.380    | 2.9813   | 1.205    |
| %RSD      | .1416588 | .1524896 | .3073605 | .4959356 | .0903587 |
| #1        | 706.9802 | 21416.15 | 2397.557 | 599.9450 | 1332.534 |
| #2        | 705.0736 | 21455.80 | 2409.525 | 604.5368 | 1334.887 |
| #3        | 706.5521 | 21391.01 | 2396.060 | 598.9469 | 1333.260 |

Sample Name: CCB065      Acquired: 11/13/2024 0:41:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB065      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0066417 | .0005606 | .0009178 | .0043960 | -.000392 | .0024861 | -.000495 |
| Stddev | .0021081 | .0024701 | .0021891 | .0032710 | .001688  | .0146978 | .001083  |
| %RSD   | 31.74032 | 440.6041 | 238.5058 | 74.40794 | 430.1470 | 591.2017 | 218.8924 |
| #1     | .0047687 | .0029493 | -.000259 | .0059799 | -.001757 | -.003330 | .000085  |
| #2     | .0089247 | .0007160 | -.000431 | .0065735 | -.000916 | -.008414 | .000175  |
| #3     | .0062318 | -.001984 | .003444  | .0006346 | .001495  | .019202  | -.001744 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000384 | -.000308 | -.010682 | -.000296 | .0004228 | -.002111 | .0081456 |
| Stddev | .0000041 | .000114  | .020486  | .000249  | .0002823 | .003053  | .0350942 |
| %RSD   | 10.77742 | 36.89186 | 191.7709 | 84.02973 | 66.77271 | 144.5821 | 430.8382 |
| #1     | .0000431 | -.000184 | .011931  | -.000512 | .0002127 | -.001502 | -.018172 |
| #2     | .0000368 | -.000407 | -.015978 | -.000024 | .0007436 | .000591  | .047990  |
| #3     | .0000353 | -.000334 | -.028001 | -.000353 | .0003120 | -.005423 | -.005381 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001847 | -.038483 | -.000832 | .0000903 | .3766495 | .0076763 | -.000650 |
| Stddev | .003521  | .068055  | .000447  | .0001762 | .1083568 | .0059010 | .000209  |
| %RSD   | 190.6743 | 176.8464 | 53.73433 | 195.0959 | 28.76860 | 76.87289 | 32.19476 |
| #1     | -.003385 | .039809  | -.001303 | .0002473 | .4986266 | .0014245 | -.000507 |
| #2     | -.004336 | -.083481 | -.000778 | .0001240 | .3397932 | .0084552 | -.000890 |
| #3     | .002182  | -.071776 | -.000414 | -.000100 | .2915286 | .0131492 | -.000554 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1097054 | -.004484 | -.000248 | .0002998 | .0021045 | -.000344 | -.006008 |
| Stddev | .0814206 | .000642  | .000416  | .0002093 | .0025640 | .000498  | .000732  |
| %RSD   | 74.21755 | 14.32672 | 167.7755 | 69.82059 | 121.8369 | 144.5925 | 12.18719 |
| #1     | .0370615 | -.003743 | .000197  | .0004227 | -.000440 | -.000306 | -.006151 |
| #2     | .0943411 | -.004893 | -.000314 | .0004187 | .004688  | -.000861 | -.006659 |
| #3     | .1977136 | -.004815 | -.000628 | .0000581 | .002066  | .000133  | -.005215 |



Sample Name: CCB065      Acquired: 11/13/2024 0:41:39      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB065      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001373 | -.000522 | -.000146 |
| Stddev | .000380  | .000922  | .000058  |
| %RSD   | 27.66921 | 176.7735 | 40.03119 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | -.000970 | -.001573 | -.000087 |
| #2 | -.001424 | -.000143 | -.000204 |
| #3 | -.001725 | .000151  | -.000147 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 877.8464 | 23679.22 | 2534.193 | 789.4079 | 1760.771 |
| Stddev    | 1.5963   | 50.63    | 4.412    | 3.7270   | 3.801    |
| %RSD      | .1818476 | .2138336 | .1740888 | .4721315 | .2158509 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 877.7787 | 23627.15 | 2537.229 | 785.6144 | 1756.914 |
| #2 | 879.4756 | 23728.29 | 2536.218 | 789.5446 | 1764.513 |
| #3 | 876.2851 | 23682.22 | 2529.132 | 793.0647 | 1760.885 |

Sample Name: PB164545BL      Acquired: 11/13/2024 0:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS545      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0022214 | -.001030 | -.003557 | .0002743 | .0005392 | -.012346 | .0002548 |
| Stddev | .0057882 | .001751  | .001929  | .0095214 | .0003721 | .007960  | .0001092 |
| %RSD   | 260.5621 | 170.0438 | 54.22599 | 3470.746 | 69.00446 | 64.47033 | 42.83822 |
| #1     | -.004443 | .000658  | -.005714 | -.005812 | .0008405 | -.016944 | .0001715 |
| #2     | .005112  | -.000910 | -.001998 | -.004612 | .0001233 | -.016940 | .0003784 |
| #3     | .005995  | -.002838 | -.002959 | .011247  | .0006537 | -.003155 | .0002145 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000271 | -.000212 | -.001021 | -.000184 | .0001441 | -.000285 | -.001967 |
| Stddev | .0000784 | .000076  | .009542  | .000939  | .0002617 | .001518  | .008335  |
| %RSD   | 289.2359 | 36.00298 | 934.9147 | 511.0714 | 181.6728 | 532.3446 | 423.8257 |
| #1     | .0000493 | -.000218 | -.011974 | .000217  | .0003292 | .001232  | .005701  |
| #2     | .0000919 | -.000284 | .003421  | .000488  | .0002584 | -.001804 | -.010838 |
| #3     | -.000060 | -.000132 | .005491  | -.001256 | -.000155 | -.000284 | -.000763 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.001287 | -.054531 | -.000653 | .0008811 | .4306442 | .0043544 | -.000867 |
| Stddev | .001343  | .074375  | .000418  | .0003074 | .1964805 | .0076219 | .000140  |
| %RSD   | 104.3158 | 136.3896 | 64.07160 | 34.88454 | 45.62478 | 175.0384 | 16.13813 |
| #1     | -.002830 | -.000635 | -.000781 | .0007427 | .3646335 | -.004405 | -.001029 |
| #2     | -.000651 | -.023574 | -.000185 | .0012333 | .2756694 | .007997  | -.000795 |
| #3     | -.000381 | -.139385 | -.000992 | .0006673 | .6516296 | .009471  | -.000778 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1048793 | -.000536 | -.001528 | .0003878 | .0021787 | -.000287 | -.005659 |
| Stddev | .1372654 | .003300  | .000607  | .0003960 | .0046768 | .000091  | .000412  |
| %RSD   | 130.8794 | 615.7256 | 39.69692 | 102.1046 | 214.6628 | 31.71306 | 7.280158 |
| #1     | .2591565 | -.004336 | -.001365 | .0000681 | .0025831 | -.000360 | -.005438 |
| #2     | .0592156 | .001120  | -.001020 | .0008307 | .0066401 | -.000316 | -.006134 |
| #3     | -.003734 | .001609  | -.002200 | .0002646 | -.002687 | -.000185 | -.005404 |

Sample Name: PB164545BL      Acquired: 11/13/2024 0:46:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBS545      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0008750 | -.001121 | -.000122 |
| Stddev | .0024185 | .001488  | .000082  |
| %RSD   | 276.4050 | 132.7208 | 66.99745 |
| #1     | .0012024 | -.001979 | -.000058 |
| #2     | -.001691 | .000597  | -.000214 |
| #3     | .003113  | -.001981 | -.000094 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 879.4026 | 23642.71 | 2500.343 | 788.4507 | 1765.109 |
| Stddev    | 2.4330   | 41.51    | 8.412    | 4.1026   | 3.767    |
| %RSD      | .2766615 | .1755631 | .3364325 | .5203312 | .2134029 |
| #1        | 877.2259 | 23653.29 | 2490.664 | 784.2657 | 1765.387 |
| #2        | 882.0291 | 23596.93 | 2505.893 | 792.4656 | 1768.728 |
| #3        | 878.9528 | 23677.90 | 2504.471 | 788.6209 | 1761.210 |

Sample Name: PB164545BS      Acquired: 11/13/2024 0:50:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS545      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0196355 | .0540887 | .0189466 | .0628122 | .1072610 | .3843711 |
| Stddev | .0159664 | .0008194 | .0043684 | .0084862 | .0020227 | .0106388 |
| %RSD   | 81.31386 | 1.514953 | 23.05621 | 13.51048 | 1.885793 | 2.767841 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0345756 | .0531655 | .0166826 | .0725284 | .1093734 | .3952900 |
| #2 | .0215207 | .0543710 | .0161750 | .0590553 | .1053419 | .3837869 |
| #3 | .0028102 | .0547296 | .0239823 | .0568528 | .1070677 | .3740365 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4251156 | .0109285 | .0106883 | 10.99358 | .0210432 | .1015252 |
| Stddev | .0014282 | .0002103 | .0000679 | .03384   | .0008171 | .0001350 |
| %RSD   | .3359636 | 1.924761 | .6349400 | .3078483 | 3.882782 | .1329704 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4247743 | .0107268 | .0106881 | 10.95450 | .0201072 | .1014157 |
| #2 | .4266836 | .0111466 | .0106206 | 11.01265 | .0214090 | .1014838 |
| #3 | .4238890 | .0109120 | .0107564 | 11.01358 | .0216134 | .1016760 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0495899 | .2153862 | .0327256 | 10.37291 | .0848180 | .0228481 |
| Stddev | .0038514 | .0392675 | .0011966 | .13823   | .0005802 | .0002144 |
| %RSD   | 7.766551 | 18.23123 | 3.656349 | 1.332624 | .6840126 | .9384927 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0467981 | .1700595 | .0330062 | 10.24050 | .0849559 | .0226605 |
| #2 | .0479878 | .2390775 | .0337569 | 10.36194 | .0841813 | .0230819 |
| #3 | .0539837 | .2370215 | .0314137 | 10.51631 | .0853168 | .0228020 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.89679 | .1124953 | .1122999 | 9.969409 | .0148694 | F -.000860 |
| Stddev | .13233   | .0130890 | .0005920 | .032830  | .0011104 | .000630    |
| %RSD   | 1.214432 | 11.63515 | .5271614 | .3293086 | 7.467493 | 73.21815   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.77717 | .1068908 | .1129177 | 9.981319 | .0159411 | -.001489 |
| #2 | 10.87428 | .1274534 | .1117376 | 9.994622 | .0149429 | -.000861 |
| #3 | 11.03894 | .1031418 | .1122445 | 9.932286 | .0137241 | -.000230 |

Sample Name: PB164545BS      Acquired: 11/13/2024 0:50:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS545      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |            |            |          |          |
|-----------|------------|----------|------------|------------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg       | F .0195386 | .1744208 | F .4602887 | F .0076213 | .2045804 | .0299938 |
| Stddev    | .0001289   | .0040712 | .0021257   | .0013619   | .0031268 | .0011717 |
| %RSD      | .6594990   | 2.334128 | .4618195   | 17.86908   | 1.528380 | 3.906383 |
| #1        | .0196221   | .1702159 | .4596185   | .0089733   | .2078485 | .0286575 |
| #2        | .0196034   | .1783437 | .4626687   | .0062497   | .2042753 | .0308447 |
| #3        | .0193902   | .1747027 | .4585788   | .0076409   | .2016173 | .0304793 |
| Elem      | Sr4077     |          |            |            |          |          |
| Units     | ppm        |          |            |            |          |          |
| Avg       | .2134075   |          |            |            |          |          |
| Stddev    | .0004483   |          |            |            |          |          |
| %RSD      | .2100632   |          |            |            |          |          |
| #1        | .2129395   |          |            |            |          |          |
| #2        | .2134501   |          |            |            |          |          |
| #3        | .2138330   |          |            |            |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710     | Y_2243     | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S      | Cts/S      | Cts/S    |          |
| Avg       | 873.8992   | 23557.16 | 2479.097   | 781.8169   | 1733.371 |          |
| Stddev    | 1.0889     | 36.67    | 9.040      | 1.8721     | 1.384    |          |
| %RSD      | .1245968   | .1556803 | .3646546   | .2394595   | .0798244 |          |
| #1        | 874.8053   | 23554.95 | 2487.605   | 780.3076   | 1733.716 |          |
| #2        | 872.6913   | 23594.88 | 2469.605   | 783.9118   | 1731.848 |          |
| #3        | 874.2011   | 23521.63 | 2480.079   | 781.2313   | 1734.551 |          |

Sample Name: PB164584BS      Acquired: 11/13/2024 0:55:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS584      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0233184 | .0529721 | .0196283 | .0654937 | .1093025 | .3964421 |
| Stddev | .0043854 | .0049810 | .0023466 | .0040998 | .0039928 | .0066858 |
| %RSD   | 18.80657 | 9.403167 | 11.95508 | 6.259820 | 3.653016 | 1.686440 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0262776 | .0585978 | .0205520 | .0702155 | .1058307 | .4032306 |
| #2 | .0182801 | .0491226 | .0213725 | .0634283 | .1136657 | .3962316 |
| #3 | .0253975 | .0511958 | .0169604 | .0628375 | .1084112 | .3898641 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4256483 | .0109795 | .0107794 | 11.08367 | .0209798 | .1020265 |
| Stddev | .0017282 | .0000285 | .0000491 | .07525   | .0006918 | .0003357 |
| %RSD   | .4060261 | .2595840 | .4553381 | .6789153 | 3.297513 | .3290370 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4257203 | .0109991 | .0107335 | 11.09987 | .0216709 | .1019391 |
| #2 | .4238851 | .0109468 | .0108312 | 11.00164 | .0202873 | .1023972 |
| #3 | .4273394 | .0109926 | .0107736 | 11.14951 | .0209812 | .1017431 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0472654 | .2239654 | .0324539 | 10.42135 | .0853272 | .0230932 |
| Stddev | .0030434 | .0114892 | .0011587 | .11687   | .0001303 | .0003840 |
| %RSD   | 6.439006 | 5.129893 | 3.570231 | 1.121469 | .1527022 | 1.662919 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0444548 | .2211739 | .0333622 | 10.36586 | .0854583 | .0231120 |
| #2 | .0504977 | .2141291 | .0311490 | 10.34256 | .0851977 | .0227001 |
| #3 | .0468436 | .2365931 | .0328506 | 10.55563 | .0853256 | .0234674 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.79168 | .1242500 | .1107091 | 9.905511 | .0167917 | F -.000867 |
| Stddev | .37658   | .0034692 | .0008976 | .033466  | .0015735 | .000965    |
| %RSD   | 3.489574 | 2.792113 | .8107695 | .3378521 | 9.370720 | 111.2627   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 11.20935 | .1236319 | .1117251 | 9.871472 | .0151073 | -.001830 |
| #2 | 10.47805 | .1279867 | .1100238 | 9.906687 | .0182238 | -.000871 |
| #3 | 10.68765 | .1211314 | .1103784 | 9.938373 | .0170440 | .000100  |

Sample Name: PB164584BS      Acquired: 11/13/2024 0:55:15      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS584      Custom ID2:      Custom ID3:  
Comment:

|        |            |          |            |            |          |          |
|--------|------------|----------|------------|------------|----------|----------|
| Elem   | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361   | Li6707   |
| Units  | ppm        | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg    | F .0194430 | .1817455 | F .4611953 | F .0077013 | .2065774 | .0292170 |
| Stddev | .0002765   | .0045857 | .0048009   | .0016078   | .0012731 | .0009109 |
| %RSD   | 1.422233   | 2.523162 | 1.040972   | 20.87671   | .6162586 | 3.117696 |
| #1     | .0193477   | .1821486 | .4663377   | .0072165   | .2051769 | .0283323 |
| #2     | .0197545   | .1769715 | .4568310   | .0094957   | .2068910 | .0291667 |
| #3     | .0192267   | .1861163 | .4604171   | .0063917   | .2076644 | .0301521 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | .2138936 |
| Stddev | .0008622 |
| %RSD   | .4030725 |
| #1     | .2131423 |
| #2     | .2137037 |
| #3     | .2148349 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 871.4575 | 23561.06 | 2481.837 | 782.5950 | 1731.985 |
| Stddev    | .3925    | 19.51    | 12.337   | .8284    | .346     |
| %RSD      | .0450349 | .0828123 | .4970800 | .1058521 | .0199615 |
| #1        | 871.1453 | 23543.29 | 2469.731 | 783.2619 | 1732.020 |
| #2        | 871.8980 | 23581.94 | 2494.392 | 782.8553 | 1731.622 |
| #3        | 871.3291 | 23557.94 | 2481.387 | 781.6677 | 1732.311 |

Sample Name: P4523-07DLX2      Acquired: 11/13/2024 0:59:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4403363 | .0152508 | .3768113 | -.003856 | .0135411 | 91.28272 | 1.355844 |
| Stddev | .0032857 | .0007108 | .0005833 | .004704  | .0028102 | .93909   | .013438  |
| %RSD   | .7461685 | 4.660549 | .1548025 | 122.0069 | 20.75290 | 1.028766 | .9910940 |
| #1     | .4422883 | .0152799 | .3773082 | -.008720 | .0130661 | 92.33867 | 1.371350 |
| #2     | .4421777 | .0159466 | .3769567 | .000671  | .0109988 | 90.96833 | 1.347610 |
| #3     | .4365429 | .0145259 | .3761691 | -.003518 | .0165586 | 90.54117 | 1.348571 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0031391 | .0187757 | 19.47478 | .2171397 | .1463264 | .9047780 | 285.2999 |
| Stddev | .0000332 | .0001713 | .27816   | .0048846 | .0004216 | .0154281 | 3.6468   |
| %RSD   | 1.056799 | .9122713 | 1.428326 | 2.249510 | .2881040 | 1.705175 | 1.278248 |
| #1     | .0031759 | .0187058 | 19.78446 | .2227289 | .1467472 | .9225765 | 289.3587 |
| #2     | .0031117 | .0186504 | 19.39373 | .2150004 | .1459040 | .8952181 | 284.2423 |
| #3     | .0031296 | .0189709 | 19.24614 | .2136897 | .1463280 | .8965396 | 282.2987 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.238820 | 48.13420 | .2985533 | -.019379 | 1.349298 | .5675344 | .8139966 |
| Stddev | .055514  | .62229   | .0014469 | .000789  | .163841  | .0058026 | .0162094 |
| %RSD   | .8898096 | 1.292823 | .4846341 | 4.073811 | 12.14269 | 1.022425 | 1.991338 |
| #1     | 6.297043 | 48.82375 | .2973355 | -.018532 | 1.505036 | .5718440 | .8320975 |
| #2     | 6.232933 | 47.96445 | .3001528 | -.020095 | 1.178406 | .5698228 | .8008214 |
| #3     | 6.186485 | 47.61440 | .2981718 | -.019510 | 1.364451 | .5609366 | .8090709 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.40574 | 5.162113 | .2065002 | .0000750 | .6881500 | 7.977332 | .0002243 |
| Stddev | .23237   | .012331  | .0021614 | .0003503 | .0069693 | .124529  | .0046514 |
| %RSD   | 1.416419 | .2388823 | 1.046693 | 467.0805 | 1.012765 | 1.561034 | 2073.975 |
| #1     | 16.63693 | 5.151753 | .2086454 | .0004077 | .6801061 | 8.110353 | .0036592 |
| #2     | 16.40808 | 5.175753 | .2065323 | .0001080 | .6919646 | 7.958113 | .0020825 |
| #3     | 16.17220 | 5.158834 | .2043230 | -.000291 | .6923794 | 7.863530 | -.005069 |



Sample Name: P4523-07DLX2      Acquired: 11/13/2024 0:59:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.175546 | .0822516 | .2518256 |
| Stddev | .033178  | .0014593 | .0023212 |
| %RSD   | 1.044811 | 1.774198 | .9217466 |
| #1     | 3.212344 | .0835925 | .2544796 |
| #2     | 3.166380 | .0824648 | .2508230 |
| #3     | 3.147914 | .0806974 | .2501742 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 922.2181 | 25047.11 | 2691.060 | 822.9099 | 1650.365 |
| Stddev    | .6640    | 381.80   | 32.944   | 14.6632  | 3.389    |
| %RSD      | .0720012 | 1.524315 | 1.224206 | 1.781869 | .2053288 |
| #1        | 921.4586 | 24606.55 | 2655.803 | 806.2600 | 1652.862 |
| #2        | 922.6884 | 25281.54 | 2696.318 | 833.8983 | 1651.725 |
| #3        | 922.5075 | 25253.23 | 2721.059 | 828.5714 | 1646.507 |

Sample Name: P4523-08DLX2      Acquired: 11/13/2024 1:04:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3022981 | .0155819 | .3364298 | -.007575 | .0113055 | 81.67273 | 1.205073 |
| Stddev | .0105884 | .0019801 | .0054170 | .007112  | .0026087 | .32501   | .008705  |
| %RSD   | 3.502622 | 12.70758 | 1.610131 | 93.88049 | 23.07470 | .3979440 | .7223672 |
| #1     | .3098608 | .0141709 | .3340842 | -.014956 | .0137997 | 81.39473 | 1.199628 |
| #2     | .2901971 | .0178455 | .3325809 | -.007002 | .0085957 | 81.59340 | 1.200478 |
| #3     | .3068364 | .0147294 | .3426243 | -.000767 | .0115211 | 82.03007 | 1.215113 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0026310 | .0153689 | 17.72303 | .2019582 | .1357136 | .8078503 | 251.5390 |
| Stddev | .0001284 | .0001732 | .02898   | .0007783 | .0009011 | .0054665 | .6622    |
| %RSD   | 4.880125 | 1.127195 | .1635069 | .3853799 | .6639904 | .6766759 | .2632676 |
| #1     | .0025763 | .0151893 | 17.72251 | .2017563 | .1362551 | .8071518 | 250.8294 |
| #2     | .0027777 | .0153826 | 17.75227 | .2028176 | .1362123 | .8027666 | 251.6469 |
| #3     | .0025391 | .0155349 | 17.69432 | .2013007 | .1346734 | .8136325 | 252.1406 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.056070 | 44.95364 | .2680759 | -.017734 | 1.290215 | .4894909 | .7511378 |
| Stddev | .013908  | .26898   | .0016904 | .000570  | .153267  | .0065855 | .0017248 |
| %RSD   | .2750701 | .5983605 | .6305491 | 3.212425 | 11.87917 | 1.345374 | .2296283 |
| #1     | 5.047329 | 44.64396 | .2664941 | -.017228 | 1.121695 | .4824282 | .7510971 |
| #2     | 5.048773 | 45.08785 | .2698571 | -.017623 | 1.327660 | .4905816 | .7494336 |
| #3     | 5.072107 | 45.12911 | .2678764 | -.018351 | 1.421289 | .4954630 | .7528826 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.48354 | 4.816287 | .1813107 | -.000680 | .5564455 | 7.538790 | -.000643 |
| Stddev | .06928   | .011806  | .0017155 | .000831  | .0079637 | .014430  | .001694  |
| %RSD   | .4783218 | .2451214 | .9461501 | 122.2294 | 1.431174 | .1914165 | 263.4088 |
| #1     | 14.43859 | 4.829790 | .1809500 | -.001155 | .5472507 | 7.522391 | .001165  |
| #2     | 14.44870 | 4.807916 | .1798044 | -.001166 | .5611559 | 7.544426 | -.002195 |
| #3     | 14.56332 | 4.811155 | .1831779 | .000280  | .5609298 | 7.549551 | -.000899 |

Sample Name: P4523-08DLX2      Acquired: 11/13/2024 1:04:10      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.659660 | .0726829 | .2183110 |
| Stddev | .011781  | .0006947 | .0009993 |
| %RSD   | .4429418 | .9557458 | .4577632 |
| #1     | 2.652961 | .0734845 | .2173970 |
| #2     | 2.652756 | .0723091 | .2181580 |
| #3     | 2.673263 | .0722553 | .2193780 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.8021 | 25324.68 | 2709.101 | 831.9378 | 1660.379 |
| Stddev    | 1.0811   | 73.12    | 2.101    | .8753    | 2.604    |
| %RSD      | .1167793 | .2887479 | .0775560 | .1052126 | .1568191 |
| #1        | 926.3803 | 25287.89 | 2709.443 | 831.8553 | 1660.461 |
| #2        | 926.4712 | 25277.25 | 2706.850 | 832.8515 | 1662.941 |
| #3        | 924.5548 | 25408.89 | 2711.010 | 831.1067 | 1657.736 |

Sample Name: P4523-07LDLX10      Acquired: 11/13/2024 1:08:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1000929 | .0031677 | .0809331 | -.000224 | .0049157 | 19.90490 | .2985859 |
| Stddev | .0033716 | .0032381 | .0007041 | .006385  | .0035597 | .04858   | .0019910 |
| %RSD   | 3.368505 | 102.2226 | .8699684 | 2853.534 | 72.41523 | .2440758 | .6668170 |
| #1     | .1011119 | -.000566 | .0802609 | -.005663 | .0064659 | 19.89585 | .2969925 |
| #2     | .1028374 | .004865  | .0816653 | .006806  | .0008437 | 19.95737 | .3008179 |
| #3     | .0963293 | .005204  | .0808731 | -.001815 | .0074375 | 19.86147 | .2979474 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007342 | .0034398 | 4.133859 | .0460598 | .0305607 | .1989111 | 63.57517 |
| Stddev | .0000333 | .0001901 | .028657  | .0000915 | .0002748 | .0020845 | .13492   |
| %RSD   | 4.536934 | 5.525245 | .6932230 | .1985520 | .8990707 | 1.047935 | .2122267 |
| #1     | .0007191 | .0032475 | 4.106553 | .0460779 | .0306609 | .1990921 | 63.49525 |
| #2     | .0007724 | .0034444 | 4.131325 | .0459606 | .0302499 | .2008991 | 63.49932 |
| #3     | .0007112 | .0036275 | 4.163699 | .0461408 | .0307713 | .1967420 | 63.73095 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.393617 | 10.36809 | .0604647 | -.003545 | .3704032 | .1323052 | .1822982 |
| Stddev | .009602  | .17778   | .0004257 | .000211  | .3235934 | .0109604 | .0002280 |
| %RSD   | .6889942 | 1.714650 | .7039649 | 5.939305 | 87.36249 | 8.284168 | .1250428 |
| #1     | 1.388360 | 10.39795 | .0609554 | -.003635 | .7436321 | .1205950 | .1822864 |
| #2     | 1.404700 | 10.17728 | .0602425 | -.003696 | .1992092 | .1340029 | .1820764 |
| #3     | 1.387792 | 10.52905 | .0601960 | -.003305 | .1683681 | .1423176 | .1825318 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.502112 | 1.069915 | .0449362 | -.000049 | .1432786 | 1.782699 | -.008752 |
| Stddev | .058575  | .009089  | .0008258 | .000291  | .0043700 | .001358  | .001138  |
| %RSD   | 1.672552 | .8495025 | 1.837733 | 598.1178 | 3.049996 | .0761684 | 13.00743 |
| #1     | 3.454902 | 1.061242 | .0444408 | .000201  | .1428183 | 1.784264 | -.007556 |
| #2     | 3.567662 | 1.069134 | .0444784 | -.000368 | .1391570 | 1.781998 | -.009822 |
| #3     | 3.483772 | 1.079369 | .0458895 | .000022  | .1478606 | 1.781834 | -.008877 |

Sample Name: P4523-07LDLX10      Acquired: 11/13/2024 1:08:36      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .6946771 | .0164634 | .0550568 |
| Stddev | .0048260 | .0008827 | .0002792 |
| %RSD   | .6947065 | 5.361847 | .5071526 |
| #1     | .6973516 | .0156142 | .0550106 |
| #2     | .6975736 | .0173763 | .0553563 |
| #3     | .6891060 | .0163997 | .0548036 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 893.1304 | 24037.40 | 2554.554 | 795.6064 | 1735.115 |
| Stddev    | 1.2702   | 31.71    | 4.165    | 3.6614   | 1.825    |
| %RSD      | .1422150 | .1318999 | .1630598 | .4602008 | .1051711 |
| #1        | 891.9487 | 24036.34 | 2554.164 | 799.7102 | 1733.237 |
| #2        | 894.4736 | 24006.24 | 2550.596 | 794.4345 | 1736.882 |
| #3        | 892.9690 | 24069.62 | 2558.900 | 792.6744 | 1735.225 |

Sample Name: P4523-09DLX2      Acquired: 11/13/2024 1:13:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5141300 | .1116605 | .4290397 | .1631064 | .1793391 | 96.01461 | 5.317619 |
| Stddev | .0057536 | .0021974 | .0026685 | .0037152 | .0016071 | .40615   | .011688  |
| %RSD   | 1.119087 | 1.967960 | .6219623 | 2.277744 | .8961251 | .4230037 | .2197899 |
| #1     | .5085298 | .1126518 | .4306921 | .1588247 | .1782568 | 95.55808 | 5.306396 |
| #2     | .5138348 | .1131877 | .4304658 | .1654778 | .1811858 | 96.33582 | 5.316740 |
| #3     | .5200255 | .1091421 | .4259612 | .1650166 | .1785749 | 96.14993 | 5.329722 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0985206 | .1221629 | 18.91944 | .6247100 | 1.161988 | 1.363295 | 289.5051 |
| Stddev | .0006232 | .0002213 | .20239   | .0039207 | .002099  | .011500  | 1.3381   |
| %RSD   | .6325352 | .1811714 | 1.069772 | .6276094 | .1806450 | .8435112 | .4622103 |
| #1     | .0979022 | .1221268 | 18.72568 | .6267398 | 1.160708 | 1.375112 | 288.4069 |
| #2     | .0991484 | .1219619 | 19.12949 | .6271997 | 1.160846 | 1.352141 | 290.9955 |
| #3     | .0985112 | .1224001 | 18.90313 | .6201905 | 1.164411 | 1.362632 | 289.1130 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.331630 | 47.72334 | 1.315049 | .0703979 | 1.515087 | 1.589261 | 1.650707 |
| Stddev | .014141  | .23045   | .000670  | .0005912 | .156902  | .011864  | .007035  |
| %RSD   | .1928723 | .4828892 | .0509202 | .8397405 | 10.35596 | .7464924 | .4261551 |
| #1     | 7.318584 | 47.60827 | 1.314507 | .0710396 | 1.685180 | 1.600867 | 1.645109 |
| #2     | 7.346657 | 47.98867 | 1.314843 | .0702785 | 1.484071 | 1.589761 | 1.658603 |
| #3     | 7.329647 | 47.57309 | 1.315798 | .0698755 | 1.376009 | 1.577156 | 1.648407 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 16.73640 | 5.364920 | .2089723 | .0001974 | .6928096 | 8.055647 | .0009393 |
| Stddev | .12287   | .006199  | .0014029 | .0007715 | .0090359 | .068005  | .0028265 |
| %RSD   | .7341556 | .1155486 | .6713290 | 390.7598 | 1.304241 | .8441947 | 300.9123 |
| #1     | 16.70222 | 5.368862 | .2078977 | .0008472 | .6827598 | 7.977349 | .0039884 |
| #2     | 16.63424 | 5.357774 | .2105594 | .0004002 | .6954058 | 8.099973 | -.001593 |
| #3     | 16.87274 | 5.368123 | .2084599 | -.000655 | .7002632 | 8.089619 | .000423  |

Sample Name: P4523-09DLX2      Acquired: 11/13/2024 1:13:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4T8S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 3.205343 | .0827021 | .2548487 |
| Stddev | .009414  | .0008521 | .0002250 |
| %RSD   | .2936832 | 1.030321 | .0882994 |
| #1     | 3.195079 | .0824683 | .2546316 |
| #2     | 3.207377 | .0819913 | .2550809 |
| #3     | 3.213573 | .0836467 | .2548336 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 923.9151 | 25314.08 | 2724.066 | 823.9456 | 1647.674 |
| Stddev    | 1.1936   | 63.07    | 19.616   | 1.4805   | .392     |
| %RSD      | .1291904 | .2491629 | .7200933 | .1796810 | .0237772 |
| #1        | 922.9412 | 25277.91 | 2745.542 | 824.4670 | 1647.952 |
| #2        | 923.5573 | 25277.41 | 2707.094 | 822.2750 | 1647.844 |
| #3        | 925.2466 | 25386.90 | 2719.562 | 825.0949 | 1647.226 |

Sample Name: P4502-20DLX5      Acquired: 11/13/2024 1:17:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0189679 | -.001872 | .0214141 | -.001291 | .0022061 | 35.29525 | .3539679 |
| Stddev | .0016755 | .000472  | .0043382 | .004411  | .0031075 | .06674   | .0006554 |
| %RSD   | 8.833514 | 25.18529 | 20.25854 | 341.7779 | 140.8624 | .1890811 | .1851609 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0170372 | -.002317 | .0253557 | .002980  | -.001300 | 35.37230 | .3546366 |
| #2 | .0200416 | -.001378 | .0167660 | -.005830 | .004620  | 35.25749 | .3539405 |
| #3 | .0198249 | -.001922 | .0221205 | -.001021 | .003299  | 35.25594 | .3533267 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010430 | .0032749 | 240.7465 | .3489551 | .0668354 | .0736508 | 93.37290 |
| Stddev | .0001318 | .0001353 | .4577    | .0014886 | .0002788 | .0029771 | .17384   |
| %RSD   | 12.63793 | 4.129827 | .1901203 | .4265795 | .4171687 | 4.042155 | .1861805 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0009382 | .0033447 | 241.0336 | .3505967 | .0671558 | .0747673 | 93.45529 |
| #2 | .0009998 | .0031190 | 240.2187 | .3485756 | .0667025 | .0702768 | 93.17319 |
| #3 | .0011910 | .0033611 | 240.9872 | .3476930 | .0666480 | .0759082 | 93.49024 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.431658 | 46.30854 | .3798309 | .0003452 | 1.392627 | .3304095 | .1129132 |
| Stddev | .006185  | .25613   | .0017556 | .0005948 | .110773  | .0134693 | .0008352 |
| %RSD   | .4319972 | .5531023 | .4622160 | 172.3159 | 7.954283 | 4.076533 | .7397250 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.436348 | 46.36759 | .3806049 | .0007822 | 1.373271 | .3162742 | .1124690 |
| #2 | 1.424649 | 46.02804 | .3810665 | .0005856 | 1.292807 | .3430955 | .1123940 |
| #3 | 1.433976 | 46.52999 | .3778212 | -.000332 | 1.511803 | .3318588 | .1138767 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.464545 | 1.024562 | .0765197 | -.000701 | 4.895288 | 2.741671 | -.012640 |
| Stddev | .102393  | .008732  | .0006810 | .000727  | .019761  | .010013  | .000857  |
| %RSD   | 4.154658 | .8522584 | .8899891 | 103.7498 | .4036742 | .3652301 | 6.782792 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.453812 | 1.019329 | .0770465 | -.000780 | 4.903103 | 2.748920 | -.013517 |
| #2 | 2.571882 | 1.034642 | .0767620 | .000063  | 4.872815 | 2.730246 | -.011804 |
| #3 | 2.367941 | 1.019715 | .0757507 | -.001385 | 4.909947 | 2.745848 | -.012599 |



Sample Name: P4502-20DLX5      Acquired: 11/13/2024 1:17:26      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4976018 | .0299958 | .3935343 |
| Stddev | .0019982 | .0023355 | .0010324 |
| %RSD   | .4015573 | 7.785971 | .2623412 |
| #1     | .4982846 | .0274132 | .3947250 |
| #2     | .4953517 | .0319596 | .3929884 |
| #3     | .4991690 | .0306146 | .3928894 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 850.1892 | 23375.58 | 2544.469 | 764.2247 | 1556.488 |
| Stddev    | 1.4208   | 67.53    | 8.510    | 4.9961   | 2.044    |
| %RSD      | .1671152 | .2889094 | .3344356 | .6537465 | .1313007 |
| #1        | 848.5968 | 23352.91 | 2534.982 | 762.9121 | 1554.344 |
| #2        | 850.6432 | 23322.29 | 2551.429 | 760.0159 | 1556.707 |
| #3        | 851.3274 | 23451.53 | 2546.997 | 769.7460 | 1558.413 |

Sample Name: P4502-21DLX5      Acquired: 11/13/2024 1:21:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0163638 | -.000058 | .0144055 | -.004609 | .0020051 | 28.55318 | .1999264 |
| Stddev | .0036131 | .000391  | .0015179 | .005326  | .0002612 | .03569   | .0002253 |
| %RSD   | 22.08015 | 677.7326 | 10.53671 | 115.5738 | 13.02776 | .1249902 | .1127052 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0123722 | .000042  | .0128180 | -.010756 | .0017138 | 28.56456 | .2001563 |
| #2 | .0194108 | -.000488 | .0145560 | -.001702 | .0020828 | 28.51318 | .1999169 |
| #3 | .0173084 | .000273  | .0158425 | -.001368 | .0022185 | 28.58178 | .1997059 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007988 | .0017050 | 220.3684 | .2626132 | .0410382 | .0488412 | 58.77781 |
| Stddev | .0000621 | .0000498 | .6818    | .0003079 | .0003177 | .0031993 | .09313   |
| %RSD   | 7.775454 | 2.919487 | .3094003 | .1172586 | .7740358 | 6.550456 | .1584429 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0007300 | .0016859 | 220.2626 | .2626430 | .0406855 | .0497452 | 58.86485 |
| #2 | .0008508 | .0016676 | 221.0969 | .2629052 | .0411273 | .0514912 | 58.67960 |
| #3 | .0008156 | .0017615 | 219.7456 | .2622915 | .0413017 | .0452871 | 58.78898 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .9546717 | 29.83792 | .3092084 | .0020218 | .8397910 | .1658652 | .0812269 |
| Stddev | .0043472 | .16739   | .0006459 | .0004001 | .1722746 | .0052340 | .0004729 |
| %RSD   | .4553651 | .5610026 | .2088891 | 19.79163 | 20.51398 | 3.155557 | .5822112 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .9596195 | 29.64671 | .3090128 | .0020771 | .9850521 | .1652774 | .0806815 |
| #2 | .9529314 | 29.95799 | .3086830 | .0023914 | .8848589 | .1713682 | .0814775 |
| #3 | .9514643 | 29.90906 | .3099295 | .0015968 | .6494619 | .1609499 | .0815219 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.119634 | .6094110 | .0511175 | -.000961 | 3.658028 | 2.261576 | -.011689 |
| Stddev | .030841  | .0038615 | .0011023 | .000226  | .021751  | .005710  | .000238  |
| %RSD   | 1.455023 | .6336392 | 2.156355 | 23.56370 | .5945970 | .2524825 | 2.039525 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 2.143087 | .6078105 | .0517563 | -.000722 | 3.653177 | 2.267608 | -.011778 |
| #2 | 2.131115 | .6066071 | .0498447 | -.001172 | 3.639113 | 2.256254 | -.011871 |
| #3 | 2.084699 | .6138154 | .0517515 | -.000990 | 3.681795 | 2.260867 | -.011419 |

Sample Name: P4502-21DLX5      Acquired: 11/13/2024 1:21:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .3583940 | .0230946 | .3112063 |
| Stddev | .0029351 | .0003920 | .0002848 |
| %RSD   | .8189519 | 1.697507 | .0915024 |
| #1     | .3573880 | .0226670 | .3114364 |
| #2     | .3616997 | .0231796 | .3108878 |
| #3     | .3560941 | .0234371 | .3112948 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 849.0482 | 23364.13 | 2520.595 | 762.0213 | 1584.042 |
| Stddev    | 1.4078   | 55.57    | 8.552    | 1.8580   | 2.830    |
| %RSD      | .1658123 | .2378410 | .3392735 | .2438212 | .1786762 |
| #1        | 849.4234 | 23305.43 | 2510.842 | 764.1608 | 1581.781 |
| #2        | 850.2305 | 23371.04 | 2526.813 | 760.8142 | 1587.217 |
| #3        | 847.4908 | 23415.92 | 2524.129 | 761.0889 | 1583.129 |

Sample Name: P4502-22DLX5      Acquired: 11/13/2024 1:26:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0474447 | .0380654 | .0382237 | .0639821 | .0674979 | 35.26566 | 1.872423 |
| Stddev | .0071107 | .0065411 | .0035241 | .0031159 | .0015327 | .09400   | .004820  |
| %RSD   | 14.98733 | 17.18389 | 9.219596 | 4.869961 | 2.270689 | .2665503 | .2573972 |
| #1     | .0526081 | .0424380 | .0400599 | .0630635 | .0689667 | 35.35982 | 1.874787 |
| #2     | .0503917 | .0412125 | .0341607 | .0614288 | .0676185 | 35.17182 | 1.866878 |
| #3     | .0393343 | .0305456 | .0404505 | .0674541 | .0659085 | 35.26535 | 1.875605 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0393545 | .0422183 | 230.7796 | .4960986 | .4504944 | .2510128 | 90.53083 |
| Stddev | .0001424 | .0001871 | .6066    | .0004494 | .0006931 | .0041933 | .14016   |
| %RSD   | .3618555 | .4430993 | .2628432 | .0905852 | .1538446 | 1.670566 | .1548193 |
| #1     | .0392020 | .0423434 | 231.4795 | .4963885 | .4512534 | .2551139 | 90.69267 |
| #2     | .0394841 | .0423083 | 230.4061 | .4963263 | .4498951 | .2467330 | 90.44853 |
| #3     | .0393773 | .0420033 | 230.4532 | .4955809 | .4503348 | .2511914 | 90.45130 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.762291 | 44.53398 | .7526554 | .0360046 | 1.084253 | .7171953 | .4379590 |
| Stddev | .007939  | .19289   | .0004311 | .0006133 | .130468  | .0096976 | .0020658 |
| %RSD   | .4504652 | .4331215 | .0572755 | 1.703300 | 12.03295 | 1.352158 | .4716781 |
| #1     | 1.763659 | 44.72815 | .7528034 | .0366227 | 1.135142 | .7111191 | .4365482 |
| #2     | 1.753758 | 44.53140 | .7521698 | .0353963 | .936009  | .7120876 | .4369987 |
| #3     | 1.769457 | 44.34240 | .7529930 | .0359948 | 1.181607 | .7283791 | .4403301 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.403420 | .9906893 | .0735228 | -.000636 | 4.698208 | 2.734571 | -.013191 |
| Stddev | .095606  | .0077725 | .0008384 | .000355  | .014402  | .013859  | .000250  |
| %RSD   | 3.977919 | .7845507 | 1.140278 | 55.84334 | .3065514 | .5068162 | 1.893499 |
| #1     | 2.513175 | .9995914 | .0727780 | -.000678 | 4.688445 | 2.738700 | -.013382 |
| #2     | 2.358833 | .9872259 | .0744308 | -.000261 | 4.691431 | 2.719116 | -.013282 |
| #3     | 2.338251 | .9852505 | .0733596 | -.000967 | 4.714749 | 2.745897 | -.012908 |

Sample Name: P4502-22DLX5      Acquired: 11/13/2024 1:26:23      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4811546 | .0280644 | .3783222 |
| Stddev | .0039787 | .0009476 | .0009915 |
| %RSD   | .8268954 | 3.376365 | .2620876 |
| #1     | .4789501 | .0284072 | .3794660 |
| #2     | .4787662 | .0287928 | .3777058 |
| #3     | .4857475 | .0269931 | .3777949 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 852.3989 | 23469.54 | 2540.635 | 765.6747 | 1565.047 |
| Stddev    | 1.2769   | 62.68    | 5.966    | 2.0777   | .075     |
| %RSD      | .1498033 | .2670702 | .2348219 | .2713615 | .0047607 |
| #1        | 850.9494 | 23397.17 | 2535.326 | 763.7058 | 1565.038 |
| #2        | 853.3576 | 23507.03 | 2547.091 | 767.8464 | 1564.978 |
| #3        | 852.8896 | 23504.40 | 2539.488 | 765.4719 | 1565.126 |

Sample Name: P4502-20LDLX25      Acquired: 11/13/2024 1:30:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0101556 | .0010622 | .0052081 | .0008443 | .0007603 | 7.057685 | .0713712 |
| Stddev | .0064446 | .0011340 | .0016588 | .0020382 | .0023432 | .043823  | .0006959 |
| %RSD   | 63.45876 | 106.7674 | 31.84964 | 241.4138 | 308.1918 | .6209211 | .9750108 |
| #1     | .0152604 | .0004644 | .0070029 | .0010193 | .0000508 | 7.107101 | .0719396 |
| #2     | .0029139 | .0003520 | .0048899 | .0027893 | -.001146 | 7.023547 | .0705952 |
| #3     | .0122926 | .0023700 | .0037315 | -.001276 | .003376  | 7.042406 | .0715790 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002324 | .0003586 | 47.81631 | .0709480 | .0120383 | .0132081 | 19.05400 |
| Stddev | .0000517 | .0001010 | .31142   | .0009559 | .0002190 | .0046369 | .07346   |
| %RSD   | 22.24097 | 28.16583 | .6512803 | 1.347299 | 1.819182 | 35.10669 | .3855425 |
| #1     | .0002439 | .0004260 | 48.17405 | .0719244 | .0117877 | .0182358 | 19.13620 |
| #2     | .0002774 | .0002425 | 47.60580 | .0700141 | .0121337 | .0090995 | 19.03104 |
| #3     | .0001759 | .0004074 | 47.66909 | .0709054 | .0121933 | .0122891 | 18.99476 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2920873 | 9.205520 | .0735717 | .0012256 | .5722300 | .0711861 | .0606718 |
| Stddev | .0026461 | .077223  | .0005130 | .0003234 | .2040219 | .0024739 | .0003538 |
| %RSD   | .9059380 | .8388753 | .6972755 | 26.38623 | 35.65383 | 3.475285 | .5832002 |
| #1     | .2944601 | 9.253165 | .0733073 | .0010005 | .3370900 | .0711196 | .0607604 |
| #2     | .2925681 | 9.246974 | .0741630 | .0010801 | .7023225 | .0736926 | .0602821 |
| #3     | .2892338 | 9.116423 | .0732449 | .0015961 | .6772777 | .0687461 | .0609730 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5490516 | .1893132 | .0148346 | -.000224 | .9093140 | .5530479 | -.008980 |
| Stddev | .0419901 | .0025167 | .0007934 | .000098  | .0071195 | .0034014 | .001676  |
| %RSD   | 7.647756 | 1.329385 | 5.348169 | 43.98613 | .7829509 | .6150327 | 18.66386 |
| #1     | .5769536 | .1892117 | .0141130 | -.000175 | .9149533 | .5554887 | -.007100 |
| #2     | .5694412 | .1918792 | .0156842 | -.000159 | .9013140 | .5544923 | -.009520 |
| #3     | .5007600 | .1868488 | .0147065 | -.000337 | .9116746 | .5491626 | -.010319 |

Sample Name: P4502-20LDLX25      Acquired: 11/13/2024 1:30:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0996121 | .0028143 | .0788553 |
| Stddev | .0010701 | .0006337 | .0002259 |
| %RSD   | 1.074296 | 22.51684 | .2864946 |
| #1     | .0999860 | .0034189 | .0791152 |
| #2     | .1004452 | .0028691 | .0787062 |
| #3     | .0984052 | .0021550 | .0787445 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 877.1595 | 23740.09 | 2537.055 | 784.2071 | 1707.834 |
| Stddev    | .3416    | 15.85    | 14.679   | 2.7481   | 2.839    |
| %RSD      | .0389491 | .0667614 | .5785654 | .3504256 | .1662521 |
| #1        | 876.8012 | 23724.37 | 2521.290 | 781.3874 | 1709.028 |
| #2        | 877.4816 | 23756.07 | 2539.546 | 786.8775 | 1709.881 |
| #3        | 877.1959 | 23739.83 | 2550.328 | 784.3563 | 1704.592 |

Sample Name: P4730-04      Acquired: 11/13/2024 1:35:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0041052 | .0000660 | .0032407 | -.002260 | .0004801 | .0225760 | .1044424 |
| Stddev | .0030701 | .0035144 | .0011834 | .003198  | .0003346 | .0070615 | .0007247 |
| %RSD   | 74.78717 | 5321.494 | 36.51606 | 141.5335 | 69.69113 | 31.27897 | .6938828 |
| #1     | .0074848 | .0020048 | .0033988 | .000718  | .0002520 | .0210517 | .1038274 |
| #2     | .0033424 | .0021840 | .0019863 | -.001857 | .0003240 | .0302752 | .1042583 |
| #3     | .0014883 | -.003991 | .0043371 | -.005640 | .0008642 | .0164011 | .1052414 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000296 | -.000249 | 76.76272 | .0136127 | -.001230 | .0023526 | -.006007 |
| Stddev | .0001082 | .000233  | .11540   | .0007218 | .000508  | .0003161 | .025633  |
| %RSD   | 365.3152 | 93.54295 | .1503372 | 5.302386 | 41.31479 | 13.43677 | 426.6926 |
| #1     | .0000932 | -.000133 | 76.72826 | .0143071 | -.000918 | .0022333 | -.035368 |
| #2     | -.000095 | -.000097 | 76.89143 | .0136645 | -.001816 | .0021134 | .011910  |
| #3     | .000091  | -.000516 | 76.66848 | .0128663 | -.000955 | .0027109 | .005436  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000506 | 25.54005 | .0092044 | .0038569 | 22.12991 | .0021200 | -.000705 |
| Stddev | .001460  | .14514   | .0001756 | .0001923 | .13351   | .0086993 | .000142  |
| %RSD   | 288.5667 | .5682840 | 1.908036 | 4.985981 | .6032856 | 410.3420 | 20.08453 |
| #1     | -.001110 | 25.41289 | .0090023 | .0040751 | 21.99288 | .0038813 | -.000731 |
| #2     | .001159  | 25.50910 | .0092912 | .0037123 | 22.13726 | -.007325 | -.000552 |
| #3     | -.001567 | 25.69817 | .0093198 | .0037831 | 22.25959 | .009804  | -.000832 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2116337 | .0316525 | .0036636 | -.000007 | 7.069762 | 6.629113 | -.014094 |
| Stddev | .1409510 | .0023996 | .0006513 | .000300  | .028624  | .034827  | .000530  |
| %RSD   | 66.60138 | 7.581176 | 17.77838 | 4115.614 | .4048766 | .5253646 | 3.763664 |
| #1     | .0536219 | .0296832 | .0037921 | -.000275 | 7.039726 | 6.624454 | -.014053 |
| #2     | .3244239 | .0343252 | .0029576 | .000317  | 7.072833 | 6.666036 | -.014644 |
| #3     | .2568552 | .0309489 | .0042410 | -.000063 | 7.096726 | 6.596851 | -.013585 |



Sample Name: P4730-04      Acquired: 11/13/2024 1:35:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002150 | -.000126 | .1838661 |
| Stddev | .001580  | .001358  | .0004350 |
| %RSD   | 73.49053 | 1075.425 | .2366131 |
| #1     | -.003400 | -.001552 | .1836989 |
| #2     | -.002674 | .000022  | .1835394 |
| #3     | -.000374 | .001152  | .1843599 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 911.1442 | 24586.16 | 2628.526 | 827.3310 | 1758.568 |
| Stddev    | 2.6312   | 24.68    | 6.372    | 2.1967   | 4.621    |
| %RSD      | .2887799 | .1003760 | .2424184 | .2655182 | .2627695 |
| #1        | 913.4973 | 24578.77 | 2633.038 | 825.2747 | 1761.208 |
| #2        | 911.6323 | 24613.69 | 2621.237 | 829.6453 | 1761.264 |
| #3        | 908.3032 | 24566.02 | 2631.303 | 827.0729 | 1753.232 |

Sample Name: P4730-05      Acquired: 11/13/2024 1:39:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0007039 | -.002089 | .0052360 | -.008161 | .0005844 | .0306505 | .1069991 |
| Stddev | .0044203 | .003563  | .0018214 | .004098  | .0012096 | .0019575 | .0003234 |
| %RSD   | 627.9639 | 170.5607 | 34.78622 | 50.21149 | 206.9802 | 6.386628 | .3022399 |
| #1     | .0057922 | -.001740 | .0071906 | -.007175 | .0019307 | .0327739 | .1066619 |
| #2     | -.001492 | -.005814 | .0035863 | -.012662 | -.000411 | .0289178 | .1070288 |
| #3     | -.002189 | .001287  | .0049310 | -.004646 | .000233  | .0302597 | .1073066 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000457 | -.000242 | 78.03067 | .0140154 | -.001427 | -.001424 | -.003143 |
| Stddev | .0000542 | .000070  | .50004   | .0009527 | .000369  | .003970  | .023347  |
| %RSD   | 118.7197 | 28.88838 | .6408192 | 6.797264 | 25.89657 | 278.8728 | 742.8671 |
| #1     | -.000011 | -.000320 | 78.59458 | .0143570 | -.001507 | -.000845 | -.017674 |
| #2     | .000097  | -.000185 | 77.85614 | .0129390 | -.001750 | -.005652 | .023788  |
| #3     | .000051  | -.000222 | 77.64130 | .0147502 | -.001024 | .002225  | -.015542 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003474 | 25.97716 | .0086147 | .0031661 | 22.65978 | .0085565 | -.000419 |
| Stddev | .0013940 | .08291   | .0002538 | .0001418 | .15241   | .0066172 | .000133  |
| %RSD   | 401.3145 | .3191822 | 2.945530 | 4.478987 | .6725888 | 77.33538 | 31.75925 |
| #1     | .0007016 | 26.06145 | .0083689 | .0030560 | 22.77749 | .0082300 | -.000499 |
| #2     | .0015301 | 25.97435 | .0085995 | .0033261 | 22.71423 | .0021086 | -.000265 |
| #3     | -.001190 | 25.89569 | .0088757 | .0031161 | 22.48763 | .0153309 | -.000492 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1269895 | .0289283 | .0038146 | -.000357 | 7.174395 | 6.748232 | -.012744 |
| Stddev | .0901372 | .0018912 | .0002948 | .000317  | .006405  | .055921  | .001651  |
| %RSD   | 70.98006 | 6.537545 | 7.727834 | 88.80142 | .0892739 | .8286738 | 12.95624 |
| #1     | .2223770 | .0292356 | .0041547 | .000007  | 7.171817 | 6.811480 | -.012411 |
| #2     | .0432314 | .0269023 | .0036324 | -.000569 | 7.169681 | 6.727871 | -.011284 |
| #3     | .1153601 | .0306471 | .0036566 | -.000509 | 7.181687 | 6.705344 | -.014536 |

Sample Name: P4730-05      Acquired: 11/13/2024 1:39:49      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.002548 | -.001777 | .1891020 |
| Stddev | .001175  | .000099  | .0004041 |
| %RSD   | 46.10149 | 5.558420 | .2136920 |
| #1     | -.001204 | -.001815 | .1895675 |
| #2     | -.003381 | -.001850 | .1888415 |
| #3     | -.003058 | -.001665 | .1888971 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 905.7719 | 24466.97 | 2604.277 | 818.8072 | 1751.200 |
| Stddev    | 2.8674   | 29.50    | 10.646   | 2.6048   | 7.721    |
| %RSD      | .3165643 | .1205576 | .4087970 | .3181254 | .4409080 |
| #1        | 907.4047 | 24492.22 | 2592.723 | 815.8026 | 1755.034 |
| #2        | 907.4500 | 24434.55 | 2606.419 | 820.4296 | 1756.253 |
| #3        | 902.4611 | 24474.13 | 2613.690 | 820.1894 | 1742.312 |

Sample Name: P4730-06      Acquired: 11/13/2024 1:44:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0444623 | .0497900 | .0248070 | .0890325 | .0890557 | 1.991660 | 2.193654 |
| Stddev | .0021508 | .0033507 | .0032266 | .0081147 | .0009727 | .040315  | .026979  |
| %RSD   | 4.837339 | 6.729704 | 13.00679 | 9.114272 | 1.092208 | 2.024210 | 1.229846 |
| #1     | .0424199 | .0534982 | .0240612 | .0942681 | .0880305 | 2.031225 | 2.217489 |
| #2     | .0467072 | .0469797 | .0283412 | .0796850 | .0891709 | 1.950634 | 2.164365 |
| #3     | .0442599 | .0488920 | .0220186 | .0931444 | .0899656 | 1.993122 | 2.199108 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0554957 | .0530112 | 76.85065 | .2379023 | .5046262 | .2412664 | 1.145221 |
| Stddev | .0010587 | .0001291 | 1.39564  | .0019360 | .0004657 | .0040005 | .010962  |
| %RSD   | 1.907665 | .2434520 | 1.816041 | .8137664 | .0922884 | 1.658127 | .9571635 |
| #1     | .0565812 | .0531393 | 78.35274 | .2400956 | .5049694 | .2455065 | 1.140216 |
| #2     | .0544661 | .0530129 | 75.59404 | .2364318 | .5040961 | .2375589 | 1.157792 |
| #3     | .0554397 | .0528812 | 76.60518 | .2371794 | .5048131 | .2407337 | 1.137656 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5411447 | 25.48993 | .5251431 | .0537086 | 21.92192 | .5475294 | .4602113 |
| Stddev | .0079740 | .68573   | .0003860 | .0007447 | .32921   | .0084678 | .0057171 |
| %RSD   | 1.473543 | 2.690195 | .0735047 | 1.386516 | 1.501737 | 1.546552 | 1.242280 |
| #1     | .5484011 | 26.18570 | .5255590 | .0545366 | 22.29088 | .5461443 | .4667887 |
| #2     | .5326080 | 24.81470 | .5247963 | .0530937 | 21.65817 | .5398396 | .4564347 |
| #3     | .5424250 | 25.46937 | .5250740 | .0534953 | 21.81672 | .5566045 | .4574104 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1474699 | .0326639 | .0058163 | -.000611 | 7.035896 | 6.653976 | -.012750 |
| Stddev | .0175404 | .0011210 | .0004353 | .000240  | .023210  | .112828  | .000069  |
| %RSD   | 11.89425 | 3.431993 | 7.484506 | 39.34669 | .3298731 | 1.695647 | .5451311 |
| #1     | .1314911 | .0334770 | .0058642 | -.000456 | 7.014099 | 6.770124 | -.012821 |
| #2     | .1662378 | .0331296 | .0062257 | -.000887 | 7.033292 | 6.544790 | -.012746 |
| #3     | .1446807 | .0313851 | .0053590 | -.000488 | 7.060298 | 6.647014 | -.012682 |

Sample Name: P4730-06      Acquired: 11/13/2024 1:44:19      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.001456 | -.001189 | .1870170 |
| Stddev | .001612  | .000470  | .0027635 |
| %RSD   | 110.6766 | 39.51404 | 1.477684 |
| #1     | -.000057 | -.000718 | .1898244 |
| #2     | -.003219 | -.001192 | .1842995 |
| #3     | -.001094 | -.001657 | .1869270 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 903.4981 | 24327.10 | 2583.713 | 814.3594 | 1745.712 |
| Stddev    | 1.7657   | 118.96   | 37.299   | 6.0940   | 2.604    |
| %RSD      | .1954325 | .4890017 | 1.443605 | .7483130 | .1491462 |
| #1        | 905.3003 | 24189.77 | 2544.932 | 807.7423 | 1748.706 |
| #2        | 903.4229 | 24393.08 | 2619.327 | 819.7408 | 1743.978 |
| #3        | 901.7712 | 24398.45 | 2586.882 | 815.5951 | 1744.452 |

Sample Name: P4730-04DLX5      Acquired: 11/13/2024 1:48:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020520 | .0000381 | .0038741 | .0021392 | -.000987 | .0062789 | .0207809 |
| Stddev | .0047559 | .0051769 | .0035757 | .0040943 | .000611  | .0083727 | .0002242 |
| %RSD   | 231.7686 | 13592.05 | 92.29677 | 191.3940 | 61.88440 | 133.3466 | 1.078858 |
| #1     | .0072397 | -.005220 | .0075485 | -.001039 | -.001545 | -.001095 | .0210334 |
| #2     | .0010185 | .005129  | .0036679 | .000697  | -.000334 | .015381  | .0206052 |
| #3     | -.002102 | .000205  | .0004060 | .006759  | -.001083 | .004551  | .0207040 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000824 | -.000306 | 14.87315 | .0022207 | -.000724 | -.000348 | -.005194 |
| Stddev | .0000433 | .000257  | .03831   | .0006674 | .000163  | .000123  | .037015  |
| %RSD   | 52.57068 | 83.97096 | .2575556 | 30.05284 | 22.55894 | 35.39759 | 712.7100 |
| #1     | .0000618 | -.000012 | 14.89193 | .0018560 | -.000791 | -.000408 | -.004018 |
| #2     | .0000532 | -.000423 | 14.82908 | .0029910 | -.000843 | -.000207 | .031220  |
| #3     | .0001321 | -.000485 | 14.89845 | .0018152 | -.000538 | -.000431 | -.042782 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003813 | 4.854442 | .0011999 | .0011620 | 4.503831 | .0028708 | -.000327 |
| Stddev | .0019845 | .056597  | .0004907 | .0001513 | .065153  | .0035048 | .000112  |
| %RSD   | 520.5093 | 1.165878 | 40.89710 | 13.02446 | 1.446607 | 122.0877 | 34.26585 |
| #1     | -.001166 | 4.801737 | .0012352 | .0011021 | 4.578131 | .0050957 | -.000306 |
| #2     | .002619  | 4.847330 | .0006925 | .0013342 | 4.476901 | .0046859 | -.000227 |
| #3     | -.000308 | 4.914259 | .0016721 | .0010498 | 4.456460 | -.001169 | -.000448 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0451047 | .0063246 | -.000394 | .0000180 | 1.321764 | 1.285485 | -.009920 |
| Stddev | .0863621 | .0006676 | .001399  | .0003824 | .013582  | .005418  | .001378  |
| %RSD   | 191.4702 | 10.55530 | 355.3907 | 2123.340 | 1.027584 | .4214751 | 13.88630 |
| #1     | -.006826 | .0059900 | .000930  | -.000041 | 1.307067 | 1.291481 | -.008465 |
| #2     | -.002658 | .0058904 | -.000254 | .000426  | 1.333854 | 1.280941 | -.010092 |
| #3     | .144798  | .0070933 | -.001857 | -.000331 | 1.324370 | 1.284033 | -.011204 |

Sample Name: P4730-04DLX5      Acquired: 11/13/2024 1:48:48      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MC0B86L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0004089 | -.002849 | .0365530 |
| Stddev | .0014377 | .000530  | .0001789 |
| %RSD   | 351.5817 | 18.58866 | .4893088 |
| #1     | .0008068 | -.002239 | .0365852 |
| #2     | .0016058 | -.003190 | .0363603 |
| #3     | -.001186 | -.003118 | .0367136 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 878.5613 | 23789.27 | 2547.070 | 790.2455 | 1747.734 |
| Stddev    | 1.0618   | 29.27    | 5.405    | 4.7060   | 1.351    |
| %RSD      | .1208513 | .1230348 | .2122138 | .5955105 | .0772960 |
| #1        | 878.1810 | 23801.50 | 2541.589 | 793.8023 | 1746.575 |
| #2        | 877.7420 | 23755.87 | 2552.396 | 784.9092 | 1749.218 |
| #3        | 879.7608 | 23810.45 | 2547.225 | 792.0248 | 1747.408 |

Sample Name: P4502-20      Acquired: 11/13/2024 1:53:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0207300 | -.010082 | .1034912 | -.017020 | .0073697 | 162.8775 |
| Stddev | .0098721 | .005017  | .0046770 | .006236  | .0019421 | .4108    |
| %RSD   | 47.62235 | 49.75724 | 4.519247 | 36.64188 | 26.35185 | .2521970 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0101905 | -.005514 | .1016487 | -.011782 | .0063014 | 162.7759 |
| #2 | .0297611 | -.009280 | .1088089 | -.023919 | .0061963 | 162.5271 |
| #3 | .0222384 | -.015451 | .1000160 | -.015360 | .0096113 | 163.3295 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 1.597677 | .0043717 | .0242729 | F 1044.639 | 1.494764 | .3421814 |
| Stddev | .003639  | .0000840 | .0000600 | 1.836      | .003781  | .0015889 |
| %RSD   | .2277923 | 1.921780 | .2473682 | .1757856   | .2529807 | .4643332 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.595117 | .0044247 | .0242112 | 1046.111 | 1.490425 | .3416896 |
| #2 | 1.596070 | .0044156 | .0243311 | 1042.581 | 1.496504 | .3408966 |
| #3 | 1.601843 | .0042749 | .0242764 | 1045.225 | 1.497361 | .3439580 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3386483 | 390.7612 | 6.093525 | 208.7080 | 1.863486 | -.016256 |
| Stddev | .0039668 | .7331    | .007914  | .5549    | .003604  | .000206  |
| %RSD   | 1.171368 | .1876094 | .1298735 | .2658978 | .1933758 | 1.269863 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .3392948 | 390.8763 | 6.097562 | 208.1523 | 1.859407 | -.016494 |
| #2 | .3343980 | 389.9774 | 6.084406 | 208.7094 | 1.864814 | -.016148 |
| #3 | .3422522 | 391.4300 | 6.098606 | 209.2622 | 1.866237 | -.016125 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.289522 | 1.389611 | .4993922 | 11.43076 | 5.399905 | .3064829 |
| Stddev | .547381  | .005300  | .0031295 | .04697   | .029124  | .0009621 |
| %RSD   | 12.76088 | .3813656 | .6266535 | .4109161 | .5393455 | .3139248 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.834999 | 1.383576 | .4970213 | 11.48495 | 5.398084 | .3069627 |
| #2 | 3.740257 | 1.393506 | .5029394 | 11.40555 | 5.371734 | .3071108 |
| #3 | 4.293309 | 1.391752 | .4982159 | 11.40177 | 5.429897 | .3053752 |



Sample Name: P4502-20      Acquired: 11/13/2024 1:53:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0028879 | 26.06502 | 11.93561 | .0022326 | 2.202946 | .1444613 |
| Stddev    | .0004143 | .09684   | .07379   | .0040225 | .003242  | .0011195 |
| %RSD      | 14.34550 | .3715492 | .6182174 | 180.1706 | .1471687 | .7749523 |
| #1        | .0032469 | 26.08453 | 11.93033 | .0066289 | 2.205260 | .1449405 |
| #2        | .0024346 | 25.95990 | 11.86461 | .0013326 | 2.204337 | .1431819 |
| #3        | .0029823 | 26.15062 | 12.01190 | -.001264 | 2.199240 | .1452614 |
| Elem      | Sr4077   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | 1.748816 |          |          |          |          |          |
| Stddev    | .002333  |          |          |          |          |          |
| %RSD      | .1334321 |          |          |          |          |          |
| #1        | 1.746273 |          |          |          |          |          |
| #2        | 1.749317 |          |          |          |          |          |
| #3        | 1.750859 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 848.2677 | 24421.26 | 2765.233 | 760.7468 | 1319.830 |          |
| Stddev    | .9020    | 88.73    | 8.795    | 5.6357   | 1.731    |          |
| %RSD      | .1063355 | .3633461 | .3180608 | .7408092 | .1311321 |          |
| #1        | 849.2149 | 24464.89 | 2766.629 | 765.4158 | 1318.344 |          |
| #2        | 848.1693 | 24319.15 | 2773.247 | 754.4865 | 1321.730 |          |
| #3        | 847.4189 | 24479.72 | 2755.824 | 762.3380 | 1319.414 |          |

Sample Name: P4502-21      Acquired: 11/13/2024 1:57:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0153632 | -.007034 | .0609881 | -.008698 | .0080813 | 138.6101 |
| Stddev | .0021002 | .009637  | .0020863 | .002626  | .0020094 | .2915    |
| %RSD   | 13.67014 | 137.0026 | 3.420758 | 30.19294 | 24.86532 | .2103344 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0145581 | -.006691 | .0589423 | -.008541 | .0082937 | 138.3000 |
| #2 | .0137847 | .002427  | .0631126 | -.011400 | .0099762 | 138.6518 |
| #3 | .0177468 | -.016839 | .0609094 | -.006154 | .0059741 | 138.8786 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | .9489642 | .0029922 | .0140525 | F 1012.542 | 1.201484 | .2174771 |
| Stddev | .0032258 | .0000457 | .0004661 | 1.463      | .005185  | .0006968 |
| %RSD   | .3399282 | 1.527900 | 3.316884 | .1445324   | .4315792 | .3204020 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .9453466 | .0030410 | .0135615 | 1011.219 | 1.198452 | .2167079 |
| #2 | .9515415 | .0029853 | .0141073 | 1012.295 | 1.198529 | .2176570 |
| #3 | .9500044 | .0029503 | .0144888 | 1014.114 | 1.207472 | .2180662 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2311208 | 261.1441 | 4.306893 | 139.2515 | 1.561665 | -.005521 |
| Stddev | .0031962 | .3602    | .005838  | .2119    | .005249  | .000486  |
| %RSD   | 1.382902 | .1379264 | .1355545 | .1521803 | .3361165 | 8.797040 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .2296434 | 260.7328 | 4.300419 | 139.2021 | 1.557553 | -.004961 |
| #2 | .2347885 | 261.2964 | 4.308503 | 139.4838 | 1.559865 | -.005797 |
| #3 | .2289307 | 261.4032 | 4.311758 | 139.0687 | 1.567577 | -.005807 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.585221 | .7489003 | .3861810 | 10.57296 | 3.251205 | .2233051 |
| Stddev | .353434  | .0068997 | .0010845 | .03539   | .025975  | .0017910 |
| %RSD   | 9.858073 | .9213050 | .2808173 | .3347038 | .7989368 | .8020286 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 3.666316 | .7409393 | .3859080 | 10.55577 | 3.281194 | .2212657 |
| #2 | 3.891060 | .7531504 | .3873759 | 10.54945 | 3.236652 | .2240276 |
| #3 | 3.198288 | .7526111 | .3852591 | 10.61366 | 3.235769 | .2246220 |

Sample Name: P4502-21      Acquired: 11/13/2024 1:57:42      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9D      Custom ID2:      Custom ID3:  
Comment:

|        |           |          |          |           |          |          |
|--------|-----------|----------|----------|-----------|----------|----------|
| Elem   | Mo2020    | S_1820   | Si2516   | Sn1899    | Ti3361   | Li6707   |
| Units  | ppm       | ppm      | ppm      | ppm       | ppm      | ppm      |
| Avg    | -0.001092 | 19.74455 | 10.11242 | -0.005941 | 1.662535 | .1220982 |
| Stddev | .000319   | .01246   | .01702   | .005331   | .003112  | .0020537 |
| %RSD   | 29.20237  | .0631001 | .1683123 | 89.73412  | .1871670 | 1.682020 |

|    |           |          |          |          |          |          |
|----|-----------|----------|----------|----------|----------|----------|
| #1 | -0.001148 | 19.73568 | 10.09544 | .000007  | 1.659499 | .1201389 |
| #2 | -0.001379 | 19.75879 | 10.12948 | -.010289 | 1.665718 | .1219210 |
| #3 | -0.000749 | 19.73918 | 10.11235 | -.007541 | 1.662389 | .1242348 |

|        |          |
|--------|----------|
| Elem   | Sr4077   |
| Units  | ppm      |
| Avg    | 1.460761 |
| Stddev | .003067  |
| %RSD   | .2099668 |

|    |          |
|----|----------|
| #1 | 1.457287 |
| #2 | 1.461904 |
| #3 | 1.463094 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 816.3621 | 23268.40 | 2650.251 | 732.5864 | 1336.399 |
| Stddev    | .6089    | 50.40    | 2.739    | 1.6073   | .265     |
| %RSD      | .0745825 | .2165844 | .1033657 | .2193977 | .0198042 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 816.8501 | 23220.30 | 2647.090 | 730.8865 | 1336.134 |
| #2 | 815.6798 | 23320.81 | 2651.739 | 732.7913 | 1336.400 |
| #3 | 816.5564 | 23264.08 | 2651.925 | 734.0814 | 1336.663 |

Sample Name: P4502-22      Acquired: 11/13/2024 2:02:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1850443 | .1575604 | .1715766 | .2983464 | .3231704 | 165.5418 |
| Stddev | .0187047 | .0077351 | .0014474 | .0081929 | .0028375 | 3.3101   |
| %RSD   | 10.10823 | 4.909293 | .8436120 | 2.746121 | .8780098 | 1.999565 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .1700066 | .1563954 | .1718335 | .2911580 | .3259634 | 167.3461 |
| #2 | .2059895 | .1504739 | .1700179 | .2966144 | .3202904 | 161.7216 |
| #3 | .1791368 | .1658120 | .1728783 | .3072669 | .3232574 | 167.5579 |

|        |          |          |          |            |          |          |
|--------|----------|----------|----------|------------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736     | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg    | 8.630651 | .1705582 | .2212083 | F 1015.826 | 2.169785 | 2.310402 |
| Stddev | .159330  | .0018188 | .0009044 | 19.837     | .011179  | .003218  |
| %RSD   | 1.846096 | 1.066368 | .4088393 | 1.952770   | .5152208 | .1392780 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 8.716947 | .1712521 | .2205369 | 1026.858 | 2.158218 | 2.310865 |
| #2 | 8.446788 | .1684946 | .2208513 | 992.926  | 2.180531 | 2.306979 |
| #3 | 8.728219 | .1719279 | .2222367 | 1027.695 | 2.170608 | 2.313364 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.134963 | 383.1941 | 7.600474 | 203.0744 | 3.795099 | .1563343 |
| Stddev | .024482  | 7.4244   | .115150  | 3.5170   | .007938  | .0009508 |
| %RSD   | 2.157067 | 1.937491 | 1.515042 | 1.731898 | .2091539 | .6081985 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 1.149193 | 387.4541 | 7.636033 | 204.8161 | 3.788420 | .1552402 |
| #2 | 1.106694 | 374.6213 | 7.471739 | 199.0264 | 3.793002 | .1569602 |
| #3 | 1.149001 | 387.5070 | 7.693652 | 205.3808 | 3.803874 | .1568025 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.328360 | 3.092509 | 2.178571 | 11.57498 | 5.316996 | .2966650 |
| Stddev | .286889  | .051495  | .005002  | .24161   | .011275  | .0071704 |
| %RSD   | 6.628132 | 1.665149 | .2296041 | 2.087348 | .2120509 | 2.416989 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 4.656394 | 3.121518 | 2.179960 | 11.64030 | 5.328334 | .3044701 |
| #2 | 4.204355 | 3.033053 | 2.182732 | 11.30742 | 5.316868 | .2903698 |
| #3 | 4.124331 | 3.122955 | 2.173021 | 11.77721 | 5.305786 | .2951551 |

Sample Name: P4502-22      Acquired: 11/13/2024 2:02:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9S      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899   | Ti3361   | Li6707   |
| Units     | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg       | .0019748 | 25.71886 | 10.95215 | .0035145 | 2.161985 | .1402802 |
| Stddev    | .0003552 | .08568   | .11423   | .0012867 | .043247  | .0032753 |
| %RSD      | 17.98441 | .3331433 | 1.042989 | 36.61109 | 2.000320 | 2.334795 |
| #1        | .0016326 | 25.66090 | 10.97090 | .0023781 | 2.184639 | .1416304 |
| #2        | .0023416 | 25.67840 | 10.82970 | .0049116 | 2.112118 | .1365457 |
| #3        | .0019502 | 25.81728 | 11.05584 | .0032539 | 2.189199 | .1426645 |
| Elem      | Sr4077   |          |          |          |          |          |
| Units     | ppm      |          |          |          |          |          |
| Avg       | 1.699763 |          |          |          |          |          |
| Stddev    | .034298  |          |          |          |          |          |
| %RSD      | 2.017832 |          |          |          |          |          |
| #1        | 1.720600 |          |          |          |          |          |
| #2        | 1.660177 |          |          |          |          |          |
| #3        | 1.718512 |          |          |          |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |          |
| Avg       | 845.5912 | 24343.30 | 2784.833 | 758.2373 | 1323.144 |          |
| Stddev    | 1.7465   | 20.83    | 28.912   | 3.2233   | 3.581    |          |
| %RSD      | .2065448 | .0855501 | 1.038201 | .4251003 | .2706762 |          |
| #1        | 845.2621 | 24325.64 | 2772.580 | 756.0440 | 1325.076 |          |
| #2        | 847.4789 | 24337.99 | 2817.854 | 756.7298 | 1325.344 |          |
| #3        | 844.0327 | 24366.27 | 2764.064 | 761.9381 | 1319.011 |          |

Sample Name: P4502-20LX5      Acquired: 11/13/2024 2:06:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0202264 | .0013287 | .0193601 | -.001386 | .0008716 | 34.93682 | .3507567 |
| Stddev | .0160213 | .0016763 | .0033513 | .005819  | .0028969 | .13618   | .0017646 |
| %RSD   | 79.20991 | 126.1611 | 17.31046 | 419.8964 | 332.3463 | .3898031 | .5030937 |
| #1     | .0071629 | .0013761 | .0230501 | .003274  | .0021068 | 34.78054 | .3489696 |
| #2     | .0154139 | -.000371 | .0185245 | .000476  | -.002438 | 34.99991 | .3508024 |
| #3     | .0381023 | .002981  | .0165056 | -.007908 | .002946  | 35.03003 | .3524980 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0010456 | .0035730 | 235.1044 | .3431639 | .0661640 | .0736818 | 91.51778 |
| Stddev | .0000768 | .0000599 | .7996    | .0019382 | .0002831 | .0017579 | .33921   |
| %RSD   | 7.349417 | 1.676463 | .3400969 | .5648051 | .4278541 | 2.385725 | .3706438 |
| #1     | .0011328 | .0035569 | 234.2244 | .3428638 | .0658989 | .0717719 | 91.14599 |
| #2     | .0010166 | .0036393 | 235.7864 | .3452347 | .0661309 | .0740418 | 91.81038 |
| #3     | .0009875 | .0035228 | 235.3023 | .3413933 | .0664622 | .0752319 | 91.59698 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.408390 | 45.63636 | .3788389 | -.000728 | 1.131447 | .3154340 | .1132089 |
| Stddev | .006179  | .33152   | .0016509 | .000192  | .241696  | .0071861 | .0005901 |
| %RSD   | .4387066 | .7264316 | .4357705 | 26.32231 | 21.36170 | 2.278163 | .5212805 |
| #1     | 1.404517 | 45.30336 | .3782268 | -.000794 | .930872  | .3087949 | .1131896 |
| #2     | 1.405137 | 45.96637 | .3775815 | -.000512 | 1.063673 | .3144430 | .1138085 |
| #3     | 1.415515 | 45.63935 | .3807084 | -.000877 | 1.399795 | .3230642 | .1126287 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 2.315317 | 1.005956 | .0741343 | .0000766 | 4.862878 | 2.738774 | -.007054 |
| Stddev | .044207  | .001865  | .0002931 | .0003905 | .009273  | .008227  | .001362  |
| %RSD   | 1.909314 | .1854001 | .3954006 | 509.7377 | .1906878 | .3004029 | 19.30988 |
| #1     | 2.297563 | 1.006126 | .0740894 | -.000374 | 4.868927 | 2.729477 | -.006080 |
| #2     | 2.365640 | 1.007730 | .0744473 | .000281  | 4.867504 | 2.745114 | -.008611 |
| #3     | 2.282746 | 1.004011 | .0738662 | .000322  | 4.852202 | 2.741731 | -.006472 |

Sample Name: P4502-20LX5      Acquired: 11/13/2024 2:06:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHZC9L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .4936801 | .0281380 | .3868041 |
| Stddev | .0051757 | .0008018 | .0015839 |
| %RSD   | 1.048387 | 2.849628 | .4094748 |
| #1     | .4884399 | .0276450 | .3855295 |
| #2     | .4987888 | .0290632 | .3863055 |
| #3     | .4938115 | .0277058 | .3885772 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 853.7609 | 23628.52 | 2563.864 | 770.6442 | 1554.696 |
| Stddev    | .4403    | 62.77    | 7.405    | 4.3719   | 1.113    |
| %RSD      | .0515686 | .2656704 | .2888126 | .5673003 | .0716101 |
| #1        | 853.6300 | 23577.77 | 2569.647 | 768.7114 | 1555.903 |
| #2        | 853.4010 | 23609.07 | 2555.518 | 767.5719 | 1554.479 |
| #3        | 854.2518 | 23698.71 | 2566.427 | 775.6494 | 1553.708 |

Sample Name: P4520-08DLX2      Acquired: 11/13/2024 2:10:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0987138 | .0053177 | .3000784 | .0020596 | .0045342 | 58.81985 | .9597561 |
| Stddev | .0045731 | .0017515 | .0010107 | .0093129 | .0009553 | .94038   | .0136226 |
| %RSD   | 4.632635 | 32.93759 | .3368029 | 452.1723 | 21.06806 | 1.598743 | 1.419385 |
| #1     | .1021450 | .0044251 | .3001091 | -.006476 | .0034835 | 58.06295 | .9471985 |
| #2     | .1004742 | .0041923 | .3010733 | .000663  | .0053504 | 59.87257 | .9742390 |
| #3     | .0935221 | .0073357 | .2990527 | .011992  | .0047688 | 58.52402 | .9578309 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0018807 | .0079328 | 54.57283 | .1132715 | .0776837 | .4727598 | 117.0549 |
| Stddev | .0000840 | .0002298 | 1.08401  | .0006582 | .0004496 | .0039064 | 1.9868   |
| %RSD   | 4.468238 | 2.896367 | 1.986353 | .5810639 | .5787223 | .8262985 | 1.697322 |
| #1     | .0019302 | .0081780 | 53.85305 | .1130206 | .0779321 | .4717887 | 115.5158 |
| #2     | .0019283 | .0077224 | 55.81958 | .1127757 | .0771647 | .4770601 | 119.2978 |
| #3     | .0017837 | .0078981 | 54.04587 | .1140183 | .0779543 | .4694305 | 116.3511 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.993624 | 29.76217 | .1390989 | -.007543 | .8559561 | .2165179 | .5999813 |
| Stddev | .052699  | .55839   | .0001944 | .000524  | .4109216 | .0032914 | .0003178 |
| %RSD   | 1.319581 | 1.876161 | .1397332 | 6.950116 | 48.00732 | 1.520155 | .0529730 |
| #1     | 3.941049 | 29.28388 | .1388765 | -.007037 | .9047422 | .2134652 | .6003247 |
| #2     | 4.046446 | 30.37578 | .1391839 | -.008084 | .4228193 | .2200049 | .5996974 |
| #3     | 3.993376 | 29.62686 | .1392362 | -.007508 | 1.240307 | .2160836 | .5999218 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.54988 | 4.370792 | .0992994 | -.001703 | 1.035063 | 8.229493 | -.005857 |
| Stddev | .27180   | .015596  | .0010264 | .000235  | .002755  | .143489  | .001244  |
| %RSD   | 1.868075 | .3568297 | 1.033624 | 13.79259 | .2662133 | 1.743601 | 21.23494 |
| #1     | 14.46188 | 4.381241 | .0981150 | -.001576 | 1.031888 | 8.159388 | -.004682 |
| #2     | 14.85478 | 4.352865 | .0999289 | -.001559 | 1.036827 | 8.394558 | -.007160 |
| #3     | 14.33298 | 4.378270 | .0998542 | -.001974 | 1.036475 | 8.134533 | -.005729 |



Sample Name: P4520-08DLX2      Acquired: 11/13/2024 2:10:54      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.157763 | .0513807 | .1957942 |
| Stddev | .019222  | .0024401 | .0031109 |
| %RSD   | 1.660249 | 4.749098 | 1.588872 |
| #1     | 1.144816 | .0493077 | .1931070 |
| #2     | 1.179849 | .0540698 | .1992023 |
| #3     | 1.148624 | .0507646 | .1950734 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 905.9786 | 24866.80 | 2680.425 | 816.0698 | 1651.888 |
| Stddev    | 1.9334   | 37.83    | 44.025   | 2.2014   | 4.023    |
| %RSD      | .2134043 | .1521248 | 1.642478 | .2697615 | .2435606 |
| #1        | 906.6353 | 24844.60 | 2706.835 | 814.5234 | 1651.270 |
| #2        | 907.4980 | 24910.48 | 2629.602 | 818.5903 | 1656.184 |
| #3        | 903.8023 | 24845.32 | 2704.838 | 815.0958 | 1648.209 |

Sample Name: CCV066      Acquired: 11/13/2024 2:15:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV066      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.072732 | 4.715913 | 24.73350 | 4.657184 | 4.726961 | 405.2516 | 10.13736 |
| Stddev | .006532  | .022538  | .06303   | .007335  | .016592  | .4861    | .00966   |
| %RSD   | .1287644 | .4779177 | .2548365 | .1575000 | .3510145 | .1199591 | .0952580 |
| #1     | 5.070344 | 4.728633 | 24.70543 | 4.659085 | 4.712408 | 404.6918 | 10.12700 |
| #2     | 5.080122 | 4.689890 | 24.68938 | 4.649085 | 4.723444 | 405.4954 | 10.14611 |
| #3     | 5.067730 | 4.729215 | 24.80569 | 4.663380 | 4.745029 | 405.5676 | 10.13896 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4928808 | 2.526292 | 405.5716 | 14.94064 | 2.502835 | 14.78205 | 411.3998 |
| Stddev | .0007486 | .006927  | .3314    | .01787   | .006795  | .02202   | .4715    |
| %RSD   | .1518757 | .2742023 | .0817228 | .1195902 | .2715040 | .1489746 | .1146119 |
| #1     | .4922376 | 2.526642 | 405.2304 | 14.92386 | 2.502494 | 14.75953 | 410.9918 |
| #2     | .4927024 | 2.519196 | 405.5920 | 14.95942 | 2.496216 | 14.80354 | 411.9160 |
| #3     | .4937025 | 2.533037 | 405.8924 | 14.93864 | 2.509794 | 14.78306 | 411.2917 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.74494 | 402.7360 | 2.485299 | 1.217924 | 405.5029 | 2.459138 | 14.35052 |
| Stddev | .01194   | .3230    | .009461  | .001688  | .9679    | .009952  | .04950   |
| %RSD   | .0809645 | .0802043 | .3806692 | .1386153 | .2386865 | .4047120 | .3449363 |
| #1     | 14.75673 | 402.3725 | 2.487575 | 1.216205 | 404.5497 | 2.447681 | 14.29621 |
| #2     | 14.74524 | 402.9900 | 2.474908 | 1.219580 | 405.4740 | 2.464099 | 14.39311 |
| #3     | 14.73286 | 402.8455 | 2.493414 | 1.217986 | 406.4848 | 2.465636 | 14.36223 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.0052 | 4.847314 | 4.875574 | 4.677092 | 4.988986 | 4.933393 | 4.978434 |
| Stddev | .1879    | .029521  | .016418  | .013603  | .006460  | .006529  | .017024  |
| %RSD   | .1228120 | .6090195 | .3367436 | .2908385 | .1294851 | .1323420 | .3419471 |
| #1     | 152.8200 | 4.842215 | 4.874567 | 4.662286 | 4.981564 | 4.934088 | 4.968242 |
| #2     | 153.0000 | 4.820674 | 4.859683 | 4.679955 | 4.992047 | 4.926544 | 4.968973 |
| #3     | 153.1957 | 4.879052 | 4.892473 | 4.689035 | 4.993346 | 4.939546 | 4.998086 |

Sample Name: CCV066      Acquired: 11/13/2024 2:15:20      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: CCV066      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.911306 | 5.027904 | 5.046545 |
| Stddev | .008218  | .006466  | .006157  |
| %RSD   | .1673185 | .1285926 | .1220100 |
| #1     | 4.907092 | 5.020448 | 5.039499 |
| #2     | 4.906050 | 5.031294 | 5.050894 |
| #3     | 4.920776 | 5.031969 | 5.049241 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 701.8272 | 21437.93 | 2395.290 | 593.0475 | 1324.699 |
| Stddev    | 1.1896   | 42.02    | 1.918    | 2.5480   | 2.522    |
| %RSD      | .1695074 | .1959935 | .0800858 | .4296503 | .1903619 |
| #1        | 702.1327 | 21476.73 | 2395.968 | 595.8542 | 1323.605 |
| #2        | 702.8343 | 21393.30 | 2396.777 | 590.8797 | 1327.583 |
| #3        | 700.5146 | 21443.76 | 2393.125 | 592.4087 | 1322.908 |

Sample Name: CCB066      Acquired: 11/13/2024 2:30:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB066      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0028713 | .0005332 | -.000305 | .0025083 | -.000379 | -.004732 |
| Stddev | .0014591 | .0029606 | .002013  | .0038760 | .001152  | .010557  |
| %RSD   | 50.81735 | 555.2246 | 659.4952 | 154.5276 | 304.2776 | 223.1296 |
| #1     | .0039682 | -.000440 | .001916  | -.001643 | -.001676 | -.004185 |
| #2     | .0034304 | .003858  | -.000822 | .006033  | .000523  | .005542  |
| #3     | .0012153 | -.001818 | -.002009 | .003134  | .000017  | -.015552 |
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009003 | -.000079 | -.000176 | -.007138 | -.000191 | .0000808 |
| Stddev | .0012220 | .000029  | .000042  | .010126  | .000424  | .0001722 |
| %RSD   | 135.7386 | 36.94616 | 24.06335 | 141.8678 | 221.7900 | 213.1274 |
| #1     | .0001801 | -.000067 | -.000186 | -.006492 | .000128  | .0002794 |
| #2     | .0023113 | -.000113 | -.000129 | .002650  | -.000673 | -.000012 |
| #3     | .0002095 | -.000058 | -.000211 | -.017571 | -.000029 | -.000025 |
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.004432 | -.001003 | -.001237 | -.028981 | -.001068 | -.001073 |
| Stddev | .003660  | .029377  | .001787  | .130483  | .000380  | .000349  |
| %RSD   | 82.58519 | 2928.897 | 144.4558 | 450.2412 | 35.61020 | 32.49226 |
| #1     | -.008581 | .010518  | -.000068 | -.000400 | -.000716 | -.000693 |
| #2     | -.003060 | .020867  | -.003294 | .084843  | -.001472 | -.001378 |
| #3     | -.001656 | -.034394 | -.000349 | -.171385 | -.001016 | -.001149 |
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3506256 | .0086714 | .0009699 | -1.42498 | -.002358 | -.000453 |
| Stddev | .1725211 | .0060206 | .0005572 | .07218   | .001324  | .000399  |
| %RSD   | 49.20381 | 69.43079 | 57.45489 | 5.065121 | 56.14842 | 88.04467 |
| #1     | .3646811 | .0131158 | .0007414 | -1.45742 | -.000830 | -.000232 |
| #2     | .5156890 | .0110789 | .0005632 | -1.34227 | -.003079 | -.000913 |
| #3     | .1715067 | .0018196 | .0016050 | -1.47524 | -.003165 | -.000213 |

Sample Name: CCB066      Acquired: 11/13/2024 2:30:08      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB066      Custom ID2:      Custom ID3:  
Comment:

|           |          |          |          |            |          |          |
|-----------|----------|----------|----------|------------|----------|----------|
| Elem      | Mo2020   | S_1820   | Si2516   | Sn1899     | Ti3361   | Li6707   |
| Units     | ppm      | ppm      | ppm      | ppm        | ppm      | ppm      |
| Avg       | .0003125 | .0023611 | -.001481 | F -.009367 | -.000062 | -.006928 |
| Stddev    | .0001451 | .0035916 | .000223  | .001388    | .001637  | .001310  |
| %RSD      | 46.43100 | 152.1132 | 15.06651 | 14.81764   | 2628.776 | 18.90341 |
| #1        | .0001468 | .0064911 | -.001607 | -.010645   | -.001923 | -.008425 |
| #2        | .0004170 | -.000032 | -.001613 | -.007890   | .000577  | -.005997 |
| #3        | .0003737 | .000624  | -.001223 | -.009565   | .001158  | -.006360 |
| Elem      | Sr4077   |          |          |            |          |          |
| Units     | ppm      |          |          |            |          |          |
| Avg       | -.000117 |          |          |            |          |          |
| Stddev    | .000076  |          |          |            |          |          |
| %RSD      | 64.71041 |          |          |            |          |          |
| #1        | -.000147 |          |          |            |          |          |
| #2        | -.000174 |          |          |            |          |          |
| #3        | -.000031 |          |          |            |          |          |
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243     | In2306   |          |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S      | Cts/S    |          |
| Avg       | 896.8287 | 24378.16 | 2562.986 | 810.9152   | 1832.955 |          |
| Stddev    | 3.1469   | 11.79    | 6.005    | 3.1933     | 3.997    |          |
| %RSD      | .3508865 | .0483454 | .2343135 | .3937952   | .2180372 |          |
| #1        | 898.4050 | 24366.24 | 2556.996 | 814.3818   | 1832.985 |          |
| #2        | 898.8759 | 24389.80 | 2562.954 | 808.0937   | 1836.936 |          |
| #3        | 893.2052 | 24378.45 | 2569.007 | 810.2701   | 1828.943 |          |

Sample Name: P4520-09DLX2      Acquired: 11/13/2024 2:34:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0988879 | .0012859 | .2910765 | -.009894 | .0029386 | 61.20206 | .8899263 |
| Stddev | .0115019 | .0046255 | .0033850 | .003968  | .0014583 | .14370   | .0022869 |
| %RSD   | 11.63128 | 359.7129 | 1.162910 | 40.10398 | 49.62496 | .2347892 | .2569749 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0922891 | -.003703 | .2872626 | -.008230 | .0012764 | 61.36633 | .8925231 |
| #2 | .0922055 | .002128  | .2922430 | -.014423 | .0040031 | 61.09967 | .8882128 |
| #3 | .1121691 | .005432  | .2937239 | -.007029 | .0035362 | 61.14019 | .8890431 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0020235 | .0072731 | 52.66271 | .1187104 | .0714798 | .4781249 | 113.1864 |
| Stddev | .0001802 | .0002127 | .21164   | .0009826 | .0005513 | .0035104 | .6868    |
| %RSD   | 8.903210 | 2.924986 | .4018707 | .8277637 | .7712990 | .7342055 | .6068019 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0022218 | .0070909 | 52.90607 | .1193704 | .0708578 | .4781672 | 113.9741 |
| #2 | .0019788 | .0072217 | 52.52176 | .1191797 | .0716734 | .4816140 | 112.8724 |
| #3 | .0018699 | .0075069 | 52.56031 | .1175811 | .0719083 | .4745936 | 112.7127 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 3.589878 | 31.39224 | .1379895 | -.005796 | 1.039347 | .2142695 | .6135034 |
| Stddev | .014663  | .08708   | .0008244 | .000308  | .139554  | .0126071 | .0014676 |
| %RSD   | .4084463 | .2773945 | .5974520 | 5.316936 | 13.42709 | 5.883747 | .2392232 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 3.606797 | 31.30913 | .1370379 | -.005704 | .923671  | .2245137 | .6138643 |
| #2 | 3.581984 | 31.38477 | .1384434 | -.006140 | 1.000027 | .2001902 | .6118890 |
| #3 | 3.580855 | 31.48281 | .1384872 | -.005544 | 1.194342 | .2181045 | .6147570 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 15.74457 | 4.441180 | .1002964 | -.000768 | 1.079626 | 7.252365 | -.005347 |
| Stddev | .02340   | .009768  | .0016000 | .000428  | .005889  | .021975  | .000677  |
| %RSD   | .1485923 | .2199485 | 1.595261 | 55.81299 | .5454813 | .3030089 | 12.65708 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 15.76538 | 4.429901 | .0988547 | -.001261 | 1.075048 | 7.276798 | -.004587 |
| #2 | 15.71925 | 4.446790 | .1020178 | -.000557 | 1.077561 | 7.246080 | -.005571 |
| #3 | 15.74907 | 4.446851 | .1000168 | -.000485 | 1.086270 | 7.234217 | -.005884 |

Sample Name: P4520-09DLX2      Acquired: 11/13/2024 2:34:55      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.263309 | .0520720 | .1964648 |
| Stddev | .006106  | .0008108 | .0000672 |
| %RSD   | .4833680 | 1.557101 | .0342221 |
| #1     | 1.270296 | .0514945 | .1963873 |
| #2     | 1.258997 | .0517225 | .1965077 |
| #3     | 1.260633 | .0529989 | .1964993 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 901.5138 | 24736.82 | 2650.073 | 815.2997 | 1653.784 |
| Stddev    | 2.3430   | 32.63    | 11.538   | 1.8866   | 6.765    |
| %RSD      | .2599012 | .1319070 | .4354001 | .2314056 | .4090665 |
| #1        | 903.9938 | 24700.85 | 2636.773 | 814.6191 | 1661.590 |
| #2        | 901.2103 | 24764.52 | 2656.046 | 817.4322 | 1649.618 |
| #3        | 899.3372 | 24745.09 | 2657.401 | 813.8478 | 1650.145 |

Sample Name: P4520-08LDLX10      Acquired: 11/13/2024 2:39:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0204325 | -.001277 | .0322242 | -.000582 | .0006122 | 6.427548 | .1044617 |
| Stddev | .0043167 | .001990  | .0009448 | .000570  | .0020315 | .014105  | .0004179 |
| %RSD   | 21.12649 | 155.8396 | 2.932098 | 98.00302 | 331.8118 | .2194425 | .4000350 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0162528 | -.003351 | .0331086 | -.000001 | .0004973 | 6.425999 | .1044681 |
| #2 | .0201706 | .000617  | .0312287 | -.001141 | .0026988 | 6.442363 | .1040406 |
| #3 | .0248742 | -.001097 | .0323353 | -.000604 | -.001359 | 6.414281 | .1048763 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0002391 | .0005711 | 6.064869 | .0124064 | .0080964 | .0486114 | 13.16087 |
| Stddev | .0000810 | .0000498 | .037510  | .0006041 | .0001973 | .0036899 | .04025   |
| %RSD   | 33.86369 | 8.717265 | .6184870 | 4.869377 | 2.437253 | 7.590642 | .3058047 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .0003216 | .0005379 | 6.033104 | .0120348 | .0078973 | .0444237 | 13.14635 |
| #2 | .0002359 | .0006284 | 6.106252 | .0131034 | .0082919 | .0513856 | 13.20636 |
| #3 | .0001598 | .0005471 | 6.055250 | .0120809 | .0080999 | .0500251 | 13.12990 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4400109 | 3.281499 | .0139567 | .0007096 | .2941330 | .0281208 | .0653615 |
| Stddev | .0032838 | .123432  | .0003305 | .0003997 | .2075838 | .0074144 | .0008263 |
| %RSD   | .7463085 | 3.761443 | 2.368243 | 56.32115 | 70.57482 | 26.36610 | 1.264249 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | .4362289 | 3.156571 | .0143381 | .0011582 | .5322933 | .0360884 | .0647554 |
| #2 | .4416650 | 3.403378 | .0137525 | .0005793 | .1985219 | .0268499 | .0650264 |
| #3 | .4421388 | 3.284548 | .0137796 | .0003914 | .1515838 | .0214240 | .0663027 |

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.408119 | .4558662 | .0108126 | -.000430 | .1082312 | .9420646 | -.001721 |
| Stddev | .048660  | .0061659 | .0012152 | .000156  | .0017923 | .0044965 | .000927  |
| %RSD   | 3.455647 | 1.352561 | 11.23884 | 36.36811 | 1.655997 | .4773045 | 53.87137 |

|    |          |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|----------|
| #1 | 1.457822 | .4490591 | .0111249 | -.000389 | .1088088 | .9420191 | -.002777 |
| #2 | 1.360575 | .4610768 | .0118412 | -.000602 | .1062213 | .9465837 | -.001349 |
| #3 | 1.405960 | .4574627 | .0094717 | -.000298 | .1096635 | .9375910 | -.001038 |



Sample Name: P4520-08LDLX10      Acquired: 11/13/2024 2:39:20      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .1259292 | .0033668 | .0213246 |
| Stddev | .0023546 | .0003903 | .0000760 |
| %RSD   | 1.869818 | 11.59316 | .3565465 |
| #1     | .1286465 | .0029629 | .0212430 |
| #2     | .1244878 | .0037420 | .0213934 |
| #3     | .1246534 | .0033956 | .0213374 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 883.8301 | 23850.76 | 2515.052 | 797.3035 | 1753.304 |
| Stddev    | 2.3067   | 74.25    | 9.452    | 1.5628   | 3.852    |
| %RSD      | .2609845 | .3112912 | .3758259 | .1960074 | .2197184 |
| #1        | 883.2641 | 23767.32 | 2515.489 | 798.9326 | 1756.082 |
| #2        | 881.8591 | 23909.51 | 2505.389 | 795.8167 | 1748.906 |
| #3        | 886.3671 | 23875.46 | 2524.279 | 797.1613 | 1754.922 |

Sample Name: P4520-10DLX2      Acquired: 11/13/2024 2:43:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1743139 | .0984581 | .3241697 | .1728423 | .1701460 | 60.48484 | 4.919260 |
| Stddev | .0034905 | .0006377 | .0023211 | .0061959 | .0040695 | .27053   | .012212  |
| %RSD   | 2.002439 | .6476771 | .7160226 | 3.584689 | 2.391761 | .4472610 | .2482524 |
| #1     | .1745953 | .0978194 | .3263189 | .1751679 | .1655872 | 60.74436 | 4.927831 |
| #2     | .1706912 | .0990947 | .3217082 | .1658202 | .1734122 | 60.50564 | 4.924672 |
| #3     | .1776552 | .0984602 | .3244820 | .1775389 | .1714386 | 60.20451 | 4.905277 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1006984 | .1095305 | 52.83576 | .5333525 | 1.085515 | .9130466 | 115.9863 |
| Stddev | .0007331 | .0007664 | .26664   | .0011316 | .003941  | .0021336 | .8668    |
| %RSD   | .7280536 | .6997336 | .5046576 | .2121579 | .3630822 | .2336774 | .7472952 |
| #1     | .1012517 | .1099613 | 53.01972 | .5340100 | 1.088929 | .9138303 | 116.7672 |
| #2     | .1009766 | .1099847 | 52.95759 | .5340016 | 1.086414 | .9146775 | 116.1381 |
| #3     | .0998668 | .1086457 | 52.52997 | .5320459 | 1.081202 | .9106320 | 115.0537 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 4.789720 | 28.89030 | 1.150315 | .0873250 | .8662006 | 1.242439 | 1.400434 |
| Stddev | .028753  | .24886   | .003343  | .0003545 | .2546422 | .010085  | .004953  |
| %RSD   | .6003109 | .8613905 | .2906002 | .4059598 | 29.39760 | .8117220 | .3536513 |
| #1     | 4.811719 | 29.02304 | 1.153073 | .0876849 | .5724820 | 1.247502 | 1.406146 |
| #2     | 4.800256 | 29.04465 | 1.151274 | .0873141 | 1.001243 | 1.248990 | 1.397828 |
| #3     | 4.757185 | 28.60322 | 1.146597 | .0869761 | 1.024877 | 1.230825 | 1.397329 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 13.86521 | 4.193038 | .1026022 | -.001992 | .9721446 | 8.059714 | -.004407 |
| Stddev | .12447   | .010715  | .0030232 | .000460  | .0104975 | .074114  | .002551  |
| %RSD   | .8977274 | .2555402 | 2.946543 | 23.09837 | 1.079829 | .9195662 | 57.88323 |
| #1     | 13.99819 | 4.194339 | .1025332 | -.002519 | .9810637 | 8.109738 | -.004912 |
| #2     | 13.84596 | 4.203043 | .1056593 | -.001786 | .9747940 | 8.094836 | -.001641 |
| #3     | 13.75148 | 4.181732 | .0996140 | -.001671 | .9605763 | 7.974567 | -.006668 |

Sample Name: P4520-10DLX2      Acquired: 11/13/2024 2:43:50      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4M1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 1.112392 | .0481864 | .1869652 |
| Stddev | .004817  | .0008655 | .0008281 |
| %RSD   | .4330642 | 1.796045 | .4429319 |
| #1     | 1.112885 | .0486368 | .1878066 |
| #2     | 1.116945 | .0487337 | .1869380 |
| #3     | 1.107348 | .0471886 | .1861510 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 903.6744 | 24769.22 | 2636.331 | 810.7510 | 1666.170 |
| Stddev    | 3.8951   | 70.90    | 20.856   | 3.0429   | 7.069    |
| %RSD      | .4310333 | .2862434 | .7911152 | .3753165 | .4242464 |
| #1        | 900.0495 | 24695.05 | 2620.467 | 807.2407 | 1661.697 |
| #2        | 903.1810 | 24776.27 | 2628.571 | 812.6370 | 1662.494 |
| #3        | 907.7928 | 24836.33 | 2659.955 | 812.3755 | 1674.319 |

Sample Name: P4522-01DLX2      Acquired: 11/13/2024 2:48:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2671221 | .0087250 | .2512864 | -.002215 | .0114162 | 91.51487 | 1.312657 |
| Stddev | .0062533 | .0010726 | .0039384 | .007350  | .0033815 | .39779   | .005104  |
| %RSD   | 2.340990 | 12.29300 | 1.567297 | 331.7750 | 29.62043 | .4346704 | .3888083 |
| #1     | .2742783 | .0076723 | .2473519 | -.003135 | .0095925 | 91.08707 | 1.306786 |
| #2     | .2627104 | .0086862 | .2552287 | .005551  | .0093380 | 91.87360 | 1.316039 |
| #3     | .2643776 | .0098164 | .2512788 | -.009061 | .0153181 | 91.58394 | 1.315146 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0029770 | .0143711 | 19.82491 | .2302165 | .1464122 | .6261096 | 263.8787 |
| Stddev | .0001303 | .0001675 | .15437   | .0014049 | .0004997 | .0025626 | 1.4551   |
| %RSD   | 4.376140 | 1.165263 | .7786736 | .6102436 | .3412817 | .4092950 | .5514102 |
| #1     | .0028539 | .0143416 | 19.64719 | .2292868 | .1469891 | .6264328 | 262.2035 |
| #2     | .0031134 | .0145513 | 19.92574 | .2318326 | .1461168 | .6234007 | 264.8274 |
| #3     | .0029637 | .0142203 | 19.90178 | .2295301 | .1461307 | .6284953 | 264.6053 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.808565 | 45.08414 | .2716793 | -.018921 | 1.364278 | .5390328 | .6325481 |
| Stddev | .035517  | .14663   | .0011803 | .000558  | .148630  | .0201548 | .0034225 |
| %RSD   | .5216483 | .3252389 | .4344299 | 2.947129 | 10.89439 | 3.739076 | .5410725 |
| #1     | 6.796208 | 44.98063 | .2728314 | -.018328 | 1.356880 | .5205241 | .6288975 |
| #2     | 6.848610 | 45.25193 | .2704728 | -.019434 | 1.219486 | .5360688 | .6330624 |
| #3     | 6.780878 | 45.01985 | .2717338 | -.019002 | 1.516469 | .5605055 | .6356844 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.70792 | 4.761257 | .1881898 | -.000988 | .7512351 | 8.150069 | .0028854 |
| Stddev | .17239   | .009974  | .0032852 | .000050  | .0066051 | .077556  | .0019915 |
| %RSD   | .9735169 | .2094817 | 1.745705 | 5.097738 | .8792329 | .9515960 | 69.02034 |
| #1     | 17.51041 | 4.766587 | .1884314 | -.000932 | .7507167 | 8.082083 | .0012500 |
| #2     | 17.78525 | 4.749750 | .1847905 | -.001001 | .7449044 | 8.234543 | .0023031 |
| #3     | 17.82812 | 4.767433 | .1913477 | -.001031 | .7580841 | 8.133582 | .0051032 |

Sample Name: P4522-01DLX2      Acquired: 11/13/2024 2:48:11      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.779629 | .0769349 | .2180137 |
| Stddev | .006906  | .0007643 | .0006500 |
| %RSD   | .2484327 | .9934352 | .2981508 |
| #1     | 2.771682 | .0761737 | .2172731 |
| #2     | 2.784167 | .0777023 | .2184895 |
| #3     | 2.783039 | .0769287 | .2182786 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 920.8959 | 25235.70 | 2727.907 | 832.8066 | 1641.709 |
| Stddev    | .6481    | 72.70    | 11.507   | 4.6469   | 1.972    |
| %RSD      | .0703794 | .2880819 | .4218151 | .5579788 | .1201180 |
| #1        | 920.3673 | 25201.68 | 2734.953 | 833.2584 | 1641.197 |
| #2        | 920.7015 | 25319.17 | 2714.628 | 837.2110 | 1643.886 |
| #3        | 921.6190 | 25186.24 | 2734.138 | 827.9503 | 1640.043 |

Sample Name: P4522-02DLX2      Acquired: 11/13/2024 2:52:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3182882 | .0106131 | .2620647 | -.001942 | .0139617 | 96.03105 | 1.319252 |
| Stddev | .0119528 | .0038652 | .0024280 | .007501  | .0045773 | .35825   | .005853  |
| %RSD   | 3.755327 | 36.41884 | .9264972 | 386.2726 | 32.78461 | .3730611 | .4436734 |
| #1     | .3222590 | .0118567 | .2593820 | -.003099 | .0135255 | 96.30690 | 1.325454 |
| #2     | .3048554 | .0062793 | .2641114 | .006070  | .0096180 | 95.62615 | 1.313824 |
| #3     | .3277503 | .0137035 | .2627007 | -.008797 | .0187414 | 96.16010 | 1.318478 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032560 | .0153474 | 20.65997 | .2279099 | .1529977 | .6602761 | 282.2550 |
| Stddev | .0001433 | .0004517 | .05997   | .0008119 | .0008122 | .0060880 | 1.1307   |
| %RSD   | 4.401875 | 2.943084 | .2902680 | .3562483 | .5308434 | .9220308 | .4005969 |
| #1     | .0031447 | .0148387 | 20.72272 | .2270376 | .1530771 | .6659901 | 283.1883 |
| #2     | .0032055 | .0157015 | 20.60323 | .2280485 | .1521487 | .6609654 | 280.9976 |
| #3     | .0034177 | .0155021 | 20.65397 | .2286437 | .1537672 | .6538728 | 282.5789 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 6.219801 | 46.46127 | .2814751 | -.020277 | 1.372904 | .5383531 | .6769504 |
| Stddev | .032888  | .18122   | .0002647 | .000399  | .298922  | .0035552 | .0039094 |
| %RSD   | .5287696 | .3900347 | .0940465 | 1.965387 | 21.77294 | .6603862 | .5774999 |
| #1     | 6.250753 | 46.67030 | .2812704 | -.020718 | 1.718018 | .5377658 | .6725617 |
| #2     | 6.185269 | 46.36510 | .2813808 | -.019942 | 1.195193 | .5421654 | .6782296 |
| #3     | 6.223381 | 46.34841 | .2817740 | -.020170 | 1.205502 | .5351281 | .6800600 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 18.39339 | 5.094082 | .2023905 | -.000740 | .8016203 | 6.977435 | .0041640 |
| Stddev | .08524   | .030558  | .0017075 | .000110  | .0057380 | .040906  | .0023310 |
| %RSD   | .4634315 | .5998822 | .8436608 | 14.86376 | .7158033 | .5862662 | 55.97900 |
| #1     | 18.40743 | 5.072844 | .2043262 | -.000635 | .7991838 | 6.976071 | .0057658 |
| #2     | 18.30199 | 5.080298 | .2017472 | -.000854 | .8081746 | 6.937228 | .0052365 |
| #3     | 18.47073 | 5.129105 | .2010981 | -.000732 | .7975026 | 7.019006 | .0014899 |

Sample Name: P4522-02DLX2      Acquired: 11/13/2024 2:52:37      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.854698 | .0789104 | .2330944 |
| Stddev | .014734  | .0010078 | .0005005 |
| %RSD   | .5161436 | 1.277125 | .2147040 |
| #1     | 2.870172 | .0787297 | .2336105 |
| #2     | 2.840836 | .0780052 | .2326112 |
| #3     | 2.853084 | .0799963 | .2330615 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 925.8964 | 25295.93 | 2722.804 | 830.4620 | 1640.714 |
| Stddev    | 4.1153   | 50.05    | 14.960   | 4.4610   | 3.235    |
| %RSD      | .4444694 | .1978474 | .5494293 | .5371682 | .1971675 |
| #1        | 929.4008 | 25330.67 | 2726.164 | 835.5604 | 1642.432 |
| #2        | 926.9236 | 25238.57 | 2735.798 | 828.5493 | 1642.727 |
| #3        | 921.3648 | 25318.55 | 2706.450 | 827.2764 | 1636.982 |

Sample Name: P4522-01LDLX10      Acquired: 11/13/2024 3:01:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0357241 | .0005642 | .0262139 | .0018402 | .0024531 | 9.681977 | .1402009 |
| Stddev | .0018595 | .0012130 | .0030545 | .0024951 | .0011947 | .143666  | .0020473 |
| %RSD   | 5.205204 | 214.9710 | 11.65214 | 135.5878 | 48.70206 | 1.483846 | 1.460291 |
| #1     | .0341024 | .0009580 | .0227416 | .0045486 | .0034518 | 9.762975 | .1418229 |
| #2     | .0377537 | .0015314 | .0284859 | .0013371 | .0027779 | 9.766854 | .1408792 |
| #3     | .0353163 | -.000797 | .0274143 | -.000365 | .0011296 | 9.516101 | .1379004 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0003903 | .0013063 | 2.191550 | .0254706 | .0147967 | .0689371 | 28.84478 |
| Stddev | .0000501 | .0000306 | .055664  | .0007165 | .0004448 | .0022253 | .43508   |
| %RSD   | 12.84788 | 2.342821 | 2.539955 | 2.813001 | 3.005923 | 3.228024 | 1.508358 |
| #1     | .0003479 | .0013411 | 2.241100 | .0247734 | .0152091 | .0711366 | 29.03576 |
| #2     | .0003773 | .0012839 | 2.202231 | .0262049 | .0143254 | .0666868 | 29.15172 |
| #3     | .0004457 | .0012938 | 2.131319 | .0254334 | .0148555 | .0689879 | 28.34688 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .7380096 | 4.698396 | .0271814 | -.001427 | .3295943 | .0584646 | .0735769 |
| Stddev | .0117988 | .053924  | .0007735 | .000113  | .0892368 | .0056597 | .0009463 |
| %RSD   | 1.598734 | 1.147701 | 2.845659 | 7.930687 | 27.07473 | 9.680594 | 1.286136 |
| #1     | .7408972 | 4.689788 | .0266570 | -.001549 | .2269318 | .0640124 | .0744163 |
| #2     | .7480966 | 4.649293 | .0280698 | -.001326 | .3885745 | .0586822 | .0725514 |
| #3     | .7250351 | 4.756105 | .0268175 | -.001404 | .3732767 | .0526992 | .0737630 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.868665 | .4712962 | .0258315 | .0000474 | .0733154 | .8859390 | .0002774 |
| Stddev | .098614  | .0065351 | .0017878 | .0001009 | .0021647 | .0120063 | .0009659 |
| %RSD   | 5.277261 | 1.386627 | 6.921190 | 213.0307 | 2.952603 | 1.355201 | 348.2335 |
| #1     | 1.925434 | .4675105 | .0261910 | .0001310 | .0749923 | .8942991 | .0009305 |
| #2     | 1.925766 | .4675358 | .0274123 | -.000065 | .0740823 | .8913366 | .0007337 |
| #3     | 1.754795 | .4788423 | .0238912 | .000076  | .0708716 | .8721813 | -.000832 |



Sample Name: P4522-01LDLX10      Acquired: 11/13/2024 3:01:13      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .2966940 | .0078587 | .0233046 |
| Stddev | .0024501 | .0006512 | .0004392 |
| %RSD   | .8257990 | 8.285892 | 1.884539 |
| #1     | .2971901 | .0074328 | .0235813 |
| #2     | .2988581 | .0075351 | .0235343 |
| #3     | .2940339 | .0086083 | .0227982 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 887.1925 | 23899.53 | 2551.834 | 796.5799 | 1747.837 |
| Stddev    | 1.3924   | 14.80    | 34.733   | 2.7149   | 1.774    |
| %RSD      | .1569480 | .0619306 | 1.361102 | .3408202 | .1014771 |
| #1        | 886.0523 | 23915.47 | 2530.618 | 793.4794 | 1745.900 |
| #2        | 886.7808 | 23896.89 | 2532.968 | 798.5309 | 1749.381 |
| #3        | 888.7444 | 23886.22 | 2591.918 | 797.7295 | 1748.231 |

Sample Name: P4522-03DLX2      Acquired: 11/13/2024 3:05:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3310500 | .1034133 | .2884763 | .1546435 | .1726817 | 93.58978 | 5.142532 |
| Stddev | .0093808 | .0019080 | .0023000 | .0082918 | .0037825 | .77767   | .039226  |
| %RSD   | 2.833643 | 1.844972 | .7972996 | 5.361898 | 2.190445 | .8309336 | .7627694 |
| #1     | .3324196 | .1012827 | .2907740 | .1453575 | .1762457 | 94.07515 | 5.165897 |
| #2     | .3210597 | .1039932 | .2884810 | .1572664 | .1687133 | 94.00137 | 5.164452 |
| #3     | .3396706 | .1049641 | .2861740 | .1613068 | .1730861 | 92.69281 | 5.097246 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0968269 | .1163461 | 19.36677 | .6375392 | 1.153143 | 1.056342 | 261.6870 |
| Stddev | .0009508 | .0004520 | .10999   | .0020432 | .002807  | .010919  | 2.2548   |
| %RSD   | .9819607 | .3885122 | .5679504 | .3204893 | .2434091 | 1.033638 | .8616584 |
| #1     | .0967955 | .1158981 | 19.41446 | .6391022 | 1.150104 | 1.063268 | 262.8475 |
| #2     | .0977930 | .1163382 | 19.44488 | .6352271 | 1.153690 | 1.062004 | 263.1252 |
| #3     | .0958921 | .1168021 | 19.24098 | .6382882 | 1.155637 | 1.043756 | 259.0883 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.671470 | 44.20632 | 1.282790 | .0717075 | 1.115345 | 1.519797 | 1.449144 |
| Stddev | .068281  | .37858   | .001502  | .0004195 | .136985  | .007004  | .013949  |
| %RSD   | .8900612 | .8564003 | .1170728 | .5850089 | 12.28189 | .4608287 | .9625673 |
| #1     | 7.694671 | 44.60848 | 1.283957 | .0720209 | 1.005576 | 1.525453 | 1.461944 |
| #2     | 7.725128 | 44.15365 | 1.281096 | .0712309 | 1.071599 | 1.521976 | 1.451211 |
| #3     | 7.594612 | 43.85683 | 1.283318 | .0718706 | 1.268861 | 1.511963 | 1.434277 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 17.41397 | 4.762009 | .1892053 | -.000623 | .7463933 | 8.077164 | .0035229 |
| Stddev | .26027   | .003020  | .0018536 | .000647  | .0051017 | .069893  | .0026204 |
| %RSD   | 1.494629 | .0634190 | .9796516 | 103.9611 | .6835136 | .8653189 | 74.38158 |
| #1     | 17.61266 | 4.764035 | .1900916 | -.000560 | .7518271 | 8.085411 | .0025245 |
| #2     | 17.50990 | 4.763453 | .1904494 | -.000009 | .7456471 | 8.142568 | .0015485 |
| #3     | 17.11934 | 4.758538 | .1870750 | -.001299 | .7417059 | 8.003513 | .0064957 |

Sample Name: P4522-03DLX2      Acquired: 11/13/2024 3:05:44      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4R1S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.729973 | .0772949 | .2147323 |
| Stddev | .021366  | .0010922 | .0023617 |
| %RSD   | .7826350 | 1.413066 | 1.099814 |
| #1     | 2.743552 | .0773653 | .2164157 |
| #2     | 2.741021 | .0783502 | .2157486 |
| #3     | 2.705345 | .0761692 | .2120327 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 920.7215 | 25178.84 | 2736.327 | 822.7553 | 1641.209 |
| Stddev    | .7456    | 131.10   | 24.860   | 6.4724   | 1.437    |
| %RSD      | .0809791 | .5206729 | .9085079 | .7866706 | .0875330 |
| #1        | 920.1530 | 25027.46 | 2733.678 | 817.4975 | 1642.867 |
| #2        | 920.4459 | 25254.46 | 2712.898 | 820.7843 | 1640.444 |
| #3        | 921.5657 | 25254.60 | 2762.405 | 829.9840 | 1640.318 |

Sample Name: P4521-09DLX2      Acquired: 11/13/2024 3:10:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2203481 | .0115493 | .1734652 | -.001386 | .0078051 | 101.9778 | 1.293694 |
| Stddev | .0080944 | .0054209 | .0014057 | .006131  | .0016056 | .2202    | .005234  |
| %RSD   | 3.673453 | 46.93744 | .8103820 | 442.2133 | 20.57150 | .2159641 | .4045881 |
| #1     | .2130122 | .0055088 | .1743586 | -.008449 | .0094297 | 102.0746 | 1.289870 |
| #2     | .2190004 | .0159912 | .1718449 | .001732  | .0062191 | 102.1331 | 1.299660 |
| #3     | .2290318 | .0131477 | .1741922 | .002558  | .0077664 | 101.7258 | 1.291553 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0032363 | .0110942 | 30.55286 | .2105368 | .1260598 | .4378855 | 233.9599 |
| Stddev | .0000647 | .0000975 | .11927   | .0023283 | .0012176 | .0022450 | .2426    |
| %RSD   | 2.000280 | .8792808 | .3903817 | 1.105869 | .9658532 | .5126822 | .1037130 |
| #1     | .0031722 | .0111637 | 30.63629 | .2078858 | .1265640 | .4381835 | 233.9524 |
| #2     | .0033017 | .0109827 | 30.60605 | .2114748 | .1246711 | .4399666 | 234.2062 |
| #3     | .0032349 | .0111362 | 30.41625 | .2122497 | .1269442 | .4355064 | 233.7210 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.878060 | 45.02861 | .2474583 | -.017386 | 1.539683 | .4307426 | .5461689 |
| Stddev | .024651  | .06442   | .0009700 | .000121  | .110682  | .0012425 | .0006722 |
| %RSD   | .4193663 | .1430594 | .3919942 | .6938215 | 7.188619 | .2884472 | .1230823 |
| #1     | 5.855609 | 45.06368 | .2476642 | -.017390 | 1.477451 | .4293695 | .5463316 |
| #2     | 5.904439 | 44.95427 | .2464019 | -.017264 | 1.667473 | .4310690 | .5454303 |
| #3     | 5.874134 | 45.06788 | .2483089 | -.017505 | 1.474125 | .4317892 | .5467449 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 23.03146 | 5.358751 | .1809640 | -.001341 | 1.247481 | 7.376702 | .0005933 |
| Stddev | .02919   | .016952  | .0004327 | .000820  | .004010  | .013217  | .0023109 |
| %RSD   | .1267194 | .3163361 | .2390927 | 61.15257 | .3214606 | .1791680 | 389.4656 |
| #1     | 23.02984 | 5.357631 | .1810960 | -.000516 | 1.250862 | 7.361560 | -.001669 |
| #2     | 23.06142 | 5.342387 | .1813153 | -.002156 | 1.248531 | 7.385917 | .002950  |
| #3     | 23.00312 | 5.376235 | .1804807 | -.001350 | 1.243050 | 7.382631 | .000499  |

Sample Name: P4521-09DLX2      Acquired: 11/13/2024 3:10:03      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2D      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.348693 | .0833379 | .2412106 |
| Stddev | .004253  | .0014468 | .0006636 |
| %RSD   | .1810932 | 1.736037 | .2751021 |
| #1     | 2.353524 | .0818100 | .2412533 |
| #2     | 2.347047 | .0846869 | .2418518 |
| #3     | 2.345509 | .0835167 | .2405267 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 926.9028 | 25289.22 | 2724.223 | 831.9434 | 1632.755 |
| Stddev    | 1.0947   | 64.69    | 6.993    | 2.9670   | 3.157    |
| %RSD      | .1181018 | .2558018 | .2566829 | .3566396 | .1933717 |
| #1        | 927.0154 | 25362.63 | 2730.789 | 834.6131 | 1635.685 |
| #2        | 927.9367 | 25264.51 | 2716.870 | 832.4681 | 1633.170 |
| #3        | 925.7561 | 25240.53 | 2725.009 | 828.7490 | 1629.412 |

Sample Name: P4496-01      Acquired: 11/13/2024 3:14:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0103045 | -.004450 | -.001932 | .0009391 | .0014819 | .0026754 | .0004269 |
| Stddev | .0094597 | .002862  | .002417  | .0002557 | .0032566 | .0005650 | .0008614 |
| %RSD   | 91.80209 | 64.31850 | 125.0944 | 27.22700 | 219.7617 | 21.11978 | 201.7805 |
| #1     | .0211245 | -.001285 | -.002165 | .0010983 | .0041681 | .0023697 | .0012757 |
| #2     | .0035975 | -.006857 | .000593  | .0006441 | -.002140 | .0033274 | -.000446 |
| #3     | .0061915 | -.005208 | -.004224 | .0010748 | .002418  | .0023291 | .000451  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000015 | -.000113 | .0116880 | -.000971 | .0002521 | -.000442 | -.005343 |
| Stddev | .0000006 | .000109  | .0041036 | .001179  | .0005872 | .002912  | .012276  |
| %RSD   | 40.64970 | 96.09220 | 35.10971 | 121.4608 | 232.9684 | 659.2186 | 229.7456 |
| #1     | -.000018 | -.000044 | .0152243 | -.002192 | .0009253 | -.000785 | -.004258 |
| #2     | -.000019 | -.000057 | .0126512 | .000160  | -.000015 | -.003167 | .006354  |
| #3     | -.000008 | -.000238 | .0071884 | -.000879 | -.000154 | .002627  | -.018127 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001310 | -.029948 | -.000105 | .0010760 | .0581596 | .0071170 | -.000274 |
| Stddev | .0008314 | .078739  | .000276  | .0006880 | .1306253 | .0092693 | .000496  |
| %RSD   | 634.6337 | 262.9158 | 263.4131 | 63.94678 | 224.5980 | 130.2411 | 180.8983 |
| #1     | -.000429 | -.030391 | .000191  | .0018525 | -.089473 | .0152856 | -.000780 |
| #2     | -.000264 | -.108465 | -.000151 | .0005424 | .158741  | -.002957 | .000211  |
| #3     | .001086  | .049011  | -.000354 | .0008330 | .105211  | .009022  | -.000252 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0760307 | -.001132 | -.000086 | .0000179 | .0008660 | .0015967 | -.004517 |
| Stddev | .0240963 | .003644  | .001149  | .0003391 | .0043913 | .0003305 | .001046  |
| %RSD   | 31.69285 | 321.9658 | 1331.261 | 1893.704 | 507.0760 | 20.69843 | 23.15694 |
| #1     | .0702405 | -.005320 | .001092  | -.000371 | .0034923 | .0016870 | -.004400 |
| #2     | .1024945 | .000616  | -.001203 | .000176  | .0033093 | .0018726 | -.003534 |
| #3     | .0553569 | .001309  | -.000148 | .000249  | -.004204 | .0012304 | -.005616 |

Sample Name: P4496-01      Acquired: 11/13/2024 3:14:29      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MBHCX5      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000276 | .0001388 | -.000079 |
| Stddev | .000561  | .0003860 | .000112  |
| %RSD   | 202.8991 | 278.0905 | 142.6237 |
| #1     | -.000805 | -.000081 | -.000203 |
| #2     | .000312  | .000585  | -.000047 |
| #3     | -.000335 | -.000087 | .000014  |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 872.7833 | 23484.93 | 2487.261 | 784.2767 | 1754.121 |
| Stddev    | .7889    | 71.48    | 4.788    | 4.0854   | .791     |
| %RSD      | .0903878 | .3043701 | .1925059 | .5209194 | .0451186 |
| #1        | 872.0171 | 23406.28 | 2488.143 | 780.5085 | 1754.478 |
| #2        | 873.5930 | 23502.59 | 2482.093 | 783.7028 | 1754.671 |
| #3        | 872.7398 | 23545.93 | 2491.546 | 788.6187 | 1753.214 |

Sample Name: PB164537BL      Acquired: 11/13/2024 3:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW537      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0048127 | -.001091 | .0001704 | .0003694 | .0001408 | .0038378 | .0008594 |
| Stddev | .0023862 | .002996  | .0017746 | .0012279 | .0006746 | .0093695 | .0012825 |
| %RSD   | 49.58196 | 274.6803 | 1041.610 | 332.4249 | 479.1275 | 244.1376 | 149.2429 |
| #1     | .0075669 | -.004213 | .0015314 | .0013680 | .0006514 | .0135692 | -.000621 |
| #2     | .0035071 | .001761  | -.001837 | .0007417 | .0003949 | .0030665 | .001584  |
| #3     | .0033642 | -.000820 | .000816  | -.001002 | -.000624 | -.005122 | .001615  |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0000043 | -.000233 | -.011178 | -.001248 | .0003666 | .0014027 | -.005183 |
| Stddev | .0000442 | .000064  | .008457  | .000526  | .0001791 | .0030515 | .022538  |
| %RSD   | 1031.381 | 27.40870 | 75.65789 | 42.11400 | 48.86515 | 217.5383 | 434.8713 |
| #1     | -.000041 | -.000306 | -.008301 | -.001636 | .0003982 | .0026311 | .006583  |
| #2     | .000006  | -.000187 | -.020699 | -.000650 | .0005278 | .0036486 | .009038  |
| #3     | .000047  | -.000207 | -.004535 | -.001458 | .0001737 | -.002071 | -.031168 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000000 | -.080325 | -.000809 | .0011017 | .0237009 | .0042299 | -.000766 |
| Stddev | .000659  | .048219  | .000267  | .0004510 | .1352269 | .0073874 | .000234  |
| %RSD   | 168744.7 | 60.02994 | 32.96340 | 40.93473 | 570.5556 | 174.6496 | 30.54961 |
| #1     | -.000322 | -.063365 | -.001117 | .0016175 | -.005097 | .0127478 | -.000679 |
| #2     | -.000437 | -.042877 | -.000655 | .0009063 | -.094807 | .0003686 | -.000588 |
| #3     | .000758  | -.134733 | -.000655 | .0007814 | .171007  | -.000427 | -.001031 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .1443974 | -.001993 | .0003225 | .0002343 | .0035422 | .0012229 | -.005216 |
| Stddev | .0554242 | .000419  | .0001832 | .0001723 | .0015659 | .0002296 | .000235  |
| %RSD   | 38.38309 | 21.00195 | 56.80538 | 73.55150 | 44.20808 | 18.77224 | 4.499968 |
| #1     | .1131552 | -.002456 | .0001794 | .0000716 | .0022966 | .0009701 | -.005423 |
| #2     | .1116471 | -.001642 | .0005289 | .0004149 | .0053001 | .0012804 | -.004961 |
| #3     | .2083898 | -.001880 | .0002590 | .0002164 | .0030298 | .0014183 | -.005265 |



Sample Name: PB164537BL      Acquired: 11/13/2024 3:19:00      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: PBW537      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .0002128 | -.001336 | -.000010 |
| Stddev | .0011256 | .001777  | .000012  |
| %RSD   | 528.9581 | 133.0288 | 113.0570 |
| #1     | .0014104 | -.000969 | -.000004 |
| #2     | .0000514 | -.003268 | -.000024 |
| #3     | -.000823 | .000229  | -.000003 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 875.0435 | 23513.53 | 2487.018 | 782.8910 | 1758.131 |
| Stddev    | 1.3135   | 159.99   | 6.767    | 5.3858   | .609     |
| %RSD      | .1501080 | .6804170 | .2720811 | .6879381 | .0346656 |
| #1        | 876.3922 | 23329.35 | 2491.546 | 777.9720 | 1758.430 |
| #2        | 874.9700 | 23618.12 | 2490.268 | 782.0551 | 1758.533 |
| #3        | 873.7683 | 23593.11 | 2479.239 | 788.6459 | 1757.430 |

Sample Name: PB164537BS      Acquired: 11/13/2024 3:23:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS537      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0203809 | .0547245 | .0196470 | .0645521 | .1112050 | .3984497 |
| Stddev | .0045180 | .0008263 | .0035149 | .0043925 | .0020153 | .0077772 |
| %RSD   | 22.16783 | 1.509910 | 17.89015 | 6.804560 | 1.812243 | 1.951871 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0248485 | .0552763 | .0233547 | .0667559 | .1110457 | .3904245 |
| #2 | .0158141 | .0551228 | .0163635 | .0594940 | .1092741 | .3989720 |
| #3 | .0204802 | .0537745 | .0192229 | .0674064 | .1132953 | .4059526 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Ba4934   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .4327202 | .0110016 | .0109230 | 11.16822 | .0217402 | .1037380 |
| Stddev | .0018842 | .0000383 | .0001154 | .06708   | .0004736 | .0003658 |
| %RSD   | .4354257 | .3479489 | 1.056425 | .6006128 | 2.178243 | .3526451 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .4339422 | .0109906 | .0110468 | 11.15355 | .0213916 | .1039783 |
| #2 | .4336681 | .0109700 | .0109037 | 11.24142 | .0222794 | .1033170 |
| #3 | .4305503 | .0110442 | .0108184 | 11.10969 | .0215497 | .1039187 |

|        |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|
| Elem   | Cu3247   | Fe2598   | Mn2576   | Mg2790   | Ni2316   | Ag3280   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0497295 | .2242126 | .0324636 | 10.46785 | .0865067 | .0231670 |
| Stddev | .0041253 | .0358006 | .0007024 | .13320   | .0003705 | .0003613 |
| %RSD   | 8.295521 | 15.96725 | 2.163781 | 1.272481 | .4282964 | 1.559337 |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | .0508678 | .1869966 | .0332736 | 10.31406 | .0860943 | .0227897 |
| #2 | .0531661 | .2272351 | .0320217 | 10.54265 | .0868116 | .0235097 |
| #3 | .0451545 | .2584061 | .0320955 | 10.54684 | .0866141 | .0232017 |

|        |          |          |          |          |          |            |
|--------|----------|----------|----------|----------|----------|------------|
| Elem   | Na8183   | V_2924   | Zn2138   | K_7698   | P_1774   | B_2496     |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm        |
| Avg    | 10.60352 | .1175664 | .1123975 | 10.05213 | .0168789 | F -.000213 |
| Stddev | .19601   | .0071231 | .0008850 | .09370   | .0037007 | .000494    |
| %RSD   | 1.848514 | 6.058799 | .7873986 | .9321454 | 21.92483 | 231.8081   |

|    |          |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|----------|
| #1 | 10.69185 | .1102389 | .1114142 | 10.14722 | .0187273 | .000314  |
| #2 | 10.37889 | .1244658 | .1131303 | 10.04929 | .0192913 | -.000665 |
| #3 | 10.73981 | .1179947 | .1126478 | 9.95988  | .0126182 | -.000289 |

Sample Name: PB164537BS      Acquired: 11/13/2024 3:23:33      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: LCS537      Custom ID2:      Custom ID3:  
Comment:

|           |            |          |            |            |          |          |
|-----------|------------|----------|------------|------------|----------|----------|
| Elem      | Mo2020     | S_1820   | Si2516     | Sn1899     | Ti3361   | Li6707   |
| Units     | ppm        | ppm      | ppm        | ppm        | ppm      | ppm      |
| Avg       | F .0194909 | .1821176 | F .4645662 | F .0082300 | .2089754 | .0280006 |
| Stddev    | .0004884   | .0035373 | .0025716   | .0027267   | .0022677 | .0008616 |
| %RSD      | 2.506069   | 1.942320 | .5535568   | 33.13165   | 1.085129 | 3.077177 |
| #1        | .0189470   | .1781863 | .4656372   | .0050980   | .2082856 | .0271223 |
| #2        | .0198923   | .1850432 | .4664293   | .0095166   | .2115079 | .0288445 |
| #3        | .0196333   | .1831232 | .4616322   | .0100754   | .2071327 | .0280350 |
| Elem      | Sr4077     |          |            |            |          |          |
| Units     | ppm        |          |            |            |          |          |
| Avg       | .2172133   |          |            |            |          |          |
| Stddev    | .0004608   |          |            |            |          |          |
| %RSD      | .2121439   |          |            |            |          |          |
| #1        | .2176792   |          |            |            |          |          |
| #2        | .2172028   |          |            |            |          |          |
| #3        | .2167578   |          |            |            |          |          |
| Int. Std. | Y_2243     | Y_3600   | Y_3710     | Y_2243     | In2306   |          |
| Units     | Cts/S      | Cts/S    | Cts/S      | Cts/S      | Cts/S    |          |
| Avg       | 867.7267   | 23533.54 | 2491.303   | 784.2850   | 1717.928 |          |
| Stddev    | .0446      | 12.73    | 10.785     | 3.2059     | 1.772    |          |
| %RSD      | .0051426   | .0540975 | .4329062   | .4087632   | .1031760 |          |
| #1        | 867.7495   | 23548.17 | 2486.467   | 784.4080   | 1717.281 |          |
| #2        | 867.7552   | 23527.48 | 2483.782   | 787.4275   | 1716.569 |          |
| #3        | 867.6753   | 23524.97 | 2503.659   | 781.0194   | 1719.933 |          |

Sample Name: P4521-10DLX2      Acquired: 11/13/2024 3:28:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .3301791 | .1027616 | .2356176 | .1642948 | .1715705 | 120.3892 | 5.349054 |
| Stddev | .0054126 | .0036360 | .0035570 | .0107798 | .0033566 | .0647    | .014181  |
| %RSD   | 1.639301 | 3.538285 | 1.509648 | 6.561238 | 1.956395 | .0537765 | .2651157 |
| #1     | .3293677 | .1015129 | .2375846 | .1751877 | .1751098 | 120.3855 | 5.347315 |
| #2     | .3359516 | .0999145 | .2377567 | .1640649 | .1711687 | 120.4556 | 5.364024 |
| #3     | .3252179 | .1068574 | .2315116 | .1536319 | .1684328 | 120.3263 | 5.335822 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0981674 | .1166303 | 34.14604 | .6385531 | 1.168835 | .9301901 | 262.7434 |
| Stddev | .0002611 | .0005598 | .06008   | .0048043 | .001945  | .0042744 | .6027    |
| %RSD   | .2659409 | .4799577 | .1759515 | .7523724 | .1664230 | .4595166 | .2293770 |
| #1     | .0980207 | .1172725 | 34.10979 | .6330992 | 1.170211 | .9298157 | 262.1287 |
| #2     | .0980128 | .1163728 | 34.11293 | .6404009 | 1.166610 | .9261152 | 262.7681 |
| #3     | .0984688 | .1162457 | 34.21539 | .6421590 | 1.169684 | .9346393 | 263.3333 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 7.671191 | 50.56549 | 1.303872 | .0710943 | 1.576151 | 1.480291 | 1.425025 |
| Stddev | .011618  | .13730   | .001068  | .0007046 | .238552  | .004894  | .003780  |
| %RSD   | .1514494 | .2715247 | .0819418 | .9911257 | 15.13512 | .3305875 | .2652300 |
| #1     | 7.680069 | 50.49771 | 1.304730 | .0702821 | 1.824138 | 1.484157 | 1.428824 |
| #2     | 7.675463 | 50.47527 | 1.302675 | .0714582 | 1.348312 | 1.481928 | 1.421265 |
| #3     | 7.658042 | 50.72350 | 1.304210 | .0715425 | 1.556001 | 1.474789 | 1.424987 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 26.30400 | 6.109659 | .2013649 | -.001350 | 1.465819 | 7.869123 | .0027567 |
| Stddev | .07189   | .011232  | .0009570 | .000436  | .000993  | .018373  | .0030986 |
| %RSD   | .2733137 | .1838474 | .4752294 | 32.25170 | .0677396 | .2334831 | 112.4019 |
| #1     | 26.37301 | 6.114081 | .2024699 | -.001798 | 1.464736 | 7.876667 | .0062812 |
| #2     | 26.30947 | 6.096889 | .2008050 | -.000928 | 1.466687 | 7.848179 | .0015287 |
| #3     | 26.22953 | 6.118008 | .2008200 | -.001325 | 1.466034 | 7.882524 | .0004604 |

Sample Name: P4521-10DLX2      Acquired: 11/13/2024 3:28:04      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2S      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 2.728778 | .0980671 | .2736091 |
| Stddev | .007557  | .0007654 | .0006337 |
| %RSD   | .2769420 | .7804650 | .2316115 |
| #1     | 2.721299 | .0971840 | .2735757 |
| #2     | 2.728624 | .0985398 | .2742588 |
| #3     | 2.736411 | .0984774 | .2729927 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 926.9705 | 25385.69 | 2745.219 | 831.6620 | 1614.249 |
| Stddev    | .8807    | 98.13    | 2.631    | 1.9606   | 1.845    |
| %RSD      | .0950060 | .3865437 | .0958436 | .2357469 | .1142809 |
| #1        | 926.8640 | 25495.45 | 2745.964 | 830.8956 | 1612.303 |
| #2        | 926.1479 | 25355.19 | 2747.398 | 830.2004 | 1615.972 |
| #3        | 927.8996 | 25306.43 | 2742.296 | 833.8901 | 1614.472 |

Sample Name: P4521-08DLX10      Acquired: 11/13/2024 3:32:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0576671 | .0048474 | .0407971 | -.006520 | .0019035 | 24.66888 | .3083573 |
| Stddev | .0080550 | .0025689 | .0003724 | .005162  | .0035284 | .05742   | .0007813 |
| %RSD   | 13.96812 | 52.99580 | .9128684 | 79.17062 | 185.3584 | .2327670 | .2533624 |
| #1     | .0661590 | .0029739 | .0403776 | -.000748 | .0050326 | 24.72113 | .3077204 |
| #2     | .0501350 | .0077759 | .0410890 | -.010693 | .0025987 | 24.60741 | .3081224 |
| #3     | .0567074 | .0037924 | .0409246 | -.008120 | -.001921 | 24.67809 | .3092291 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0009610 | .0022080 | 7.335171 | .0500368 | .0287693 | .1036234 | 56.96710 |
| Stddev | .0000315 | .0000288 | .051352  | .0005066 | .0005049 | .0034630 | .24275   |
| %RSD   | 3.273355 | 1.303521 | .7000834 | 1.012466 | 1.754898 | 3.341875 | .4261210 |
| #1     | .0009967 | .0022197 | 7.382392 | .0494921 | .0287256 | .1014169 | 57.12669 |
| #2     | .0009487 | .0021752 | 7.280501 | .0504939 | .0282877 | .1076147 | 56.68774 |
| #3     | .0009375 | .0022291 | 7.342619 | .0501243 | .0292946 | .1018387 | 57.08687 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 1.448578 | 10.64937 | .0543249 | -.003609 | .5398940 | .1094858 | .1334844 |
| Stddev | .002199  | .07811   | .0002752 | .000382  | .3366498 | .0080223 | .0003562 |
| %RSD   | .1518270 | .7334254 | .5066232 | 10.57983 | 62.35479 | 7.327217 | .2668451 |
| #1     | 1.449327 | 10.73530 | .0542341 | -.003573 | .5291797 | .1021702 | .1331589 |
| #2     | 1.450305 | 10.63014 | .0546340 | -.003246 | .8817731 | .1180648 | .1338649 |
| #3     | 1.446102 | 10.58268 | .0541065 | -.004007 | .2087293 | .1082225 | .1334293 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.441476 | 1.199504 | .0434740 | -.000416 | .2870033 | 1.723278 | -.000649 |
| Stddev | .059185  | .005096  | .0016706 | .000234  | .0018349 | .001581  | .001847  |
| %RSD   | 1.087662 | .4248811 | 3.842688 | 56.21733 | .6393176 | .0917191 | 284.8340 |
| #1     | 5.474960 | 1.195331 | .0426467 | -.000661 | .2872434 | 1.725066 | .000072  |
| #2     | 5.476328 | 1.197996 | .0423786 | -.000196 | .2887062 | 1.722065 | -.002748 |
| #3     | 5.373140 | 1.205184 | .0453968 | -.000391 | .2850602 | 1.722704 | .000730  |

Sample Name: P4521-08DLX10      Acquired: 11/13/2024 3:32:24      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: MYE4P2L      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | .5823486 | .0190572 | .0580143 |
| Stddev | .0023409 | .0010179 | .0000768 |
| %RSD   | .4019743 | 5.341509 | .1323870 |
| #1     | .5810515 | .0180554 | .0579680 |
| #2     | .5850509 | .0200905 | .0579719 |
| #3     | .5809434 | .0190256 | .0581029 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 889.8622 | 24112.44 | 2559.111 | 802.6680 | 1712.684 |
| Stddev    | .8641    | 104.80   | 10.438   | 1.6908   | 2.177    |
| %RSD      | .0971074 | .4346288 | .4078567 | .2106445 | .1270865 |
| #1        | 888.8686 | 24111.36 | 2548.679 | 800.7329 | 1710.661 |
| #2        | 890.2789 | 24008.19 | 2559.100 | 803.8600 | 1714.987 |
| #3        | 890.4389 | 24217.78 | 2569.554 | 803.4111 | 1712.404 |

Sample Name: CCV067      Acquired: 11/13/2024 3:36:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 5.079816 | 4.767090 | 24.73647 | 4.728841 | 4.788373 | 408.8608 | 10.16925 |
| Stddev | .023464  | .010908  | .03638   | .016717  | .006969  | 1.0214   | .02632   |
| %RSD   | .4618997 | .2288210 | .1470598 | .3535205 | .1455368 | .2498158 | .2588315 |
| #1     | 5.052955 | 4.754546 | 24.69543 | 4.732991 | 4.793791 | 407.6820 | 10.13925 |
| #2     | 5.096313 | 4.774350 | 24.76474 | 4.710440 | 4.780511 | 409.4167 | 10.18004 |
| #3     | 5.090181 | 4.772374 | 24.74924 | 4.743094 | 4.790817 | 409.4837 | 10.18847 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .5020948 | 2.529737 | 411.2526 | 15.11907 | 2.511608 | 14.91057 | 416.1514 |
| Stddev | .0023993 | .005032  | 2.0875   | .02921   | .001605  | .06508   | 2.0339   |
| %RSD   | .4778513 | .1989026 | .5075930 | .1932101 | .0639230 | .4364952 | .4887303 |
| #1     | .4996075 | 2.523983 | 408.8622 | 15.12770 | 2.509755 | 14.85172 | 413.8308 |
| #2     | .5022818 | 2.533311 | 412.1788 | 15.08652 | 2.512490 | 14.98047 | 416.9989 |
| #3     | .5043951 | 2.531916 | 412.7167 | 15.14300 | 2.512580 | 14.89951 | 417.6244 |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 14.79919 | 407.5515 | 2.485996 | 1.233079 | 411.2232 | 2.492712 | 14.48198 |
| Stddev | .03828   | 1.8703   | .003806  | .002286  | 1.2639   | .022102  | .06812   |
| %RSD   | .2586866 | .4589182 | .1531148 | .1853711 | .3073548 | .8866469 | .4703843 |
| #1     | 14.76107 | 405.5149 | 2.481821 | 1.230441 | 409.7682 | 2.467433 | 14.48872 |
| #2     | 14.79887 | 409.1921 | 2.486894 | 1.234307 | 411.8516 | 2.502319 | 14.54648 |
| #3     | 14.83763 | 407.9476 | 2.489273 | 1.234487 | 412.0497 | 2.508385 | 14.41074 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | 153.8945 | 4.919045 | 5.027567 | 4.725563 | 5.001474 | 5.013598 | 4.987954 |
| Stddev | .5496    | .021330  | .014763  | .001741  | .005332  | .020739  | .018769  |
| %RSD   | .3571340 | .4336294 | .2936313 | .0368361 | .1066157 | .4136492 | .3762947 |
| #1     | 153.3431 | 4.894474 | 5.011591 | 4.723883 | 4.999871 | 4.990172 | 4.967292 |
| #2     | 153.8980 | 4.932814 | 5.030404 | 4.727359 | 4.997128 | 5.021011 | 4.992619 |
| #3     | 154.4423 | 4.929846 | 5.040705 | 4.725448 | 5.007424 | 5.029612 | 5.003951 |



Sample Name: CCV067      Acquired: 11/13/2024 3:36:53      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCV067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | 4.967417 | 5.055322 | 5.075079 |
| Stddev | .027286  | .012071  | .008930  |
| %RSD   | .5492996 | .2387865 | .1759483 |

|    |          |          |          |
|----|----------|----------|----------|
| #1 | 4.936676 | 5.041452 | 5.065854 |
| #2 | 4.976808 | 5.063457 | 5.075703 |
| #3 | 4.988767 | 5.061057 | 5.083680 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 700.7214 | 21414.73 | 2376.413 | 591.5212 | 1332.275 |
| Stddev    | .5860    | 37.11    | 11.383   | 2.7731   | 2.319    |
| %RSD      | .0836333 | .1732694 | .4789809 | .4688067 | .1740924 |

|    |          |          |          |          |          |
|----|----------|----------|----------|----------|----------|
| #1 | 700.0733 | 21436.13 | 2388.585 | 590.3347 | 1334.823 |
| #2 | 700.8768 | 21436.18 | 2374.622 | 589.5388 | 1330.287 |
| #3 | 701.2139 | 21371.89 | 2366.032 | 594.6902 | 1331.716 |

Sample Name: CCB067      Acquired: 11/13/2024 3:41:06      Type: Unk  
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000  
User: Kareem      Custom ID1: CCB067      Custom ID2:      Custom ID3:  
Comment:

|        |          |          |          |          |          |          |          |
|--------|----------|----------|----------|----------|----------|----------|----------|
| Elem   | As1890   | Tl1908   | Pb2203   | Se1960   | Sb2068   | Al3961   | Ba4934   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0021421 | .0008420 | .0008234 | .0001761 | -.000651 | .0165931 | .0006764 |
| Stddev | .0068408 | .0023408 | .0011953 | .0037096 | .001196  | .0069641 | .0005403 |
| %RSD   | 319.3566 | 277.9915 | 145.1671 | 2106.796 | 183.8007 | 41.96979 | 79.87296 |
| #1     | .0089315 | .0022946 | .0014455 | .0020000 | .000440  | .0218563 | .0011464 |
| #2     | .0022436 | .0020899 | -.000555 | .0026206 | -.000463 | .0086963 | .0000861 |
| #3     | -.004749 | -.001858 | .001579  | -.004092 | -.001929 | .0192267 | .0007967 |
| Elem   | Be2348   | Cd2144   | Ca3736   | Cr2677   | Co2286   | Cu3247   | Fe2598   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .0001268 | -.000214 | .0158630 | .0002712 | .0006334 | -.003131 | -.002308 |
| Stddev | .0000276 | .000111  | .0122657 | .0005352 | .0002328 | .002587  | .019712  |
| %RSD   | 21.78769 | 52.13796 | 77.32279 | 197.3616 | 36.75305 | 82.64020 | 853.9979 |
| #1     | .0001568 | -.000313 | .0220716 | -.000181 | .0008954 | -.005652 | .012767  |
| #2     | .0001211 | -.000093 | .0017343 | .000132  | .0005544 | -.000482 | -.024615 |
| #3     | .0001025 | -.000235 | .0237831 | .000862  | .0004504 | -.003259 | .004923  |
| Elem   | Mn2576   | Mg2790   | Ni2316   | Ag3280   | Na8183   | V_2924   | Zn2138   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | -.000236 | -.000663 | -.000347 | .0003686 | .0859155 | .0077783 | .0000756 |
| Stddev | .000445  | .088407  | .000235  | .0004596 | .5502550 | .0020947 | .0005475 |
| %RSD   | 188.3312 | 13329.42 | 67.64024 | 124.6920 | 640.4610 | 26.93054 | 724.1487 |
| #1     | -.000355 | .020178  | -.000615 | .0005808 | -.381644 | .0055934 | .0006838 |
| #2     | -.000609 | -.097629 | -.000181 | .0006837 | -.052893 | .0079722 | -.000079 |
| #3     | .000256  | .075461  | -.000244 | -.000159 | .692283  | .0097694 | -.000378 |
| Elem   | K_7698   | P_1774   | B_2496   | Mo2020   | S_1820   | Si2516   | Sn1899   |
| Units  | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      | ppm      |
| Avg    | .2948898 | -.000831 | .0053920 | .0002657 | .0085463 | .0011566 | -.006043 |
| Stddev | .0889217 | .000956  | .0006164 | .0003848 | .0035587 | .0005153 | .001297  |
| %RSD   | 30.15422 | 115.0029 | 11.43115 | 144.8288 | 41.64096 | 44.55120 | 21.46371 |
| #1     | .2004593 | .000218  | .0059387 | .0006735 | .0125153 | .0007234 | -.005153 |
| #2     | .3071876 | -.001059 | .0055132 | .0002146 | .0056400 | .0010200 | -.007531 |
| #3     | .3770225 | -.001652 | .0047240 | -.000091 | .0074836 | .0017264 | -.005445 |

Sample Name: CCB067      Acquired: 11/13/2024 3:41:06      Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725)      Mode: CONC      Corr. Factor: 1.000000

User: Kareem      Custom ID1: CCB067      Custom ID2:      Custom ID3:

Comment:

|        |          |          |          |
|--------|----------|----------|----------|
| Elem   | Ti3361   | Li6707   | Sr4077   |
| Units  | ppm      | ppm      | ppm      |
| Avg    | -.000294 | -.000427 | .0002218 |
| Stddev | .000573  | .000877  | .0000966 |
| %RSD   | 194.8935 | 205.5048 | 43.53326 |
| #1     | .000350  | .000473  | .0002393 |
| #2     | -.000484 | -.001279 | .0003084 |
| #3     | -.000748 | -.000474 | .0001177 |

|           |          |          |          |          |          |
|-----------|----------|----------|----------|----------|----------|
| Int. Std. | Y_2243   | Y_3600   | Y_3710   | Y_2243   | In2306   |
| Units     | Cts/S    | Cts/S    | Cts/S    | Cts/S    | Cts/S    |
| Avg       | 879.4862 | 23725.28 | 2490.054 | 788.8587 | 1767.219 |
| Stddev    | 1.5071   | 134.17   | 8.982    | 3.5959   | 2.100    |
| %RSD      | .1713569 | .5655019 | .3607330 | .4558364 | .1188310 |
| #1        | 878.4486 | 23652.26 | 2489.500 | 785.7892 | 1764.834 |
| #2        | 881.2149 | 23643.45 | 2481.361 | 787.9718 | 1768.792 |
| #3        | 878.7952 | 23880.12 | 2499.300 | 792.8151 | 1768.030 |